

0001213900-24-06898810-Q Greenland Technologies Holding Corp. 2024081420240814160533160533160533 0 0001213900-24-068988 10-Q 127 20240630 20240814 20240814 Greenland Technologies Holding Corp. 0001735041 3560 000000000 D8 1231 10-Q 34 001-38605 241207505 50 MILLSTONE ROAD, BUILDING 400 SUITE 130 EAST WINDSOR NJ 08512 1 888 827-4832 50 MILLSTONE ROAD, BUILDING 400 SUITE 130 EAST WINDSOR NJ 08512 Greenland Acquisition Corp. 20180320 10-Q 1 ea0211135-10q.greenland.htm QUARTERLY REPORT Â Â UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D. C. 20549 Â FORM 10-Q Â â QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(D) OF THE SECURITIES EXCHANGE ACT OF 1934 Â For the quarterly period ended June 30, 2024 Â â TRANSITION REPORT PURSUANT TO SECTION 13 OR 15 (d) OF THE SECURITIES EXCHANGE ACT OF 1934 Â For the transition period from _____ to _____ Â Commission File number 001-38605 Â GREENLAND TECHNOLOGIES HOLDING CORPORATION (Exact name of registrant as specified in charter) Â British Virgin Islands Â 001-38605 (State or other jurisdiction of incorporation or organization) Â (I.R.S. Employer Identification No.) Â 50 Millstone Road, Building 400 Suite 130Â East Windsor, NJ United States Â 08512 (Address of principal executive offices) Â (Zip Code) Â 1 (888) 827-4832 (Registrantâs telephone number, including area code) Â Securities registered pursuant to Section 12(b) of the Act: Â Title of each class Â Trading Symbol(s) Â Name of each exchange on which registered Ordinary shares, no par value Â GTECÂ Â The NASDAQ Stock Market LLC Â Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes Â No Â Â Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (Â§ 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes Â No Â Â Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, smaller reporting company, or an emerging growth company. See definitions of âlarge accelerated filer,â âaccelerated filer,â âsmaller reporting company,â and âemerging growth companyâ in Rule 12b-2 of the Exchange Act. Â Large accelerated filer Â Accelerated filer Â Non-accelerated filer Â Smaller reporting company Â Â Emerging growth company Â Â If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. Â Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes Â No Â APPLICABLE ONLY TO ISSUERS INVOLVED IN BANKRUPTCY PROCEEDINGS DURING THE PRECEDING FIVE YEARS: Â Indicate by check mark whether the registrant has filed all documents and reports required to be filed by Sections 12, 13 or 15(d) of the Securities Exchange Act of 1934 subsequent to the distribution of securities under a plan confirmed by a court. Yes Â No Â As of August 14, 2024, there were 13,594,530 ordinary shares of the registrant outstanding. Â Â Â Â Â GREENLAND TECHNOLOGIES HOLDING CORPORATION Â FORM 10-Q Â For the Quarterly Period Ended June 30, 2024 Â CONTENT INDEX Â Â Â Page Â Number Â Â PART I. FINANCIAL INFORMATION 1 Â Â ITEM 1. Financial Statements (unaudited) 1 Â Â ITEM 2. Managementâs Discussion and Analysis of Financial Condition and Results of Operations 2 Â Â ITEM 3. Quantitative and Qualitative Disclosures About Market Risk 14 Â Â ITEM 4. Controls and Procedures 14 Â Â PART II. OTHER INFORMATION 16 Â Â ITEM 1. Legal Proceedings 16 Â Â ITEM 1A. Risk Factors 16 Â Â ITEM 2. Unregistered Sales of Equity Securities and Use of Proceeds 37 Â Â ITEM 3. Defaults Upon Senior Securities 37 Â Â ITEM 4. Mine Safety Disclosures 37 Â Â ITEM 5. Other Information 37 Â Â ITEM 6. Exhibits 38Â Â Â Signatures Â 39 Â i Â FORWARD LOOKING STATEMENTS Â This Quarterly Report on Form 10-Q, Financial Statements and Notes to Financial Statements contain forward-looking statements that discuss, among other things, future expectations and projections regarding future developments, operations and financial conditions. Forward-looking statements may appear throughout this report and other documents we file with the U.S. Securities and Exchange Commission (âSECâ), including without limitation, the following sections: Part I, Item 2, âManagementâs Discussion and Analysis of Financial Condition and Results of Operationsâ in this Quarterly Report on Form 10-Q. Â Forward-looking statements generally can be identified by words such as âanticipates,â âbelieves,â âestimates,â âexpects,â âintends,â âplans,â âpredicts,â âprojects,â âwill be,â âwill continue,â âmay,â âcould,â âwill likely result,â and similar expressions. These forward-looking statements are based on current expectations and assumptions that are subject to risks and uncertainties, which could cause our actual results to differ materially from those reflected in the forward-looking statements. In addition, there is uncertainty about the future development of the COVID-19 pandemic and the impact it may have on the Companyâs operations, the demand for the Companyâs products or services, global supply chains and economic activity in general. We undertake no obligation to revise or publicly release the results of any revision to these forward-looking statements, except as required by law. Given these risks and uncertainties, readers are cautioned not to place undue reliance on such forward-looking statements. Â ii Â PART I - FINANCIAL INFORMATION Â ITEM 1. FINANCIAL STATEMENTS Â GREENLAND TECHNOLOGIES HOLDING CORPORATION UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS THREE AND SIX MONTHS ENDED JUNE 30, 2024 Â TABLE OF CONTENTS Â PAGE Â F-1-F-2 Â CONSOLIDATED BALANCE SHEETS AS OF JUNE 30, 2024 (UNAUDITED) AND DECEMBER 31, 2023 Â Â Â Â PAGE Â F-3 Â CONSOLIDATED STATEMENTS OF OPERATIONS AND COMPREHENSIVE INCOME (LOSS) FOR THE THREE AND SIX MONTHS ENDED JUNE 30, 2024 AND 2023 (UNAUDITED) Â Â Â Â PAGE Â F-4 Â CONSOLIDATED STATEMENTS OF SHAREHOLDERSâ EQUITY FOR THE THREE AND SIX MONTHS ENDED JUNE 30, 2024 AND 2023 (UNAUDITED) Â Â Â PAGE Â F-5-F-6 Â CONSOLIDATED STATEMENTS OF CASH FLOWS FOR THE SIX MONTHS ENDED JUNE 30, 2024 AND 2023 (UNAUDITED) Â Â Â PAGE Â F-7-F-31 Â NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED) Â 1 Â GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES Â UNAUDITED CONSOLIDATED BALANCE SHEETS Â AS OF JUNE 30, 2024 AND DECEMBER 31, 2023 Â (IN U.S. DOLLARS) Â June 30,Â Â DecemberÂ 31,Â Â 2024Â Â 2023Â ASSETSÂ Â Â Â Current assetsÂ Â Â Cash and cash equivalentsÂ \$17,119,889Â Â \$22,981,324Â Restricted cashÂ Â 3,906,138Â Â 5,208,063Â Short Term InvestmentÂ Â 5,504,183Â Â 2,818,068Â Notes receivableÂ Â 30,962,280Â Â 27,135,249Â Accounts receivable, netÂ Â 21,882,869Â Â 16,483,533Â Inventories, netÂ Â 20,251,335Â Â 24,596,795Â Due from related parties-current, netÂ Â 228,311Â Â 225,927Â Advance to suppliersÂ Â 637,836Â Â 288,578Â Prepayments and other current assetsÂ Â 1,944,925Â Â 53,204Â Total Current AssetsÂ \$102,437,766Â Â \$99,790,741Â Â Â Â Non-current assetÂ Â Â Â Property, plant, equipment and construction in progress, netÂ Â 13,714,991Â Â 13,698,997Â Land use rights, netÂ Â 3,326,779Â Â 3,448,505Â Other intangible assetsÂ Â 137,806Â Â 189,620Â Deferred tax assetsÂ Â 452,248Â Â 256,556Â Right-of-use assetsÂ Â 1,871,826Â Â 2,125,542Â Fixed depositÂ Â 4,342,574Â Â 9,916,308Â Other non-current assetsÂ Â 475,140Â Â 1,050,698Â Total non-current assetsÂ \$24,321,364Â Â \$30,686,226Â TOTAL ASSETSÂ \$126,759,130Â Â \$130,476,967Â Â The accompanying notes are an integral part of the unaudited consolidated financial statements. Â F-1 Â GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES Â UNAUDITED CONSOLIDATED BALANCE SHEETS Â AS OF JUNE 30, 2024 AND DECEMBER 31, 2023 (Continued) Â (IN U.S. DOLLARS) Â June 30,Â Â DecemberÂ 31,Â Â 2024Â Â 2023Â Â Â Â Current LiabilitiesÂ Â Â Short-term bank loansÂ \$Â 3,042,296Â Notes payable-bank acceptance notesÂ Â 31,407,248Â Â 36,712,562Â Accounts payableÂ Â 24,793,173Â Â 25,272,528Â Taxes payablesÂ Â 740,850Â Â 758,307Â Customer depositsÂ Â 491,582Â Â 137,985Â Due to related partiesÂ Â 3,831,576Â Â 3,831,636Â Other current liabilitiesÂ Â 2,221,355Â Â 2,281,507Â Lease liabilitiesÂ Â 495,693Â Â 487,695Â Total current liabilitiesÂ \$63,981,477Â Â \$72,524,516Â Â Â Â Non-current liabilitiesÂ Â Â Â Lease liabilitiesÂ Â 1,432,987Â Â 1,684,614Â Deferred revenueÂ Â 1,381,686Â Â 1,529,831Â Warrant liabilityÂ Â 1,180,281Â Â 4,084,605Â Total non-current liabilitiesÂ \$3,994,954Â Â \$7,299,050Â TOTAL LIABILITIESÂ \$67,976,431Â Â \$79,823,566Â Â Â Â COMMITMENTS AND CONTINGENCIESÂ Â -Â Â -Â Shareholdersâ equityÂ Â Â Â Ordinary shares, no par value, unlimited shares authorized; 13,594,530 and 13,594,530 shares issued and outstanding as of June 30, 2024 and December 31, 2023.Â Â -Â Â -Â Additional paid-in capitalÂ Â 30,286,560Â Â 30,286,560Â Statutory reservesÂ Â 3,842,331Â Â 3,842,331Â Retained earningsÂ Â 25,688,246Â Â 18,535,133Â Accumulated other comprehensive lossÂ Â (3,534,987)Â Â (2,583,794) Total shareholdersâ equityÂ \$56,282,150Â Â \$50,080,230Â Non-controlling interestÂ Â 2,500,549Â Â 573,171Â TOTAL SHAREHOLDERSâ EQUITYÂ \$58,782,699Â Â \$50,653,401Â Â Â Â TOTAL LIABILITIES AND SHAREHOLDERSâ EQUITYÂ \$126,759,130Â Â \$130,476,967Â Â The accompanying notes are an integral part of the unaudited consolidated financial statements. Â F-2 Â GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES Â UNAUDITED CONSOLIDATED STATEMENTS OF OPERATIONS AND COMPREHENSIVE INCOME (LOSS) Â FOR THE THREE AND SIX MONTHS ENDED JUNE 30, 2024 AND 2023 Â (UNAUDITED, IN U.S. DOLLARS) Â Â For the three months ended June 30,Â Â For the six months ended June 30,Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â RevenuesÂ \$23,017,260Â Â \$23,569,449Â Â \$45,740,851Â Â \$45,718,809Â Cost of goods soldÂ Â 16,243,205Â Â 16,641,612Â Â 33,319,727Â Â 33,267,542Â Gross profitÂ Â 6,774,055Â Â 6,927,837Â Â 12,421,124Â Â 12,451,267Â Selling expensesÂ Â 465,146Â Â 574,040Â Â 1,014,642Â Â 961,525Â General and administrative expensesÂ Â 1,199,492Â Â 1,519,564Â Â 3,382,921Â Â 3,161,468Â Research and development expensesÂ Â 1,123,063Â Â 1,425,394Â Â 2,110,787Â Â 2,545,285Â Total operating expensesÂ \$2,787,701Â Â \$3,518,998Â Â \$6,508,350Â Â \$6,668,278Â INCOME FROM OPERATIONSÂ \$3,986,354Â Â \$3,408,839Â Â \$5,912,774Â Â \$5,782,989Â Interest incomeÂ Â 215,732Â Â 44,683Â Â 384,945Â Â 75,076Â Interest expenseÂ Â (36,008)Â Â (79,504)Â Â (79,848)Â Â (145,997) Change in fair value of the warrant liabilityÂ Â 1,869,018Â Â -Â Â -Â 2,904,324Â Â -Â Loss on disposal of property, plant and equipment Â 556Â Â (239)Â Â 556Â Â (239) Other income (loss)Â Â 518,333Â Â (128,768)Â Â 814,481Â Â 288,614Â INCOME BEFORE INCOME TAXÂ \$6,553,985Â Â \$3,245,011Â Â \$9,937,232Â Â \$6,000,443Â INCOME TAX EXPENSEÂ Â 680,801Â Â 304,815Â Â 494,800Â Â 601,673Â NET INCOMEÂ \$5,873,184Â Â \$2,940,196Â Â \$9,442,432Â Â \$5,398,770Â LESS: NET INCOME ATTRIBUTABLE TO NONCONTROLLING INTERESTÂ Â 1,222,274Â Â 541,058Â Â 2,289,319Â Â 1,552,657Â NET INCOME ATTRIBUTABLE TO GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIESÂ \$4,650,910Â Â \$2,399,138Â Â \$7,153,113Â Â \$3,846,113Â OTHER COMPREHENSIVE LOSS:Â Â (404,372)Â Â (4,591,131)Â Â (1,313,134)Â Â (4,273,799) Unrealized foreign currency translation loss attributable to Greenland Technologies Holding Corporation and subsidiariesÂ Â (297,385)Â Â (3,185,362)Â Â (951,193)Â Â (2,973,010) Unrealized foreign currency translation loss attributable to non-controlling interestÂ Â (106,987)Â Â (1,405,769)Â Â (361,941)Â Â (1,300,789) Total comprehensive income (loss)

attributable to Greenland technologies holding corporation and subsidiaries

comprehensive income (loss) attributable to noncontrolling interest

AVERAGE ORDINARY SHARES OUTSTANDING:

0.18

0.53

0.30

The accompanying notes are an integral part of the unaudited consolidated financial statements.

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GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES

UNAUDITED CONSOLIDATED STATEMENTS OF SHAREHOLDERS' EQUITY

FOR THE THREE AND SIX MONTHS ENDED JUNE 30, 2024 AND 2023

(UNAUDITED, IN U.S. DOLLARS, EXCEPT FOR SHARE DATA)

Ordinary Shares

Additional

Accumulated Other

Non

No Par Value

Paid-in

Comprehensive

Statutory

Retained

controlling

Shares

Amount

Capital

Income/(loss)

Reserve

Earnings

Interest

Total

Balance as of December 31, 2022

12,978,504

\$32,955,927

\$(2,831,419)

3,842,331

\$37,228,261

\$13,722,663

\$84,917,763

Net income

1,446,975

1,011,599

2,458,574

Foreign currency translation adjustment

212,352

104,980

317,332

Balance as of March 31, 2023

12,978,504

\$32,955,927

\$(2,619,067)

3,842,331

\$38,675,236

\$14,839,242

\$87,693,669

Net income

2,399,138

541,058

2,940,196

Dividend

703,595

703,595

Foreign currency translation adjustment

3,185,362

1,405,769

4,591,131

Balance at June 30, 2023

12,978,504

\$32,955,927

\$(5,804,429)

3,842,331

\$41,074,374

\$13,270,936

\$85,339,139

Balance as of December 31, 2023

13,594,530

\$30,286,560

\$(2,583,794)

3,842,331

\$18,535,133

\$573,171

\$50,653,401

Net income

1,067,045

3,569,248

Foreign currency translation adjustment

653,808

254,952

908,762

Balance as of March 31, 2024

13,594,530

\$30,286,560

\$(3,237,602)

3,842,331

\$21,037,336

\$1,385,262

\$53,313,887

Net income

3,534,987

3,842,331

25,688,246

2,500,549

58,782,699

The accompanying notes are an integral part of the unaudited consolidated financial statements.

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GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES

UNAUDITED CONSOLIDATED STATEMENTS OF CASH FLOWS

FOR THE SIX MONTHS ENDED JUNE 30, 2024 AND 2023

(UNAUDITED, IN U.S. DOLLARS)

For the six months ended June 30, 2024

2023

CASH FLOWS FROM OPERATING ACTIVITIES:

Net income

\$9,442,432

\$5,398,770

Adjustments to reconcile net income to net cash provided by operating activities:

Depreciation and amortization

1,092,484

1,066,325

Amortization of deferred revenue

(113,743)

87,035

Property, plant and equipment written off

(556)

239

Increase in allowance for credit losses

568,744

437,304

Increase(Decrease) in provision for inventory

(120,097)

55,037

Change in fair value of warrant liability

(2,904,324)

399,304

Change in prepaids

(203,057)

(71,923)

Non-cash lease expenses

308,146

Accrued interest income derived from loan to related parties

(2,385)

Accrued expense

905,066

Changes in operating assets and liabilities:

Decrease (Increase) In:

Accounts receivable

(6,380,475)

(8,007,656)

Notes receivable

(4,483,926)

(4,208,864)

Inventories

3,963,162

1,778,487

Advance to suppliers

(353,208)

(707,627)

Other current and noncurrent assets

1,968,116

3,096,994

Increase (Decrease) In:

Accounts payable

103,191

1,442,661

Customer deposits

358,073

1,411

Other current liabilities

(735,426)

(436,370)

Income tax payable

(191,614)

Due to related parties

(190,000)

82,145

Lease liabilities

(298,059)

Other non-current liabilities

(174,070)

NET CASH PROVIDED BY (USED IN) OPERATING ACTIVITIES

2,924,158

\$391,716

The accompanying notes are an integral part of the unaudited consolidated financial statements.

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GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES

UNAUDITED CONSOLIDATED STATEMENTS OF CASH FLOWS

FOR THE SIX MONTHS ENDED JUNE 30, 2024 AND 2023 (Continued)

(UNAUDITED, IN U.S. DOLLARS)

For the six months ended June 30, 2024

2023

CASH FLOWS FROM INVESTING ACTIVITIES:

Purchases of long-term assets

\$(1,282,177)

\$(277,696)

Loan payment to third parties

(693,001)

Investment in a joint venture

(50,000)

NET CASH USED IN INVESTING ACTIVITIES

\$(1,975,178)

\$(327,696)

CASH FLOWS FROM FINANCING ACTIVITIES:

Proceeds from short-term bank loans

\$5,544,006

\$2,598,040

Repayments of short-term bank loans

(8,537,769)

(3,894,173)

Notes payable

(4,492,414)

1,286,200

Proceeds from related parties

(214,245)

Proceeds from third parties

1,876,362

Repayment of loans from third parties

(433,007)

Dividend paid

(703,595)

NET CASH (USED IN) PROVIDED BY FINANCING ACTIVITIES

\$(7,486,177)

\$944,072

NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS AND RESTRICTED CASH

\$(6,537,197)

\$224,660

Effect of exchange rate changes on cash

(626,163)

(905,766)

CASH AND CASH EQUIVALENTS AND RESTRICTED CASH AT BEGINNING OF YEAR

28,189,387

19,729,056

CASH AND CASH EQUIVALENTS AND RESTRICTED CASH AT END OF PERIOD

\$21,026,027

\$19,047,950

Bank balances and cash

17,119,889

15,232,289

Bank balances and cash included in assets classified as restricted cash

3,906,138

3,815,661

Supplemental Disclosure of Cash Flow Information

Income taxes paid

1,236,359

548,034

Interest paid

50,283

152,462

The accompanying notes are an integral part of the unaudited consolidated financial statements.

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GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES

NOTES TO UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS

NOTE 1

ORGANIZATION AND PRINCIPAL ACTIVITIES

Greenland Technologies Holding Corporation (the "Company" or "Greenland") designs, develops, manufactures and sells components and products for the global material handling industries. Through its PRC subsidiaries, Greenland offers transmission products, which are key components for forklift trucks used in manufacturing and logistic applications, such as factories, workshops, warehouses, fulfilment centers, shipyards, and seaports. Forklifts play an important role in the logistic systems of many companies across different industries in China and globally. Generally, industries with the largest demand for forklifts include the transportation, warehousing logistics, electrical machinery, and automobile industries. Greenland's transmission products are used in 1-ton to 15-tons forklift trucks, some with mechanical shift and some with automatic shift. Greenland sells these transmission products directly to forklift-truck manufacturers. In the six months ended June 30, 2024 and 2023, Greenland sold an aggregate of 80,496 and 75,097 sets of transmission products, respectively, to more than 100 forklift manufacturers in the PRC. In January 2020, Greenland launched HEVI Corp. (the "HEVI"), formerly known as Greenland Technologies Corp. to focus on the production and sale of electric industrial vehicles to meet the increasing demand for electric industrial vehicles and machinery powered by sustainable energy in order to reduce air pollution and lower carbon emissions. HEVI is a wholly owned subsidiary of Greenland incorporated under the laws of the State of Delaware. HEVI's electric industrial vehicle products currently include GEF-series electric forklifts, a series of lithium powered forklifts with three models ranging in size from 1.8 tons to 3.5 tons, GEL-1800, a 1.8 ton rated load lithium powered electric wheeled front loader, GEX-8000, an all-electric 8.0 ton rated load lithium powered wheeled excavator, and GEL-5000, an all-electric 5.0 ton rated load lithium wheeled front loader. In addition, HEVI introduced a line of mobile DC battery chargers that support DC powered EV applications in the North America market. These products are available for purchase in the United States (the "U.S.") market. In August 2022, Greenland launched a 54,000 square foot industrial electric vehicle assembly site in Baltimore, Maryland to support local services, assembly and distribution of its electric industrial heavy equipment products line. In July 2024, HEVI announced a partnership with Lonking Holdings Limited to develop and distribute heavy electric machinery and related technology specialized for the US market. Greenland serves as the parent company of Zhongchai Holding (Hong Kong) Limited, a holding company formed under the laws of the Hong Kong Special Administrative Region (the "Hong Kong") on April 23, 2009 (the "Zhongchai Holding"). Zhongchai Holding's subsidiaries include Zhejiang Zhongchai Machinery Co. Ltd., an operating company formed under the laws of the People's Republic of China (the "PRC" or "China") in 2005, Hangzhou Greenland Energy Technologies Co., Ltd. (the "Hangzhou Greenland"), an operating company formed under the laws of the PRC in 2019, and Hengyu Capital Limited, a company formed in Hong Kong on August 16, 2022 (the "Hengyu Capital"). Through Zhongchai Holding and its subsidiaries, Greenland develops and manufactures traditional transmission products for material handling machineries in the PRC. Greenland was incorporated on December 28, 2017 as a British Virgin Islands company with limited liability. Following the Business Combination (as described and defined below) in October 2019, the Company changed its name from Greenland Acquisition Corporation to Greenland Technologies Holding Corporation. The COVID-19 pandemic has significantly affected business and manufacturing activities within China, including travel restrictions, widespread mandatory

Xinchang County Jiuxin Investment Management Partnership (LP) (          ), an entity controlled and beneficially owned by Mr. He Mengxing, president of Zhejiang Zhongchai, completed its investment of approximately RMB31,590,000 in Zhejiang Zhongchai for a 10.53% equity interest. On December 29, 2021, Xinchang County Jiuhe Investment Management Partnership (LP) (          ), an entity controlled and beneficially owned by Mr. He Mengxing, president of Zhejiang Zhongchai, completed its investment of approximately RMB34,300,000 in Zhejiang Zhongchai for a 20.00% equity interest. As of June 30, 2024, Zhongchai Holding owned approximately 71.576% of the equity interests, Jiuxin owned approximately 8.424% of the equity interests, and Jiuhe owned approximately 20.00% of the equity interests in Zhejiang Zhongchai.   Through Zhejiang Zhongchai, the Company has been engaging in the manufacturing and sales of transmission systems mainly for forklift trucks since 2006. These forklift trucks are used in manufacturing and logistics applications, such as factory, workshop, warehouse, fulfillment centers, shipyards and seaports. The transmission systems are the key components for forklift trucks. The Company supplies transmission systems to forklift truck manufacturers. Its transmission systems fit for forklift trucks ranging from 1 to 15 tons, with either mechanical shift or automatic shift. All the products are currently manufactured at the Company      facility in Xinchang, Zhejiang Province, the PRC and are sold to both domestic and oversea markets.   Hangzhou Greenland   Hangzhou Greenland is a limited liability company registered on August 9, 2019 in Hangzhou Sinking Plaza, Zhejiang, the PRC. Hangzhou Greenland engages in the business of trading construction engineering machinery, electronic components, hardware, and others.   HEVI   HEVI, formerly known as Greenland Technologies Corp. prior to May 2022, was incorporated on January 14, 2020 under the laws of the State of Delaware. HEVI is a wholly owned subsidiary of Greenland and promotes sales of sustainable alternative products for the heavy industrial equipment industry, including electric industrial vehicles, in the North American market.   Hengyu Capital   Hengyu Capital is a limited liability company registered on August 16, 2022 in Hong Kong. The main business of Hengyu Capital is to engage in investment management and consulting services.   Greenland Holding Enterprises Inc.   Greenland Holding Enterprises Inc. is a holding company registered on August 28, 2023 in the State of Delaware with no operations.   Details of the Company      subsidiaries, which are included in these unaudited consolidated financial statements as of June 30, 2024, are as follows:

Name	Domicile	Date of Incorporation	Paid-in Capital	Ownership Percentage	Principal Activities
Zhongchai Holding (Hong Kong) Limited	Hong Kong	April 23, 2009	HKD\$ 10,000	100%	Holding Zhejiang Zhongchai Machinery Co., Ltd.
PRC November 21, 2005	RMB\$ 25,000,000	71.576%	Manufacture, sale of various transmission boxes	Hangzhou Greenland Energy Technologies Co., Ltd.	PRC August 8, 2020
RMB\$ 8,669,482	100%	Trading HEVI Corp.	Delaware January 14, 2020	USD\$ 6,363,557	100%
U.S. operation and distribution of electric industrial vehicles for North American market	Hengyu Capital, Ltd.	Hong Kong August 16, 2022	HKD\$ 10,000	62.5%	Investment management and consulting services
Greenland Holding Enterprises Inc.	Delaware August 28, 2023	USD\$ 1A	100%	Holding F-8	GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES

  NOTES TO UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS   NOTE 2     SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES   Basis of Presentation   The accompanying unaudited consolidated financial statements are prepared in accordance with accounting principles generally accepted in the United States of America (      U.S. GAAP  ) for information pursuant to the rules and regulations of the U.S. Securities and Exchange Commission.   Principles of Consolidation   The unaudited consolidated financial statements are prepared in accordance with accounting principles generally accepted in the United States of America (      US GAAP  ). The unaudited consolidated financial statements include the financial statements of the Company and its subsidiaries, which include Hong Kong-registered entities and PRC-registered entities directly or indirectly owned by the Company. All transactions and balances among the Company and its subsidiaries have been eliminated upon consolidation. The results of subsidiaries acquired or disposed of are recorded in the consolidated income statements from the effective date of acquisition or up to the effective date of disposal, as appropriate.   A subsidiary is an entity in which (i) the Company directly or indirectly controls more than 50% of the voting power; or (ii) the Company has the power to appoint or remove the majority of the members of the board of directors or to cast a majority of votes at the meetings of the board of directors or to govern the financial and operating policies of the investee pursuant to a statute or under an agreement among the shareholders or equity holders.   Use of Estimates   The preparation of the consolidated financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the consolidated financial statements and the reported amounts of revenues and expenses during the reporting periods. Management makes these estimates using the best information available at the time the estimates are made. Actual results could differ from those estimates. Significant estimates in the six months ended June 30, 2024 and 2023 include allowance for expected credit losses, reserve for inventories, fair value of warrant liability, useful life of property, plant and equipment, assumptions used in assessing impairment of long-term assets, estimates used in accounting for leases in accordance with FASB ASC 842, Leases and valuation of deferred tax assets and accruals for taxes due.   Non-controlling Interest   Non-controlling interests in the Company      subsidiaries are recorded in accordance with the provisions of Financial Accounting Standards Board (     FASB  ) Accounting Standards Codification 810 Consolidation (     ASC 810  ) and are reported as a component of equity, separate from the parent      equity. Purchase or sale of equity interests that do not result in a change of control are accounted for as equity transactions. Results of operations attributable to the non-controlling interest are included in our consolidated results of operations and, upon loss of control, the interest sold, as well as interest retained, if any, will be reported at fair value with any gain or loss recognized in earnings.

F-9   GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES   NOTES TO UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS   NOTE 2     SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)   Foreign Currency Translation   Since the Company operates primarily in the PRC, the Company      functional currency is the Renminbi (     RMB  ). The Company      financial statements have been translated into the reporting currency of the United States Dollar (     USD  ,      US\$   or      \$  ). Assets and liabilities of the Company are translated at the exchange rate at each reporting period end date. Equity is translated at the historical exchange rate when the transaction occurs. Income and expense accounts are translated at the average rate of exchange during the reporting period. The resulting translation adjustments are reported under other comprehensive income (loss). Gains and losses resulting from the translation of foreign currency transactions and balances are reflected in the results of operations.

  As of   June 30, 2024   December 31, 2023   Period end RMB: US\$ exchange rate   7.2672   7.0999     For the six months ended June 30,   2024   2023   Period average RMB: US\$ exchange rate   7.2150   6.8423   The RMB is not freely convertible into foreign currency and all foreign exchange transactions must take place through authorized institutions.   The PRC government imposes significant exchange restrictions on fund transfers out of the PRC that are not related to business operations.   Cash and Cash Equivalents   For financial reporting purposes, the Company considers all highly liquid investments purchased with an original maturity of three months or less to be cash equivalents. The Company maintains its bank accounts with various financial institutions primarily in mainland China and the U.S. The Company has not experienced any losses in bank accounts.

  Restricted Cash   Restricted cash represents amounts held by a bank as security for bank acceptance bills, as well as the financial product secured for the short-term bank loan and therefore is not available for the Company      use until such time as the bank acceptance notes and bank loans have been fulfilled or expired, normally within a twelve-month period.   Fair Value of Financial Instruments   The Company applies the provisions of ASC 820, Fair Value Measurements and Disclosures, to the financial instruments that are required to be carried at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants at the measurement date. The Company uses a three-tier fair value hierarchy based upon observable and non-observable inputs that prioritizes the information used to develop our assumptions regarding fair value. Fair value measurements are separately disclosed by level within the fair value hierarchy.     Level 1   defined as observable inputs such as quoted prices in active markets for identical assets or liabilities;     Level 2   defined as inputs other than quoted prices in active markets, that are either directly or indirectly observable; and     Level 3   defined as unobservable inputs in which little or no market data exists, therefore requiring an entity to develop its own assumptions.   The Company      financial assets and liabilities, which include financial instruments as defined by FASB ASC 820, include cash, cash equivalents and restricted cash, short term investment, accounts receivable, notes receivables, due from related party, fixed deposit, short term bank loans, accounts payable, other payable, notes payable and warrant liability. As of June 30, 2024 and December 31, 2023, the carrying amounts of cash and cash equivalents, restricted cash, accounts receivable, notes receivables, notes payables and accounts payable were approximation of their fair value due to the short-term nature. As of June 30, 2024 and December 31, 2023, fixed deposits and bank loans were measured at amortized cost.

F-10   GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES   NOTES TO UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS   NOTE 2     SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)   The following table summarizes the fair value measurements of assets and liabilities that are measured at fair value on a recurring basis as of June 30, 2024:

(amount in absolute value)	Active Market for Identical Assets (Level 1)	Observable Inputs (Level 2)	Unobservable Inputs (Level 3)
Total Carrying Value	\$5,504,183	\$5,504,183	\$5,504,183
Warrants liability	\$1,180,281	\$1,180,281	\$1,180,281
Accounts Receivable and Allowance for Expected Credit Losses	\$6,684,464	\$6,684,464	\$6,684,464

  Accounts receivable are stated at the historical carrying amount net of allowance for expected credit losses.   The Company adopted ASU No. 2016-13,    Financial Instruments   Credit Losses (Topic 326), Measurement of Credit Losses on Financial Instruments   on January 1, 2023 using a modified retrospective approach. The Company also adopted this guidance to notes receivable and due from related parties.   To estimate expected credit losses, the Company has identified the relevant risk characteristics of its customers and the related receivables. The Company considers the past collection experience, current economic conditions, future economic conditions (external data and macroeconomic factors) and changes in the Company      customer collection trends. The allowance for expected credit losses and corresponding receivables were written off when they are determined to be uncollectible.   Inventories   Inventories are stated at the lower of cost or net realizable value, which is based on estimated selling prices less any further costs expected to be incurred for completion and disposal. Cost of raw materials is calculated using the weighted average method and is based on purchase cost. Work-in-progress and finished goods costs are determined using the weighted average method and comprise direct materials, direct labor and an appropriate proportion of overhead.   Advance to Suppliers   Advance to suppliers represents interest-free cash paid in advance to suppliers for purchases of parts and/or raw

materials. The balance of advance to suppliers was \$0.64 million and \$0.29 million as of June 30, 2024 and December 31, 2023, respectively. **Property, Plant, and Equipment** **Property, plant, and equipment** are stated at cost less accumulated depreciation, and include expenditure that substantially increases the useful lives of existing assets. Expenditures for repairs and maintenance, which do not extend the useful life of the assets, are expensed as incurred. **Depreciation** is provided over their estimated useful lives, using the straight-line method. Estimated useful lives are as follows: **Buildings** 20 years **Machinery** 2~10 years **Motor vehicles** 4 years **Electronic equipment** 3~5 years **Fixed assets decoration** 5 years **F-11** **GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES** **NOTES TO UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS** **NOTE 2** **SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)** **When assets are sold or retired, their costs and accumulated depreciation are eliminated from the consolidated financial statements and any gain or loss resulting from their disposal is recognized in the period of disposition as an element of other income. The cost of maintenance and repairs is charged to income as incurred, whereas significant renewals and betterments are capitalized. Construction in process** **Property, plant, and equipment** that are purchased or constructed which require a period of time before the assets are ready for their intended use are accounted for as construction-in-progress. Construction-in-progress is recorded at acquisition cost, including installation costs. Construction-in-progress is transferred to specific property and equipment accounts and commences depreciation when these assets are ready for their intended use. **Land Use Rights** **According to the PRC laws, the government owns all the land in the PRC. Companies or individuals are authorized to possess and use the land only through land use rights granted by the Chinese government. The land use rights granted to the Company are being amortized using the straight-line method over the lease term of fifty years. Impairment of Long-Lived Assets** **Long-lived assets are evaluated for impairment periodically whenever events or changes in circumstances indicate that their related carrying amounts may not be recoverable in accordance with FASB ASC 360, "Property, Plant and Equipment."** **In evaluating long-lived assets for recoverability, the Company uses its best estimate of future cash flows expected to result from the use of the asset and eventual disposition in accordance with FASB ASC 360-10-15. To the extent that estimated future, undiscounted cash inflows attributable to the asset, less estimated future, undiscounted cash outflows, are less than the carrying amount, an impairment loss is recognized in an amount equal to the difference between the carrying value of such asset and its fair value. Assets to be disposed of and for which there is a committed plan of disposal, whether through sale or abandonment, are reported at the lower of carrying value or fair value less costs to sell. There was no impairment loss recognized for the six months ended June 30, 2024 and 2023. Lease** **ASC 842 supersedes the lease requirements in ASC 840 "Leases," and generally requires lessees to recognize operating and finance lease liabilities and corresponding right-of-use assets on the balance sheet and to provide enhanced disclosures surrounding the amount, timing and uncertainty of cash flows arising from leasing arrangements. Leases that transfer substantially all of the benefits and risks incidental to the ownership of assets are accounted for as finance leases as if there was an acquisition of an asset and incurrence of an obligation at the inception of the lease. All other leases are accounted for as operating leases. A sale-leaseback transaction occurs when an entity sells an asset it owns and immediately leases the asset back from the buyer. The seller then becomes the lessee and the buyer becomes the lessor. Under ASC 842, both parties must assess whether the buyer-lessor has obtained control of the asset and a sale has occurred. The Company has leased premises for its assembly site under non-cancellable operating leases since June 2022. Operating lease payments are expensed over the term of lease using straight line method. The Company's office leases have a 3-year term and the lease of its assembly site has a 5.5-year term. Usually within four months prior to the expiration date of a lease, the Company is required to notify the lessor and has a priority to continue renting the lease property if a lessor intends to lease property. The lease itself does not have restrictions or covenants. Any damage, if made by the lessee, to the property and equipment within the property has to be fixed or reimbursed by the lessee. The Company does not have any leases entered into that have not yet commenced. Under the terms of the lease agreements, the Company has no legal or contractual asset retirement obligations at the end of the leases.** **F-12** **GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES** **NOTES TO UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS** **NOTE 2** **SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)** **Revenue Recognition** **In accordance with ASC Topic 606, "Revenue from Contracts with Customers," the Company recognizes revenues when goods or services are transferred to customers in an amount that reflects the consideration which the Company expects to receive in exchange for those goods or services. In determining when and how revenues are recognized from contracts with customers, the Company performs the following five-step analysis: (i) identification of contract with customer; (ii) determination of performance obligations; (iii) measurement of the transaction price; (iv) allocation of the transaction price to the performance obligations and (v) recognition of revenues when (or as) the Company satisfies each performance obligation. The Company derives revenues from the processing, distribution and sale of its products. The Company recognizes its revenues net of value-added taxes ("VAT"). The Company is subject to VAT which had been levied at the rate of 17% on the invoiced value of sales until April 30, 2018, after which date the rate was reduced to 16%. VAT rate was further reduced to 13% starting from April 1, 2019. Output VAT is borne by customers in addition to the invoiced value of sales and input VAT is borne by the Company in addition to the invoiced value of purchases to the extent not refunded for export sales. Revenues are recognized at a point in time once the Company has determined that the customer has obtained control over the product. Control is typically deemed to have been transferred to the customer when the performance obligation is fulfilled, usually at the time of customers' acceptance or consumption, at the net sales price (transaction price) and each of the criteria under ASC 606 have been met. Contract terms may require the Company to deliver the finished goods to the customers' location or the customer may pick up the finished goods at the Company's factory. International sales are recognized when shipment clears customs and leaves the port. Payments due within two months after customers' acceptance or consumption. The Company adopted ASC 606 on January 1, 2018, using the transition method of Modified-Retrospective Method ("MRM"). The adoption of ASC 606 had no impact on the Company's beginning balance of retained earnings. The Company's contracts are all short-term in nature with a contract term of one year or less. Receivables are recorded when the Company has an unconditional right to consideration. Contracts do not offer any price protection but allow for the return of certain goods if there is a quality problem, which is standard warranty. The Company's product returns and recorded reserve for sales returns were minimal for the six months ended June 30, 2024 and 2023. The total sales return amount accounted for around 0.04% and 0.05% of the total revenue of Greenland for the six months ended June 30, 2024 and 2023, respectively. The total warrants expenditures amount accounted for around 0.46% and 0.23% of the total revenue of Greenland for the six months ended June 30, 2024 and 2023, respectively. The following table sets forth disaggregation of revenue:**

	For the three months ended June 30, 2024	For the six months ended June 30, 2024	For the three months ended June 30, 2023	For the six months ended June 30, 2023
Major Products	\$21,035,937	\$22,657,220	\$42,810,331	\$43,525,959
Transmission boxes for Forklift	\$1,981,323	\$1,981,323	\$1,981,323	\$1,981,323
Transmission boxes for Non-Forklift (EV, etc.)	\$912,229	\$912,229	\$912,229	\$912,229
Total	\$23,017,260	\$23,017,260	\$44,793,883	\$45,439,511

F-13 **GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES** **NOTES TO UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS** **NOTE 2** **SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)** **Cost of Goods Sold** **Cost of goods sold consists primarily of material costs, freight charges, purchasing and receiving costs, inspection costs, internal transfer costs, wages, employee compensation, amortization, depreciation and related costs, which are directly attributable to the production of products. Write-down of inventory to lower of cost or net realizable value is also recorded in cost of goods sold. Selling Expenses** **Selling expenses include operating expenses such as payroll and traveling and transportation expenses. General and Administrative Expenses** **General and administrative expenses include management and office salaries and employee benefits, depreciation for office facility and office equipment, travel and entertainment, legal and accounting, consulting fees and other office expenses. Research and Development** **Research and development costs are expensed as incurred and totaled approximately \$1.12 million and \$1.43 million for the three months ended June 30, 2024 and 2023, respectively. Research and development costs are expensed as incurred and totaled approximately \$2.11 million and \$2.55 million for the six months ended June 30, 2024 and 2023, respectively. Research and development costs are incurred on a project specific basis. Government Subsidies** **Government subsidies are recognized when there is reasonable assurance that the subsidy will be received and all attaching conditions will be complied with. When the subsidy relates to an expense item, it is recognized as income over the periods necessary to match the subsidy on a systematic basis to the costs that it is intended to compensate. Where the subsidy relates to an asset, it is recognized as other long-term liabilities and is released to the statement of operations over the expected useful life in a consistent manner with the depreciation method for the relevant asset. Total government subsidies recorded in the other long-term liabilities were \$1.38 million and \$1.53 million as of June 30, 2024 and December 31, 2023, respectively. Income Taxes** **The Company accounts for income taxes following the liability method pursuant to FASB ASC 740 "Income Taxes." Under this method, deferred tax assets and liabilities are determined based on the difference between the financial reporting and tax bases of assets and liabilities using enacted tax rates that will be in effect in the period in which the differences are expected to reverse. The Company records a valuation allowance to offset deferred tax assets if, based on the weight of available evidence, it is more-likely-than-not that some portion, or all, of the deferred tax assets will not be realized. The effect on deferred taxes of a change in tax rate is recognized in income in the period that includes the enactment date.** **F-14** **GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES** **NOTES TO UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS** **NOTE 2** **SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)** **The Company also follows FASB ASC 740, which addresses the determination of whether tax benefits claimed or expected to be claimed on a tax return should be recorded in the financial statements. The Company may recognize the tax benefit from an uncertain tax position only if it is more likely than not that the tax position will be sustained on examination by the taxing authorities, based on the technical merits of the position. The tax benefits recognized in the financial statements from such a position should be measured based on the largest benefit that has a greater than fifty percent likelihood of being realized upon ultimate settlement. ASC 740 also provides guidance on recognition, classification, interest and penalties on income taxes, accounting in interim periods and requires increased disclosures. As of June 30, 2024 and December 31, 2023, the Company did not have a liability for unrecognized tax benefits. It is the Company's policy to include penalties and interest expense related to income taxes as a component of other expense and interest expense, respectively, as necessary. The Company's historical tax years will remain open for examination by the local authorities until the statute of limitations has passed. Value-Added Tax** **Enterprises or individuals, who sell commodities, engage in repair and maintenance or import or export goods in the PRC are subject to a value added tax in accordance with PRC Laws. The VAT standard rate**

had been 17% of the gross sale price until April 30, 2018, after which date the rate was reduced to 16%. VAT rate was further reduced to 13% starting from April 1, 2019. A credit is available whereby VAT paid on the purchases of semi-finished products or raw materials used in the production of the Company's finished products can be used to offset the VAT due on the sales of the finished products. A Statutory Reserve A In accordance with the PRC Regulations on Enterprises with Foreign Investment, an enterprise established in the PRC with foreign investment is required to provide for certain statutory reserves, namely (i) a General Reserve Fund, (ii) an Enterprise Expansion Fund and (iii) a Staff Welfare and Bonus Fund, which are appropriated from net profit as reported in the enterprise's PRC statutory accounts. A wholly owned foreign enterprise is required to allocate at least 10% of its annual after-tax profit to the General Reserve Fund until the balance of such fund has reached 50% of its respective registered capital. A non-wholly owned foreign invested enterprise is permitted to provide for the above allocation at the discretion of its board of directors. Appropriations to the Enterprise Expansion Fund and Staff Welfare and Bonus Fund are at the discretion of the board of directors for all foreign invested enterprises. The reserves can only be used for specific purposes and are not distributable as cash dividends. A Comprehensive Income (Loss) A Comprehensive income (loss) is defined as the change in equity during the year from transactions and other events, excluding the changes resulting from investments by owners and distributions to owners, and is not included in the computation of income tax expense or benefit. Accumulated comprehensive income consists of foreign currency translation. The Company presents comprehensive income (loss) in accordance with ASC Topic 220, "Comprehensive Income." A F-15 A A GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES A NOTES TO UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS A NOTE 2 "SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED) A Earnings per share A The Company calculates earnings per share in accordance with ASC Topic 260 "Earnings per Share." Basic earnings per share is computed by dividing the net income(loss) attributable to Greenland Technologies Holding Corporation, by the weighted average number of ordinary shares outstanding during the period. Diluted earnings per share is computed similar to basic earnings per share except that the denominator is increased to include the number of additional ordinary shares that would have been outstanding if the potential ordinary shares equivalents had been issued and if the additional ordinary shares were dilutive. A Segments and Related Information A ASC 280 "Segment reporting" establishes standards for reporting information on operating segments in interim and annual financial statements. All of the Company's operations are considered by the chief operating decision maker to be aggregated in one reportable operating segment. A The Company is engaged in the business of manufacturing and selling various transmission boxes. The Company's manufacturing process is essentially the same for the entire Company and is performed in-house at the Company's facilities in the PRC. The Company's customers primarily consist of entities in the automotive, construction machinery or warehousing equipment industries. The distribution of the Company's products is consistent across the entire Company. In addition, the economic characteristics of each customer arrangement are similar in that the Company maintains policies at the corporate level. A Commitments and contingencies A In the normal course of business, the Company is subject to contingencies, including legal proceedings and environmental claims arising out of the normal course of businesses that relate to a wide range of matters, including among others, contracts breach liability. The Company records accruals for such contingencies based upon the assessment of the probability of occurrence and, where determinable, an estimate of the liability. Management may consider many factors in making these assessments including past history, scientific evidence and the specifics of each matter. The Company's management has evaluated all such proceedings and claims that existed as of June 30, 2024 and December 31, 2023. Normal course of businesses that relate to a wide range of matters, including among others, contracts breach liability. The Company records accruals for such contingencies based upon the assessment of the probability of occurrence and, where determinable, an estimate of the liability. Management may consider many factors in making these assessments including past history, scientific evidence and the specifics of each matter. The Company's management has evaluated all such proceedings and claims that existed as of June 30, 2024 and December 31, 2023. A Related Party A In general, related parties exist when there is a relationship that offers the potential for transactions at less than arm's-length, favorable treatment, or the ability to influence the outcome of events different from that outcome which might result in the absence of that relationship. A related party may be any of the following: a) an affiliate, which is a party that directly or indirectly controls, is controlled by, or is under common control with another party; b) a principle owner, owner of record or known beneficial owner of more than 10% of the voting interest of an entity; c) management, which are persons having responsibility for achieving objectives of the entity and requisite authority to make decision; d) immediate family of management or principal owners; e) a parent company and its subsidiaries; f) other parties that have ability to significant influence the management or operating policies of the entity; and g) other parties that can significantly influence the management or operating policies of the transacting parties or that have an ownership interest in one of the transacting parties and can significantly influence the other to an extent that one or more of the transacting parties might be prevented from fully pursuing its or their own separate interests. The Company discloses all significant related party transactions. A F-16 A A GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES A NOTES TO UNAUDITED "CONSOLIDATED FINANCIAL STATEMENTS A NOTE 2 "SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED) A Uncertainty and Risks A Political, Social and Economic Risks A A significant portion of the Company's operations are conducted in the PRC. Accordingly, the Company's business, financial condition and results of operations may be influenced by the political, economic and legal environment in the PRC, and by the general state of the PRC economy. A The Company's operations in the PRC are subject to special considerations and significant risks not typically associated with companies in North America and Western Europe. These include risks associated with, among others, the political, economic and legal environment and foreign currency exchange. The Company's results may be adversely affected by changes in the political and social conditions in the PRC, and by changes in governmental policies with respect to laws and regulations, anti-inflationary measures, currency conversion, remittances abroad, and rates and methods of taxation, among other things. A Currency Exchange Risk A The Company cannot guarantee that the current exchange rate will remain steady. Therefore, there is a possibility that the Company could post the same amount of profit for two comparable periods and yet, because of the fluctuating exchange rate, record higher or lower profit depending on exchange rate of RMB converted to U.S. dollars on the relevant dates. The exchange rate could fluctuate depending on changes in the political and economic environment without notice. A Concentration of Credit Risk A Financial instruments that potentially expose the Company to concentrations of credit risk consist primarily of cash in bank and accounts receivable. A The Company places its cash with financial institutions in the PRC and the U.S. Balances at financial institutions and state-owned banks within the PRC are covered by insurance up to RMB500,000 (USD70,000) per bank. As of June 30, 2024 and December 31, 2023, the Company's bank account balance in the PRC was \$23,313,985 and \$33,033,191, respectively, exceeding PRC deposit insurance of RMB500,000 (USD70,000) as of each year end. To date, the Company has not experienced any losses in such accounts. A The Company's bank deposits in the U.S. are insured to the maximum extent permitted by the Deposit Insurance Fund in the U.S. Dodd-Frank permanently increased the maximum amount of deposit insurance to \$250,000 per depositor, per insured institution for each account ownership category. Federal Deposit Insurance Corporation ("FDIC") insurance is backed by the full faith and credit of the United States government. As of June 30, 2024 and December 31, 2023, the Company's bank account balance in the United States was \$93,754 and \$3,797,076, respectively, exceeding FDIC insurance of \$250,000 as of each year end. To date, the Company has not experienced any losses in such accounts. A The Company conducts credit evaluations of customers, and generally does not require collateral or other security from its customers. The Company establishes an allowance for expected credit losses primarily based upon the factors surrounding the credit risk of specific customers. A Warrants A The Company accounts for warrants as either equity-classified or liability-classified instruments based on an assessment of the warrant's specific terms and applicable authoritative guidance in the ASC 480, Distinguishing Liabilities from Equity ("ASC 480") and ASC 815, Derivatives and Hedging ("ASC 815"). Management's assessment considers whether the warrants are freestanding financial instruments pursuant to ASC 480, whether they meet the definition of a liability pursuant to ASC 480, and whether the warrants meet all of the requirements for equity classification under ASC 815, including whether the warrants are indexed to the Company's own ordinary shares and whether the warrant holders could potentially require "net cash settlement" in a circumstance outside of the Company's control, among other conditions for equity classification. This assessment, which requires the use of professional judgment, is conducted at the time of warrant issuance and as of each subsequent quarterly period-end date while the warrants are outstanding. A For issued or modified warrants that meet all of the criteria for equity classification, they are recorded as a component of additional paid-in capital at the time of issuance. For issued or modified warrants that do not meet all the criteria for equity classification, they are recorded as warrant liability at their initial fair value on the date of issuance and subject to remeasurement each balance sheet date with changes in the estimated fair value of the warrants to be recognized as a non-cash gain or loss in the statement of operations. A F-17 A A GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES A NOTES TO UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS A NOTE 2 "SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED) A Recently Issued Accounting Pronouncements A Recent accounting pronouncements that the Company has adopted or may be required to adopt in the future are summarized below: A In June 2016, the FASB issued ASU 2016-13, Credit Losses, Measurement of Credit Losses on Financial Instruments. This ASU provides more useful information about expected credit losses to financial statement users and changes how entities will measure credit losses on financial instruments and timing of when such losses should be recognized. This ASU is effective for annual and interim periods beginning after December 15, 2019 for issuers and December 15, 2020 for non-issuers. Early adoption is permitted for all entities for annual periods beginning after December 15, 2018, and interim periods therein. In May 2019, the FASB issued ASU 2019-05, Financial Instruments "Credit Losses (Topic 326): Targeted Transition Relief. This update adds optional transition relief for entities to elect the fair value option for certain financial assets previously measured at amortized cost basis to increase comparability of similar financial assets. The updates should be applied through a cumulative-effect adjustment to retained earnings as of the beginning of the first reporting period in which the guidance is effective (that is, a modified retrospective approach). On November 19, 2019, the FASB issued ASU 2019-10 to amend the effective date for ASU 2016-13 to be fiscal years beginning after December 15, 2022 and interim periods therein. The Company adopted this guidance on January 1, 2023, and the adoption did not have a material impact on its consolidated financial statements. A In March 2023, the FASB issued an ASU to amend certain provisions of ASC 842 that apply to arrangements between related parties under common control. The ASU amends the accounting for the amortization period of leasehold improvements in common-control leases for all entities and requires certain disclosures when the lease term is shorter than the useful life of the asset. This ASU is

for fiscal years beginning after December 15, 2023, including interim periods within those fiscal years. Early adoption is permitted. We do not expect the application of this ASU to have a material impact on our consolidated financial statements or financial disclosures. In November 2023, Accounting Standards Update (ASU) 2023-07, "Improvements to Reportable Segment Disclosures" was issued. ASU 2023-07 requires, among other updates, enhanced disclosures about significant segment expenses that are regularly provided to the chief operating decision maker, as well as the aggregate amount of other segment items included in the reported measure of segment profit or loss. This aims to provide more decision-useful information to stakeholders by giving a clearer picture of the costs incurred by each reportable segment. ASU 2023-07 is effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024, and requires retrospective adoption. Early adoption is permitted. We are assessing the impact of this guidance on our disclosures. In December 2023, ASU 2023-09, "Improvements to Income Tax Disclosures" was issued. ASU 2023-09 requires enhanced annual disclosures regarding the rate reconciliation and income taxes paid. ASU 2023-09 is effective for fiscal years beginning after December 15, 2024, and may be adopted on a prospective or retrospective basis. Early adoption is permitted. We are assessing the impact of this guidance on our disclosures. Other accounting standards that have been issued by FASB that do not require adoption until a future date are not expected to have a material impact on the consolidated financial statements upon adoption. The Company does not discuss recent pronouncements that are not anticipated to have an impact on, or are unrelated to, its consolidated financial condition, results of operations, cash flows or disclosures. NOTE 3 "SHORT TERM INVESTMENT" As of June 30, 2024 and December 31, 2023, the Company's short term investment amounted to \$5,504,183 and \$2,818,068, respectively. In the six months ended June 30, 2024, the Company purchased bank management products in a total amount of \$5,544,006 (RMB40,000,000). As of June 30, 2024, the fair value of the Company's bank management products was \$5,504,183 (RMB40,000,000). F-18 A GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES A NOTES TO UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS A NOTE 4 "CONCENTRATION ON REVENUES AND COST OF GOODS SOLD" Concentration of major customers and suppliers: For the six months ended June 30, 2024 and 2023, Major customers representing more than 10% of the Company's revenues: Company A \$6,750,913 A 14.76% \$7,583,367 A 16.59% Company B A 5,424,577 A 11.86% A 4,934,803 A 10.79% Total Revenues \$12,175,490 A 26.62% \$12,518,170 A 27.38% As of June 30, 2024 and December 31, 2023, Major customers of the Company's accounts receivable, net: Company A A 2,303,134 A 10.52% A 2,143,828 A 12.36% Company B A 2,277,049 A 10.41% A 1,582,994 A 9.12% Company C A 1,385,357 A 6.33% A 1,415,116 A 8.16% Company D A 1,318,489 A 6.03% A 1,370,447 A 7.90% Company E A 1,238,557 A 5.66% A 1,192,684 A 6.87% Company F A 1,181,169 A 5.40% A 746,874 A 4.30% Total \$9,703,755 A 44.35% \$8,451,944 A 48.71% Accounts receivable from the Company's major customers accounted for 44.35% and 48.71% of total accounts receivable balances as of June 30, 2024 and December 31, 2023, respectively. There were no suppliers representing more than 10% of the Company's total purchases for the six months ended June 30, 2024 and 2023, respectively. NOTE 5 "ACCOUNTS RECEIVABLE" Accounts receivable is net of allowance for expected credit losses. As of June 30, 2024 and December 31, 2023, Accounts receivable \$23,295,414 A \$17,351,398 Less: allowance for expected credit losses A (1,412,545) A (867,865) Accounts receivable, net \$21,882,869 A \$16,483,533 A Changes in the allowance for expected credit losses are as follows: As of June 30, 2024 and December 31, 2023, Beginning balance \$867,865 A \$762,325 Additional provision charged to expense A 568,744 A 127,646 Effect of foreign exchange change A (24,064) A (22,106) Ending balance \$1,412,545 A \$867,865 F-19 A GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES A NOTES TO UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS A NOTE 6 "INVENTORIES, NET" As of June 30, 2024 and December 31, 2023, inventories consisted of the following: As of June 30, 2024 and December 31, 2023, Raw materials \$7,379,602 A \$9,337,110 Revolving material A 1,121,164 A 1,143,558 Consigned processing material A 32,026 A 60,754 Work-in-progress A 2,591,658 A 2,501,368 Finished goods A 9,638,318 A 12,192,937 Less: inventory impairment A (511,433) A (638,932) Inventories, net \$20,251,335 A \$24,596,795 A Changes in the inventory reserves are as follows: As of June 30, 2024 and December 31, 2023, Beginning balance \$638,932 A \$375,846 (Reversal of) inventory write-downs A (120,097) A 271,233 Effect of foreign exchange change A (7,402) A (8,147) Ending balance \$511,433 A \$638,932 NOTE 7 "NOTES RECEIVABLE" As of June 30, 2024 and December 31, 2023, Bank notes receivable: \$28,844,085 A \$27,135,249 Commercial notes receivable A 2,118,195 A - A Total \$30,962,280 A \$27,135,249 A Bank notes and commercial notes are means of payment from customers for the purchase of the Company's products and are issued by financial institutions or business entities, respectively, that entitle the Company to receive the full nominal amount from the issuers at maturity, which bear no interest and generally range from three to six months from the date of issuance. As of June 30, 2024, the Company pledged notes receivable for an aggregate amount of \$20.52 million to Bank of Hangzhou as a means of security for issuance of bank acceptance notes in an aggregate amount of \$17.42 million. As of December 31, 2023, the Company pledged notes receivable for an aggregate amount of \$21.85 million to Bank of Hangzhou as a means of security for issuance of bank acceptance notes in an aggregate amount of \$19.35 million. The Company expects to collect notes receivable within 6 months after the issuance date of bank acceptance notes. Due to the short term, high-quality credit rating of these commercial banks and no losses have occurred in history, for the six months ended June 30, 2024 and 2023, the Company had no allowance for expected credit losses for notes receivable. F-20 A GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES A NOTES TO UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS A NOTE 8 "PROPERTY, PLANT AND EQUIPMENT AND CONSTRUCTION IN PROGRESS" (a) As of June 30, 2024 and December 31, 2023, property, plant and equipment consisted of the following: As of June 30, 2024 and December 31, 2023, Buildings \$11,181,430 A \$11,444,906 Machinery A 21,824,680 A 20,974,546 Motor vehicles A 328,934 A 336,541 Electronic equipment A 218,086 A 246,207 Total property plant and equipment, at cost A 33,553,130 A 33,002,200 A Less: accumulated depreciation A (19,844,051) A (19,325,844) Property, plant and equipment, net \$13,709,079 A \$13,676,356 Construction in process A 5,912 A 22,641 Total \$13,714,991 A \$13,698,997 A For the six months ended June 30, 2024 and 2023, depreciation expense amounted to \$1.00 million and \$1.07 million, respectively, of which \$0.61 million and \$0.60 million, respectively, was included in cost of revenue and inventories, and the remainder was included in general and administrative expense and research and development expenses, respectively. For the six months ended June 30, 2024 and 2023, \$0.40 million and nil of construction-in-progress was converted into fixed assets. Restricted assets consist of the following: As of June 30, 2024 and December 31, 2023, Buildings, net \$1,914,212 A \$2,024,994 Total A 1,914,212 A 2,024,994 A As of June 30, 2024, the Company pledged its ownership interests in certain buildings for book value of RMB13.91 million (\$1.91 million) as security with Communications Bank of PRC for its loan facility with maximum exposure of RMB60.01 million. NOTE 9 "LAND USE RIGHTS, NET" Land use rights consisted of the following: As of June 30, 2024 and December 31, 2023, Land use rights, cost A 4,233,626 A 4,333,386 Less: Accumulated amortization A (906,847) A (884,881) Land use rights, net \$3,326,779 A \$3,448,505 A As of June 30, 2024, the Company had land use rights with net book value of \$1.10 million, which were pledged as collateral for the Company's short-term bank loans. As of December 31, 2023, the Company had land use rights with net book value of \$1.14 million, which were pledged as collateral for the Company's short-term bank loans. Estimated future amortization expense is as follows as of June 30, 2024: Years ending June 30, Amortization expense 2025 \$85,285 2026 A 85,285 2027 A 85,285 2028 A 85,285 2029 A 85,285 Thereafter A 2,900,354 Total \$3,326,779 A F-21 A GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES A NOTES TO UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS A NOTE 10 "FIXED DEPOSIT" As of June 30, 2024 and December 31, 2023, fixed deposit consisted of the following: As of June 30, 2024 and December 31, 2023, Three-year bank deposit \$4,342,574 A \$9,916,308 Total \$4,342,574 A \$9,916,308 A All fixed deposit were deposited in local banks in the PRC and the deposit term is three years. Fixed deposits will expire in 2026. NOTE 11 "NOTES PAYABLE-BANK ACCEPTANCE NOTES" As of June 30, 2024 and December 31, 2023, Bank acceptance notes \$31,407,248 A \$36,712,562 Total \$31,407,248 A \$36,712,562 A The interest-free notes payable, ranging from six months to one year from the date of issuance, were secured by \$3.91 million and \$5.21 million restricted cash, and \$20.52 million and \$21.85 million notes receivable, as of June 30, 2024 and December 31, 2023, respectively. All the notes payable are subject to bank charges of 0.05% of the principal amount as commission, included in the financial expenses in the statement of operations, on each loan transaction. The interest charge of notes payable is free. NOTE 12 "ACCOUNTS PAYABLE" Accounts payable are summarized as follow: As of June 30, 2024 and December 31, 2023, Procurement of Materials \$24,421,350 A \$25,011,515 Infrastructure & Equipment A 233,445 A 43,530 Freight fee A 138,378 A 217,483 Total \$24,793,173 A \$25,272,528 A NOTE 13 "SHORT TERM BANK LOANS" Short-term loans are summarized as follow: As of June 30, 2024 and December 31, 2023, Collateralized bank loans \$A A A A \$2,760,602 Unsecured bank loans A A A 281,694 Total \$A A \$3,042,296 A F-22 A GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES A NOTES TO UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS A NOTE 13 "SHORT TERM BANK LOANS (CONTINUED)" Short-term loans as of December 31, 2023 are as follow: Maturity Date Type Bank Name Interest Rate per Annum (%) A December 31, 2023 July 22, 2024 Operating Loans Bank of Zhesang A 3.60 A \$1,352,132 July 25, 2024 Operating Loans Bank of Hangzhou A 3.55 A A 1,408,470 February 22, 2024 Operating Loans Industrial and Commercial Bank of Xinchang A 3.45 A \$281,694 Total A A A A \$3,042,296 A All short-term bank loans were obtained from local banks in the PRC and are repayable within one year. On June 27, 2022, Zhejiang Zhongchai signed a Maximum Amount Pledge Contract with Bank of Communications Co. LTD., pledging its land use rights and property ownership as security, for a loan facility with a maximum principal amount of US\$8.28 million (RMB60.01 million) during the period from June

\$2,031,355Â \$2,091,507Â F-23 Â GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES Â NOTES TO UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS Â NOTE 15 æ“ DEFERRED REVENUE Â Deferred revenue is summarized as follows: Â Â As of Â June 30, 2024Â Â DecemberÂ 31, 2023Â SubsidyÂ Â 1,381,686Â Â 1,529,831Â TotalÂ \$1,381,686Â Â \$1,529,831Â Â Subsidy mainly consists of an incentive granted by the Chinese government to encourage transformation of fixed assets in China and other miscellaneous subsidy from the Chinese government.Â As of June 30, 2024, grant income decreased by \$0.15 million, as compared to December 31, 2023. The change was mainly due to timing of incurring qualifying expenses. Â NOTE 16 æ“ LEASES Â The Company leases its corporate offices and assembly site under operating leases, with initial terms of 5.58 years, respectively. Usually within four months prior to the expiration date of a lease, the Company is required to notify the lessor and has a priority to continue renting the lease property if a lessor intends to lease property. The lease itself does not have restrictions or covenants. Any damage, if made by the lessee, to the property and equipment within the property has to be fixed or reimbursed by the lessee. Â Supplemental balance sheet information related to leases as of Â June 30, 2024 and DecemberÂ 31, 2023Â is as follows: Â Â As of Â June 30, 2024Â Â DecemberÂ 31, 2023Â Assets:Â Â Â Â Right-of-use assetsÂ \$1,871,826Â Â \$2,125,542Â Liabilities:Â Â Â Â Â Lease liabilitiesÂ \$495,693Â Â \$487,695Â Lease liabilitiesÂ Â 1,432,987Â Â 1,684,614Â Total operating lease liabilitiesÂ \$1,928,680Â Â \$2,172,309Â Lease term and discount rateÂ Â Â Â Â Weighted average remaining lease term (in years)Â Â 3.42Â Â 2.09Â Weighted average discount rateÂ Â 4.27Â Â 4.5Â Â The following summarizes the components of operating lease expense and provides supplemental cash flow information for operating leases: Â Â For the six months ended June 30,Â Â 2024Â Â 2023Â Components of lease expense:Â Â Â Â Operating lease expenseÂ \$308,146Â Â \$308,407Â Total lease expenseÂ \$308,146Â Â \$308,407Â Â The following table summarizes the maturity of lease liabilities under operating leases as of June 30, 2024: Â For the years ending June 30,Â Operating LeasesÂ 2025Â \$580,899Â 2026Â Â 597,688Â 2027Â Â 615,067Â 2028Â Â 315,756Â Total lease paymentsÂ \$2,109,410Â Less: imputed interestÂ Â (180,730) Present value of lease liabilitiesÂ Â 1,928,680Â Â F-24 Â GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES Â NOTES TO UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS Â NOTE 17 æ“ WARRANT LIABILITY Â The Company accounts for warrants as either equity-classified or liability-classified instruments based on an assessment of the warrant’s specific terms and applicable authoritative guidance in FASBASC 480, Distinguishing Liabilities from Equity (æœASC 480œ) and ASC 815. The assessment considers whether the warrants are freestanding financial instruments pursuant to ASC 480, meet the definition of a liability pursuant to ASC 480, and whether the warrants meet all of the requirements for equity classification under ASC 815, including whether the warrants are indexed to the Company’s own ordinary shares and whether the warrant holders could potentially require æœnet cash settlementœ in a circumstance outside of the Company’s control, among other conditions for equity classification. This assessment, which requires the use of professional judgment, is conducted at the time of warrant issuance and as of each subsequent quarterly period end date while the warrants are outstanding. Â For issued or modified warrants that meet all of the criteria for equity classification, the warrants are required to be recorded as a component of additional paid-in capital at the time of issuance. For issued or modified warrants that do not meet all the criteria for equity classification, the warrants are required to be recorded at their initial fair value on the date of issuance, and each balance sheet date thereafter. Changes in the estimated fair value of the warrants are recognized as a non-cash gain or loss on the statements of operations. Â In connection with the registered direct offering closed on July 27, 2022, the Company issued to an investor a warrant to purchase up to 4,530,000 ordinary shares at an exercise price of \$4.49 per share. The warrant became exercisable on January 27, 2023 and will expire on January 26, 2028. Â The warrants meet the definition of a derivative under FASB ASC 815, as the Company cannot avoid a net cash settlement under certain circumstances. The fair value of the warrant liabilities was measured using a Black-Scholes model. Significant inputs into the model as of the reporting period begin remeasurement dates, and as of the reporting period end remeasurement dates are as follows: Â Â Ordinary Share WarrantsÂ Â Ordinary Share WarrantsÂ Â June 30, 2024Â Â DecemberÂ 31, 2023Â Â Â Â Share priceÂ \$1.40Â Â \$2.79Â Exercise priceÂ \$4.49Â Â \$4.49Â Expected term (years)Â Â 1.79Â Â 2.04Â Risk-free interest rateÂ Â 4.8%Â Â 4.2% Expected volatilityÂ Â 90.00%Â Â 80.00% Â The warrants outstanding and fair values at each of the respective valuation dates are summarized below: Â Â As of Â June 30, 2024Â Â DecemberÂ 31, 2023Â Number of ordinary share warrantsÂ Â 4,530,000Â Â 4,530,000Â Fair value of the warrantsÂ \$1,180,281Â Â \$4,084,605Â Â The fair value of the warrants was classified as a liability of \$4,084,605 as of December 31, 2023. For the six months ended June 30, 2024, the Company recognized a gain of \$2,904,324 for the investor warrant from the change in fair value of the warrant liability. As a result, the warrant liability is carried on the consolidated balance sheets at the fair value of \$1,180,281 for the investor warrant, collectively, as of June 30, 2024. Â F-25 Â GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES Â NOTES TO UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS Â NOTE 18 æ“ SHAREHOLDER’S EQUITY Â Preferred SharesÂ æ“ The Company is authorized to issue an unlimited number of no par value preferred shares, divided into five classes, Class A through Class E, each with such designation, rights and preferences as may be determined by a resolution of the Company’s board of directors to amend the Memorandum and Articles of Association to create such designations, rights and preferences. The Company has five classes of preferred shares to give the Company flexibility as to the terms on which each class is issued. All shares of a single class must be issued with the same rights and obligations. Accordingly, starting with five classes of preferred shares will allow the Company to issue shares at different times on different terms. As of June 30, 2024 and December 31, 2023, there were no preferred shares designated, issued or outstanding. Â Ordinary SharesÂ æ“ The Company is authorized to issue an unlimited number of no par value ordinary shares. Holders of the Company’s ordinary shares are entitled to one vote for each share. As of June 30, 2024 and December 31, 2023, there were 13,594,530 and 13,594,530 ordinary shares issued and outstanding. Â Warrants æ“ Redeemable warrants sold as part of the units in the Company’s initial public offering, or the Public Warrants (together with the Private Warrants (as defined below), the æœWarrantsœ) may only be exercised for a whole number of shares. No fractional shares will be issued upon exercise of the Public Warrants. The Public Warrants have been exercisable since October 24, 2019. No Public Warrants will be exercisable for cash unless the Company has an effective and current registration statement covering the ordinary shares issuable upon exercise of the Public Warrants and a current prospectus relating to such ordinary shares. Notwithstanding the foregoing, if a registration statement covering the ordinary shares issuable upon the exercise of the Public Warrants is not effective within 90 days from the consummation of a Business Combination, the holders may, until such time as there is an effective registration statement and during any period when the Company shall have failed to maintain an effective registration statement, exercise the Public Warrants on a cashless basis pursuant to an available exemption from registration under the Securities Act of 1933, as amended. If an exemption from registration is not available, holders will not be able to exercise their Public Warrants on a cashless basis. The Public Warrants will expire five years from the consummation of a Business Combination or earlier upon redemption or liquidation. Â The Company may call the warrants for redemption (excluding the Private Warrants (as defined below)), in whole and not in part, at a price of \$0.01 per warrant: Â Â — At any time while the Public Warrants are exercisable, Â Â — Upon not less than 30 days’ prior written notice of redemption to each Public Warrant holder, Â Â — If, and only if, the reported last sale price of the ordinary shares equals or exceeds \$16.50 per share, for any 20 trading days within a 30 trading day period ending on the third trading day prior to the notice of redemption to Public Warrant holders, and Â Â — If, and only if, there is a current registration statement in effect with respect to the ordinary shares underlying such warrants at the time of redemption and for the entire 30-day trading period referred to above and continuing each day thereafter until the date of redemption. Â F-26 Â GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES Â NOTES TO UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS Â NOTE 18 æ“ SHAREHOLDER’S EQUITY (CONTINUED) Â If the Company calls the Public Warrants for redemption, management will have the option to require all holders that wish to exercise the Public Warrants to do so on a æœcashless basis,œ as described in the warrant agreement. The exercise price and number of ordinary shares issuable upon exercise of the warrants may be adjusted in certain circumstances including in the event of a stock dividend, extraordinary dividend or recapitalization, reorganization, merger or consolidation. However, the warrants will not be adjusted for issuances of ordinary shares at a price below its exercise price. Additionally, in no event will the Company be required to net cash settle the warrants. Accordingly, the warrants may expire worthless. Â Private warrants include (i) the 282,000 warrants underlying the units issued to Greenland Asset Management Corporation (the æœSponsorœ) and Chardan Capital Markets, LLC (the æœChardanœ) in a private placement in connection with our initial public offering (æœPrivate Unit Warrantsœ), and (ii) 120,000 warrants held by Chardan upon the exercise of its unit purchase option to purchase 120,000 units in March 2021 (æœOption Warrants,œ together with Private Unit Warrants, the æœPrivate Warrantsœ). The Private Warrants are identical to the Public Warrants underlying the units sold in the Initial Public Offering, except that the Private Warrants and the ordinary shares issuable upon the exercise of the Private Warrants are not transferable, assignable or saleable until 30 days after the completion of a Business Combination, subject to certain limited exceptions. Additionally, the Private Warrants are exercisable on a cashless basis and are non-redeemable so long as they are held by the initial purchasers or their permitted transferees. If the Private Warrants are held by someone other than the initial purchasers or their permitted transferees, the Private Warrants will be redeemable by the Company and exercisable by such holders on the same basis as the Public Warrants. Â On July 25, 2022, the Company issued to an investor a warrant to purchase up to 4,530,000 ordinary shares at an exercise price of \$4.49 per share. The warrant became exercisable on January 27, 2023 and will expire on January 26, 2028. Â As of June 30, 2024, there were a total of 4,705,312 Warrants outstanding, including 4,303,312 Public Warrants held by CEDE & CO, and 142,000 and 260,000 Private Warrants held by Chardan and the Sponsor, respectively. Â Unit Purchase Option Â On July 27, 2018, the Company sold to Chardan (and its designees), for \$100, an option to purchase up to 240,000 units exercisable at \$11.50 per unit (or an aggregate exercise price of \$2,760,000), commencing on the consummation of the Business Combination. The unit purchase option may be exercised for cash or on a cashless basis, at the holder’s option, and expired on July 24, 2023. The units issuable upon exercise of the option are identical to those offered in the initial public offering. The Company accounted for the unit purchase option, inclusive of the receipt of \$100 cash payment, as an expense of the initial public offering resulting in a charge directly to shareholders’ equity. The option and such units purchased pursuant to the option, as well as the ordinary shares underlying such units, the rights included in such units, the ordinary shares that are issuable for the rights included in such units, the warrants included in such units, and the shares underlying such warrants, have been deemed compensation by FINRA and are therefore subject to a 180-day lock-up pursuant to Rule 5110(g) (1) of FINRA’s Nasdaq Conduct Rules. Additionally, the option may not be sold, transferred, assigned,

pledged or hypothecated for a one-year period (including the foregoing 180-day period) following the date of initial public offering except to any underwriter and selected dealer participating in the initial public offering and their bona fide officers or partners. The option grants to holders demand and “piggy back” rights for periods of five and seven years, respectively, from the effective date of the registration statement with respect to the registration under the Securities Act of 1933, as amended, of the securities directly and indirectly issuable upon exercise of the option. The Company will bear all fees and expenses attendant to registering the securities, other than underwriting commissions which will be paid for by the holders themselves. The exercise price and number of units issuable upon exercise of the option may be adjusted in certain circumstances including in the event of a stock dividend, or the Company’s recapitalization, reorganization, merger or consolidation. However, the option will not be adjusted for issuances of ordinary shares at a price below its exercise price. As of June 30, 2024, the unit purchase option had expired and no unit purchase option exercisable by Chardan is outstanding. F-27 GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES NOTES TO UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS NOTE 19 EARNINGS PER SHARE The Company reports earnings per share in accordance with the provisions of the FASB’s related accounting standard. This standard requires presentation of basic and diluted earnings per share in conjunction with the disclosure of the methodology used in computing such earnings per share. Basic earnings per share excludes dilution, but includes vested restricted stocks and is computed by dividing income available to shareholders by the weighted average ordinary shares outstanding during the period. Diluted earnings per share takes into account the potential dilution that could occur if securities or other contracts to issue ordinary shares were exercised and converted into ordinary shares. The following is a reconciliation of the basic and diluted earnings per share computation:

	For the three months ended June 30, 2024	For the six months ended June 30, 2024	2023	2023
Net income attributable to the Greenland Technologies Holding Corporation and subsidiaries	\$4,650,910	\$2,399,138	\$7,153,113	\$3,846,113
Weighted average basic and diluted computation shares outstanding	13,594,530	12,978,504	13,594,530	12,978,504
Diluted effect of stock options and warrants	0.34	0.18	0.53	0.30
Weighted average shares used in diluted computation	13,594,530	13,594,530	12,978,504	13,594,530
Basic and diluted net income per share	\$0.34	\$0.18	\$0.53	\$0.30

For the six months ended June 30, 2024 and 2023, 4,530,000 shares underlying outstanding warrants to an investor were excluded from the calculation of diluted loss per share as the warrants were anti-dilutive. The exercise price of the warrants is higher than the average price of ordinary shares during the periods, so the warrants are “out-of-the-money” and result in an anti-dilutive effect on earnings per share. NOTE 20 GEOGRAPHICAL SALES AND SEGMENTS All of the Company’s operations are considered by the chief operating decision maker to be aggregated in one reportable operating segment. Information for the Company’s sales by geographical area for the three and six months ended June 30, 2024 and 2023 are as follows:

	For the three months ended June 30, 2024	For the six months ended June 30, 2024	2023	2023
Domestic Sales	\$21,528,513	\$23,145,468	\$44,052,573	\$45,274,690
International Sales	\$1,488,747	\$423,981	\$1,688,278	\$444,119
Total	\$23,017,260	\$23,569,449	\$45,740,851	\$45,718,809

F-28 GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES NOTES TO UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS NOTE 21 INCOME TAXES Income tax expense includes a provision for federal, state and foreign taxes based on the annual estimated effective tax rate applicable to the Company and its subsidiaries, adjusted for items which are considered discrete to the period. The effective tax rates on income before income taxes for the six months ended June 30, 2024 was 4.98%. The effective tax rate for the six months ended June 30, 2024 was lower than the PRC tax rate of 25.0% primarily due to the China Super R&D deduction. The effective tax rates on income before income taxes for the six months ended June 30, 2023 was 10.03%. The effective tax rate for the six months ended June 30, 2023 was lower than the PRC tax rate of 25.0% primarily due to the China Super R&D deduction. The Company has recorded nil unrecognized benefit as of June 30, 2024 and December 31, 2023, respectively. On the information currently available, the Company does not anticipate a significant increase or decrease to its unrecognized benefit within the next 12 months. NOTE 22 COMMITMENTS AND CONTINGENCIES Guarantees and pledged collateral for bank loans to other parties: Pledged collateral for bank loans. On June 27, 2022, Zhejiang Zhongchai signed a Maximum Amount Pledge Contract with Bank of Communications Co. LTD., pledging its land use rights and property ownership as security, for a loan facility with a maximum principal amount of US\$8.28 million (RMB60.01 million) during the period from June 27, 2022 to June 26, 2027. As of June 30, 2024 and December 31, 2023, the outstanding amount of the short-term bank loan under this pledge contract was nil. F-29 GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES NOTES TO UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS NOTE 22 COMMITMENTS AND CONTINGENCIES (CONTINUED) Facility Leases The Company has leased premises for its assembly site under non-cancellable operating leases since June 2022. See further discussion in NOTE 16 LEASES. Rent expense is recognized on a straight-line basis over the terms of the operating leases accordingly and the Company records the difference between cash rent payments and the recognition of rent expense as a deferred rent liability. The following are the aggregate non-cancellable future minimum lease payments under operating and financing leases as of June 30, 2024:

	For the years ending June 30, 2025	2025
Operating Leases	\$34,460	Total lease payments
RELATED PARTY TRANSACTIONS (a) Names and Relationship of Related Parties:	Existing Relationship with the Company Cennro Holding Limited	Controlling shareholder of the Company Cennro Smart Manufacturing Tech. Co., Ltd. Under common control of Peter Zuguang Wang Zhuhai Hengzhong Industrial Investment Fund (Limited Partnership) Under common control of Peter Zuguang Wang Peter Zuguang Wang Chairman of the Board of Directors of the Company

F-30 GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES NOTES TO UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS NOTE 23 RELATED PARTY TRANSACTIONS (CONTINUED) (b) Summary of Balances with Related Parties:

	As of June 30, 2024	December 31, 2023
Due to related parties:	Cennro Smart Manufacturing Tech. Co., Ltd. \$2,546	\$2,606
Zhuhai Hengzhong Industrial Investment Fund (Limited Partnership)	\$94,442	\$94,442
Cennro Holding Limited	\$1,341,627	\$1,341,627
Peter Zuguang Wang	\$42,392,961	\$42,392,961
Total	\$3,831,576	\$3,831,636

All balances of due to related parties as of June 30, 2024 and December 31, 2023 were unsecured, interest-free and had no fixed terms of repayments. The balance of due to related parties as of June 30, 2024 and December 31, 2023 consisted of:

- 1 Employee wages paid by Cennro Smart Manufacturing Tech. Co., Ltd. on the Company’s behalf;
- 2 Temporary borrowings from Zhuhai Hengzhong Industrial Investment Fund (Limited Partnership);
- 3 Total dividend payment of \$7.6 million declared by Zhongchai Holding to Cennro Holding Limited. As of December 31, 2019, the balance was \$1.34 million, and no further payments had been made since then;
- 4 Payable to Peter Zuguang Wang for capital reduction due to the dissolution of Shanghai Hengyu Business Management Consulting Co., Ltd. on July 10, 2023.

As of June 30, 2024 and December 31, 2023, Due from related parties-current, net:

	As of June 30, 2024	December 31, 2023
Zhuhai Hengzhong Industrial Investment Fund (Limited Partnership)	\$228,311	\$225,927
Total	\$228,311	\$225,927

The balance of due from related parties as of June 30, 2024 and December 31, 2023 consisted of:

- Other receivable from Zhuhai Hengzhong Industrial Investment Fund (Limited Partnership) was \$0.23 million and \$0.23 million as of June 30, 2024 and December 31, 2023, respectively. It’s a loan with annual interest rate of 4.785%.
- (c) Summary of Related Party dividend payment: A summary of dividend payment declared by Zhejiang Zhongchai to related parties for the six months ended June 30, 2024 and 2023 are listed below:

	For the six months ended June 30, 2024	2023
Dividend payment to related parties:	Xinchang County Jiuxin Investment Management Partnership (LP)	\$208,524
Xinchang County Jiuhe Investment Management Partnership (LP)	\$495,071	NOTE 24 SUBSEQUENT EVENTS Management has evaluated subsequent events through the date that the financial statements were available to be issued, which is August 14, 2024. All subsequent events requiring recognition as of June 30, 2024 have been incorporated into these financial statements and there are no other subsequent events that require disclosure in accordance with FASB ASC Topic 855.

F-31 ITEM 2. MANAGEMENT’S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATION The following discussion and analysis of financial condition and results of operations relates to the operations and financial condition reported in the consolidated financial statements of the Company thereto, which appear elsewhere in this quarterly report on Form 10-Q, and should be read in conjunction with such financial statements and related notes included in this quarterly report on Form 10-Q. Except for the historical information contained herein, the following discussion, as well as other information in this report, contain “forward-looking statements,” within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), and are subject to the “safe harbor” created by those sections. Actual results and the timing of the events may differ materially from those contained in these forward-looking statements due to many factors, including those discussed in the “Forward-Looking Statements” set forth elsewhere in this quarterly report on Form 10-Q. Overview Greenland Technologies Holding Corporation (the “Company” or “Greenland”) designs, develops, manufactures and sells components and products for the global material handling industries. Through its PRC subsidiaries, Greenland offers transmission products, which are key components for forklift trucks used in manufacturing and logistic applications, such as factories, workshops, warehouses, fulfillment centers, shipyards, and seaports. Forklifts play an important role in the logistic systems of many companies across different industries in China and globally. Generally, industries with the largest demand for forklifts include the transportation, warehousing logistics, electrical machinery, and automobile industries. Greenland’s revenue increased from approximately \$45.72 million for the six months ended June 30, 2023 to \$45.74 million for the six months ended June 30, 2024. The increase in revenue was primarily the result of an increase in the Company’s sales volume, driven by increasing market demand for electric industrial equipment for the six months ended June 30, 2024. Nevertheless, based on the revenues for the six months ended June 30, 2024 and 2023, Greenland believes that it is one of the major developers and manufacturers of transmission products for small and medium-sized forklift trucks in China. Greenland’s transmission products are used in 1-ton to 15-tons forklift trucks, some with mechanical shift and some with automatic shift. Greenland sells these transmission products directly to forklift-truck manufacturers. For the six months ended June 30, 2024 and 2023, Greenland sold an aggregate of 80,496 and 75,097 sets of transmission products, respectively, to more than 100 forklift manufacturers in the PRC. In January 2020, Greenland launched HEVI Corp. (“HEVI”), formerly known as Greenland Technologies Corp. to focus on the production and sale of electric industrial vehicles to meet the increasing demand for electric industrial vehicles and machinery powered by sustainable energy in order to reduce air

pollution and lower carbon emissions. HEVI is a wholly owned subsidiary of Greenland incorporated under the laws of the State of Delaware. HEVI's electric industrial vehicle products currently include GEF-series electric forklifts, a series of lithium powered forklifts with three models ranging in size from 1.8 tons to 3.5 tons, GEL-1800, a 1.8 ton rated load lithium powered electric wheeled front loader, GEX-8000, an all-electric 8.0 ton rated load lithium powered wheeled excavator, and GEL-5000, an all-electric 5.0 ton rated load lithium wheeled front loader. In addition, HEVI introduced a line of mobile DC battery chargers that support DC powered EV applications in the North America market. These products are available for purchase in the United States (the "U.S.") market. In August 2022, Greenland launched a 54,000 square foot industrial electric vehicle assembly site in Baltimore, Maryland to support local services, assembly and distribution of its electric industrial heavy equipment products line. In July 2024, HEVI announced a partnership with Lonking Holdings Limited to develop and distribute heavy electric machinery and related technology specialized for the US market. A 2 A Greenland serves as the parent company of Zhongchai Holding (Hong Kong) Limited, a holding company formed under the laws of the Hong Kong Special Administrative Region (the "Hong Kong") on April 23, 2009 (the "Zhongchai Holding"). Zhongchai Holding's subsidiaries include Zhejiang Zhongchai Machinery Co. Ltd., an operating company formed under the laws of the People's Republic of China (the "PRC" or the "China") in 2005, Hangzhou Greenland Energy Technologies Co., Ltd. (the "Hangzhou Greenland"), an operating company formed under the laws of the PRC in 2019, and Hengyu Capital Limited, a company formed in Hong Kong on August 16, 2022 (the "Hengyu Capital"). Through Zhongchai Holding and its subsidiaries, Greenland develops and manufactures traditional transmission products for material handling machineries in the PRC. A Greenland was incorporated on December 28, 2017 as a British Virgin Islands company with limited liability. Following the Business Combination (as described and defined below) in October 2019, the Company changed its name from Greenland Acquisition Corporation to Greenland Technologies Holding Corporation. A Results of Operations A For the three months ended June 30, 2024 and 2023 A Overview A A For the three months ended June 30 A A 2024 A A 2023 A A Change A A Variance A A A A A A A A A A Revenues A \$23,017,260 A A \$23,569,449 A A (\$552,189) A A (2.3)% Cost of Goods Sold A A 16,243,205 A A 16,641,612 A A A (398,407) A A (2.4)% Gross Profit A A 6,774,055 A A 6,927,837 A A A (153,782) A A (2.2)% Selling expenses A A 465,146 A A 574,040 A A A (108,894) A A (19.0)% General and administrative expenses A A 1,199,492 A A 1,519,564 A A A (320,072) A A (21.1)% Research and development expenses A A 1,123,063 A A 1,425,394 A A A (302,331) A A (21.2)% Total Operating Expenses A A 2,787,701 A A 3,518,998 A A A (731,297) A A (20.8)% Income from operations A A 3,986,354 A A A (36,008) A A 3,408,839 A A 577,515 A A 16.9% Interest income A A 215,732 A A 44,683 A A A 171,049 A A 382.8% Interest expenses A A 36,008 A A (79,504) A A 43,496 A A A (54.7)% Change in fair value of the warrant liability A A 1,869,018 A A A A 1,869,018 A A 100.0% Loss on disposal of property and equipment A A 556 A A A (239) A A 795 A A A (332.6)% Other income A A 518,333 A A A (128,768) A A 647,101 A A A (502.5)% Income before income tax A A 6,553,985 A A 3,245,011 A A A 3,308,974 A A 102.0% Income tax A A 680,801 A A A 304,815 A A A 375,986 A A A 123.3% Net income A A 5,873,184 A A 2,940,196 A A A 2,932,988 A A 99.8% A 3 A A Components of Results of Operations A A For the three months ended June 30 A A Component of Results of Operations A A 2024 A A 2023 A A A Revenues A \$23,017,260 A A \$23,569,449 A A Cost of Goods Sold A A 16,243,205 A A 16,641,612 A A Gross Profit A A 6,774,055 A A 6,927,837 A A Operating Expenses A A 2,787,701 A A 3,518,998 A A Net Income A A 5,873,184 A A 2,940,196 A A Revenue A Greenland's revenue was approximately \$23.02 million for the three months ended June 30, 2024, representing a decrease of approximately \$0.55 million, or 2.3%, as compared to that of approximately \$23.57 million for the three months ended June 30, 2023. The decrease in revenue was primarily a result of the decrease of approximately \$1.62 million in the Company's sales volume of transmission products for the three months ended June 30, 2024. On an RMB basis, our revenue for the three months ended June 30, 2024 increased by approximately 0.9% as compared to that for the three months ended June 30, 2023. A Cost of Goods Sold A Greenland's cost of goods sold consists primarily of material costs, freight charges, purchasing and receiving costs, inspection costs, internal transfer costs, wages, employee compensation, amortization, depreciation and related costs, which are directly attributable to the Company's manufacturing activities. The write down of inventory using the net realizable value impairment test is also recorded in cost of goods sold. The total cost of goods sold was approximately \$16.24 million for the three months ended June 30, 2024, representing a decrease by approximately \$0.40 million, or 2.4%, as compared to that of approximately \$16.64 million for the three months ended June 30, 2023. Cost of goods sold decreased due to the decrease in our sales volume. A Gross Profit A Greenland's gross profit was approximately \$6.77 million for the three months ended June 30, 2024, representing a decrease by approximately \$0.15 million, or 2.2%, as compared to that of approximately \$6.93 million for the three months ended June 30, 2023. For the three months ended June 30, 2024 and 2023, Greenland's gross margin was approximately 29.4%. The decrease in gross profit in the three months ended June 30, 2024 compared to the three months ended June 30, 2023 was primarily due to the decrease in our sales volume. A Operating Expenses A Greenland's operating expenses consist of selling expenses, general and administrative expenses and research and development expenses. A 4 A A Selling Expenses A Selling expenses mainly comprise of operating expenses such as sales staff payroll, traveling expenses, and transportation expenses. Our selling expenses were approximately \$0.47 million for the three months ended June 30, 2024, representing a decrease of approximately \$0.10 million, or 19.0%, as compared to approximately \$0.57 million for the three months ended June 30, 2023. The decrease was mainly due to a decrease in advertising and marketing expenses for the three months ended June 30, 2024. A General and Administrative Expenses A General and administrative expenses comprise of management and staff salaries, employee benefits, depreciation for office facility and office furniture and equipment, travel and entertainment expenses, legal and accounting fees, financial consulting fees, and other office expenses. General and administrative expenses were approximately \$1.20 million for the three months ended June 30, 2024, representing a decrease of approximately \$0.32 million, or 21.1%, as compared to that of approximately \$1.52 million for the three months ended June 30, 2023. The decrease in general and administrative expenses was mainly due to the decrease of approximately \$0.18 million in provision for inventory and the decrease of approximately \$0.10 million in professional fees for the three months ended June 30, 2024, as compared to the three months ended June 30, 2023. A Research and Development (R&D) Expenses A R&D expenses consist of R&D personnel compensation, costs of materials used in R&D projects, and depreciation costs for research-related equipment. R&D expenses were approximately \$1.12 million for the three months ended June 30, 2024, representing a decrease of approximately \$0.31 million, or 21.2%, as compared to that of approximately \$1.43 million for the three months ended June 30, 2023. Such decrease was primarily attributable to a significant decrease in the Company's R&D activities during the three months ended June 30, 2024. A Income from Operations A Income from operations for the three months ended June 30, 2024 was approximately \$3.99 million, representing an increase of approximately \$0.58 million, as compared to that of approximately \$3.41 million for the three months ended June 30, 2023. A Interest Income and Interest Expenses A Greenland's interest income was approximately \$0.22 million for the three months ended June 30, 2024, representing an increase of approximately \$0.17 million, or 382.8%, as compared to that of approximately \$0.04 million for the three months ended June 30, 2023. The increase in interest income was because more cash was deposited in banks during the three months ended June 30, 2024 as compared to the three months ended June 30, 2023. A Greenland's interest expenses were approximately \$0.04 million for the three months ended June 30, 2024, representing a decrease of approximately \$0.04 million, or 54.7%, as compared to that of approximately \$0.08 million for the three months ended June 30, 2023. The decrease was primarily due to a decrease of our short-term loans for the three months ended June 30, 2024, compared to those for the three months ended June 30, 2023. A Other Income A Greenland's other income was approximately \$0.52 million for the three months ended June 30, 2024, representing an increase of approximately \$0.65 million, or 502.5%, as compared to approximately \$(0.13) million for the three months ended June 30, 2023. The increase was primarily due to an increase in income VAT deduction for the three months ended June 30, 2024, compared to those for the three months ended June 30, 2023. A Income Taxes A Greenland's income tax was approximately \$0.68 million for the three months ended June 30, 2024, as compared to that of approximately \$0.30 million for the three months ended June 30, 2023. A 5 A A Zhejiang Zhongchai obtained a "high-tech enterprise" status near the end of the fiscal year of 2022. Such status allows Zhejiang Zhongchai to enjoy a reduced statutory income tax rate of 15%, rather than the standard PRC corporate income tax rate of 25%. Income tax for the six months ended June 30, 2024 and 2023 were calculated based on a rate of 15%. The "high-tech enterprise" status is reevaluated by relevant Chinese government agencies every three years. Zhejiang Zhongchai's current "high-tech enterprise" will be reevaluated near the end of 2025. A Greenland's other PRC subsidiaries are subject to different income tax rates. Hangzhou Greenland, the wholly owned subsidiary of Zhongchai Holding, is subject to the 25% standard income tax rate. Greenland is a holding company registered in the British Virgin Islands and is not subject to tax on income or capital gains under the current British Virgin Islands law. In addition, upon payment of dividends to its shareholders, the Company will not be subject to any British Virgin Islands withholding tax. A On January 14, 2020, Greenland established HEVI, its wholly owned subsidiary in the state of Delaware. HEVI promotes sales of sustainable alternative products for the heavy industrial equipment industry, including electric industrial vehicles, in the North American market. On December 22, 2017, the U.S. federal government enacted the 2017 Tax Act. The 2017 Tax Act includes a number of changes in existing tax law impacting businesses, including the transition tax, a one-time deemed repatriation of cumulative undistributed foreign earnings and a permanent reduction in the U.S. federal statutory rate from 35% to 21%, effective on January 1, 2018. ASC 740 requires companies to recognize the effect of tax law changes in the period of enactment, and accordingly, the effects must be recognized on companies' calendar year-end financial statements, even though the effective date for most provisions is January 1, 2018. Since HEVI was established in 2020, the one-time transition tax did not have any impact on the Company's tax provision and there was no undistributed accumulated earnings and profits as of June 30, 2024. A On March 26, 2024, the Company entered into a share exchange agreement with Greenland Holding Enterprises Inc. and Zhongchai Holding (the "2024 Share Exchange Agreement"). Pursuant to the 2024 Share Exchange Agreement, Greenland Holding Enterprises Inc. issued 100 shares of common stock to the Company, par value \$0.01 per share, representing all issued and outstanding share capital of Greenland Holding Enterprises Inc., in exchange for 100% of the equity interest of Zhongchai Holding. Greenland Holding Enterprises Inc. is a holding company registered on August 28, 2023 in the State of Delaware with no material operations. Since Greenland Holding Enterprises Inc. was established in 2023, the one-time transition tax did not have any impact on the Company's tax provision and there was no undistributed accumulated earnings and profits as of June 30, 2024. A Net Income A Our net income was approximately \$5.87 million for the three months ended June 30, 2024, representing an increase of approximately \$2.93 million, as compared to that of approximately \$2.94 million for the three months ended June 30, 2023. A For the six months ended June 30, 2024 and 2023 A

Overview

	2024	2023	Change	Variance
Revenues	\$45,740,851	\$45,718,809	\$22,042	0.0%
Cost of Goods Sold	\$33,319,727	\$33,267,542	\$52,185	0.2%
Gross Profit	\$12,421,124	\$12,451,267	\$(30,143)	(0.2)%
Selling expenses	\$1,014,642	\$961,525	\$53,117	5.5%
General and administrative expenses	\$3,382,921	\$3,161,468	\$221,453	7.0%
Research and development expenses	\$2,110,787	\$2,545,285	\$(434,498)	(17.1)%
Total Operating Expenses	\$6,508,350	\$6,668,278	\$(159,928)	(2.4)%
Income from operations	\$5,912,774	\$5,782,989	\$129,785	2.2%
Interest income	\$384,945	\$75,076	\$309,869	412.7%
Interest expenses	\$(79,848)	\$(145,997)	\$66,149	(45.3)%
Change in fair value of the warrant liability	\$2,904,324	\$2,904,324	\$0	100.0%
Loss on disposal of property and equipment	\$556	\$(239)	\$795	(332.6)%
Other income	\$814,481	\$288,614	\$525,867	182.2%
Income before income tax	\$9,937,232	\$6,000,443	\$3,936,789	65.6%
Income tax	\$494,800	\$601,673	\$(106,873)	(17.8)%
Net income	\$9,442,432	\$5,398,770	\$4,043,662	74.9%

6 Components of Results of Operations

For the six months ended June 30, 2024

2023

Revenues \$ 45,740,851

\$ 45,718,809

Cost of Goods Sold \$ 33,319,727

\$ 33,267,542

Gross Profit \$ 12,421,124

\$ 12,451,267

Operating Expenses \$ 6,508,350

\$ 6,668,278

Net Income \$ 9,442,432

\$ 5,398,770

Greenland's revenue was approximately \$45.74 million for the six months ended June 30, 2024, representing an increase of approximately \$0.02 million, or 0.0%, as compared to that of approximately \$45.72 million for the six months ended June 30, 2023. The increase in revenue was primarily a result of the increase of approximately \$1.07 million in the Company's sales volume, driven by increasing market demand of approximately \$1.1 million for electric industrial equipment for the six months ended June 30, 2024. On an RMB basis, our revenue for the six months ended June 30, 2024 increased by approximately 4.2% as compared to that for the six months ended June 30, 2023. Cost of Goods Sold Greenland's cost of goods sold consists primarily of material costs, freight charges, purchasing and receiving costs, inspection costs, internal transfer costs, wages, employee compensation, amortization, depreciation and related costs, which are directly attributable to the Company's manufacturing activities. The write down of inventory using the net realizable value impairment test is also recorded in cost of goods sold. The total cost of goods sold was approximately \$33.32 million for the six months ended June 30, 2024, representing an increase by approximately \$0.05 million, or 0.2%, as compared to that of approximately \$33.27 million for the six months ended June 30, 2023. Cost of goods sold increased due to the increase in our sales volume. Gross Profit Greenland's gross profit was approximately \$12.42 million for the six months ended June 30, 2024, representing a decrease by approximately \$0.03 million, or 0.2%, as compared to that of approximately \$12.45 million for the six months ended June 30, 2023. For the six months ended June 30, 2024 and 2023, Greenland's gross margins were approximately 27.16% and 27.23%, respectively. The decrease in gross margins in the six months ended June 30, 2024 compared to the six months ended June 30, 2023 was primarily due to an increase in raw material costs. Operating Expenses Greenland's operating expenses consist of selling expenses, general and administrative expenses and research and development expenses. Selling Expenses Selling expenses mainly comprise of operating expenses such as sales staff payroll, traveling expenses, and transportation expenses. Our selling expenses were approximately \$1.01 million for the six months ended June 30, 2024, representing an increase of approximately \$0.05 million, or 5.5%, as compared to approximately \$0.96 million for the six months ended June 30, 2023. The increase was mainly due to an increase in shipping expenses for the six months ended June 30, 2024. General and Administrative Expenses General and administrative expenses comprise of management and staff salaries, employee benefits, depreciation for office facility and office furniture and equipment, travel and entertainment expenses, legal and accounting fees, financial consulting fees, and other office expenses. General and administrative expenses were approximately \$3.38 million for the six months ended June 30, 2024, representing an increase of approximately \$0.22 million, or 7.0%, as compared to that of approximately \$3.16 million for the six months ended June 30, 2023. The increase in general and administrative expenses was mainly due to an increase in allowance for credit losses and an increase in staff salary for the six months ended June 30, 2024, as compared to the six months ended June 30, 2023. Research and Development (R&D) Expenses R&D expenses consist of R&D personnel compensation, costs of materials used in R&D projects, and depreciation costs for research-related equipment. R&D expenses were approximately \$2.11 million for the six months ended June 30, 2024, representing a decrease of approximately \$0.44 million, or 17.1%, as compared to that of approximately \$2.55 million for the six months ended June 30, 2023. Such decrease was primarily attributable to a significant decrease in the Company's R&D activities during the six months ended June 30, 2024. Income from Operations Income from operations for the six months ended June 30, 2024 was approximately \$5.91 million, representing an increase of approximately \$0.13 million, as compared to that of approximately \$5.78 million for the six months ended June 30, 2023. Interest Income and Interest Expenses Greenland's interest income was approximately \$0.38 million for the six months ended June 30, 2024, representing an increase of approximately \$0.30 million, or 412.7%, as compared to that of approximately \$0.08 million for the six months ended June 30, 2023. The increase in interest income was because more cash was deposited in banks during the six months ended June 30, 2024 as compared to the six months ended June 30, 2023. Greenland's interest expenses were approximately \$0.08 million for the six months ended June 30, 2024, representing a decrease of approximately \$0.07 million, or 45.3%, as compared to that of approximately \$0.15 million for the six months ended June 30, 2023. The decrease was primarily due to a decrease of our short-term loans for the six months ended June 30, 2024, compared to those for the six months ended June 30, 2023. Other Income Greenland's other income was approximately \$0.81 million for the six months ended June 30, 2024, representing an increase of approximately \$0.53 million, or 182.2%, as compared to approximately \$0.29 million for the six months ended June 30, 2023. The increase was primarily due to an increase in income VAT deduction for the six months ended June 30, 2024, compared to that for the six months ended June 30, 2023. Income Taxes Greenland's income tax was approximately \$0.49 million for the six months ended June 30, 2024, as compared to that of approximately \$0.60 million for the six months ended June 30, 2023. Net Income Our net income was approximately \$9.44 million for the six months ended June 30, 2024, representing an increase of approximately \$4.04 million, as compared to that of approximately \$5.40 million for the six months ended June 30, 2023. Liquidity and Capital Resources Greenland is a holding company incorporated in the British Virgin Islands. Current PRC regulations permit our PRC subsidiaries to pay dividends to us only out of their accumulated profits, if any, determined in accordance with PRC accounting standards and regulations. In addition, our PRC subsidiaries are required to set aside at least 10% of their respective accumulated profits each year, if any, to fund certain reserve funds until the total amount set aside reaches 50% of their respective registered capital. Our PRC subsidiaries may also allocate a portion of their after-tax profits based on PRC accounting standards to employee welfare and bonus funds at their discretion. These reserves are not distributable as cash dividends. We have funded working capital and other capital requirements primarily by equity contributions, cash flow from operations, short-term bank loans and bank acceptance notes, and long-term bank loans. Cash is required primarily to purchase raw materials, repay debts and pay salaries, office expenses, income taxes and other operating expenses. For the six months ended June 30, 2024, our PRC subsidiary, Zhejiang Zhongchai, paid off approximately \$8.54 million in bank loan, approximately \$0.69 million in loan to third parties, and maintained \$17.12 million cash on hand. We plan to maintain the current debt structure and rely on governmentally supported loans with lower costs, if necessary. Government subsidies mainly consist of an incentive granted by the Chinese government to encourage transformation of fixed assets in China and other miscellaneous subsidies from the Chinese government. Government subsidies are recognized when there is reasonable assurance that the subsidy will be received and all conditions be completed. Total government subsidies recorded under long-term liabilities were \$1.38 million and \$1.53 million as of June 30, 2024 and December 31, 2023, respectively. The Company currently plans to fund its operations mainly through cash flow from its operations, renewal of bank borrowings, additional equity financing, and continuation of financial support from its shareholders and affiliates controlled by its principal shareholders, if necessary. The Company might implement a stricter policy on sales to less creditworthy customers and plans to continue to improve its collection efforts on accounts with outstanding balances. The Company is actively working with customers and suppliers and expects to fully collect the remaining balance. We believe that the Company has sufficient cash, even with uncertainty in the Company's manufacturing and sale of electric industrial heavy equipment in the future and decline on sale of transmission products. However, our capital contribution from existing funding sources, to operate for the next 12 months will be sufficient. We remain confident and expect to continue to generate positive cash flow from our operations. We may need additional cash resources in the future, if the Company experiences failure in collecting account receivables, changes in business condition, changes in financial condition, or other developments. We may also need additional cash resources, if the Company wishes to pursue opportunities for investment, acquisition, strategic cooperation, or other similar actions. If the Company's management and its board of directors determine that the cash required for specific corporate activities exceed Greenland's cash and cash equivalents on hand, the Company may issue debt or equity securities to raise cash. Historically, we have expended considerable resources on building a new factory and paid off a considerable amount of debt, resulting in less available cash. However, we anticipate that our cash flow will continue to improve for the remainder of fiscal year 2024. More specifically, Zhejiang Zhongchai has completed the construction of a new factory, and our PRC subsidiaries have received COVID-19 related government subsidies. Furthermore, Zhejiang Zhongchai pledged the deed of its new factory as a collateral to banks in order to obtain additional loans, refinance expiring loans, restructure short-term loans, and fund other working capital needs upon acceptable terms to Greenland. Cash and Cash Equivalents Cash equivalents refers to all highly liquid investments purchased with original maturity of three months or less. As of June 30, 2024, Greenland had approximately \$17.12 million of cash and cash equivalents, representing a decrease of approximately \$5.86 million, or 25.51%, as compared to approximately \$22.98 million as of December 31, 2023. The decrease of cash and cash equivalents was mainly due to a decrease in short-term bank loans and notes payable, as compared to that as of December 31, 2023. Restricted Cash Restricted cash represents the amount held by a bank as security for bank acceptance notes and therefore is not available for use until the bank acceptance notes are fulfilled or expired, which typically takes less than twelve months. As of June 30, 2024, Greenland had approximately \$3.91 million of restricted cash, representing a decrease of approximately \$1.30 million, or 25.00%, as compared to that of approximately \$5.21 million as of December 31, 2023. The decrease of restricted cash was due to a decrease of notes payable. Accounts Receivable As of June 30, 2024, Greenland had approximately \$21.88 million of accounts receivables, an increase of approximately \$5.34 million, or 32.76%, as compared to approximately \$16.48 million as of December 31, 2023. The increase in accounts receivables was due to the increase in our

sales volume and our slowed-down efforts in receivables collections. Å Greenland recorded approximately \$1.41 million and \$0.87 million of allowance for expected credit losses as of June 30, 2024 and December 31, 2023, respectively. Greenland conducted an aging analysis of each customer's delinquent payments to determine whether allowance for expected credit losses is adequate. In establishing the allowance for expected credit losses, Greenland considers historical experience, economic environment, and expected collectability of past due receivables. An estimate of expected credit losses is recorded when collection of the full amount is no longer probable. When bad debts are identified, such debts are written off against the allowance for expected credit losses. Greenland will continuously assess its expected credit losses based on the credit history of and relationships with its customers on a regular basis to determine whether its allowance for expected credit losses on its accounts receivables is adequate. Greenland believes that its collection policies are generally in line with the transmissions industry's standard in the PRC. Å Due from Related Party Å Due from related party was \$0.23 million and \$0.23 million as of June 30, 2024 and December 31, 2023, respectively. Other receivable from Zhuhai Hengzhong Industrial Investment Fund (Limited Partnership) was \$0.23 million and \$0.23 million as of June 30, 2024 and December 31, 2023, respectively, representing a loan with an annual interest rate of 4.785%. Å 10 Å Notes Receivable Å As of June 30, 2024, Greenland had approximately \$30.96 million of notes receivables, which Greenland expects to collect within the next twelve months. The decrease was approximately \$3.83 million, or 14.10%, as compared to approximately \$27.14 million as of December 31, 2023. Å Working Capital Å Our working capital was approximately \$38.46 million as of June 30, 2024, as compared to \$27.27 million as of December 31, 2023. The increase in working capital of \$3.7 million was primarily contributed to a decrease in fixed deposit and notes receivables. Å Cash Flow Å For the Six Months Ended Å June 30, 2024 Å 2023 Å Net cash provided by (used in) operating activities Å \$2,924,158 Å \$(391,716) Net cash used in investing activities Å \$(1,975,178) Å \$(327,696) Net cash provided by (used in) financing activities Å \$(7,486,177) Å \$944,072 Å Net increase (decrease) in cash and cash equivalents and restricted cash Å \$(6,537,197) Å \$224,660 Å Effect of exchange rate changes on cash and cash equivalents Å \$(626,163) Å \$(905,766) Cash and cash equivalents and restricted cash at beginning of year Å \$28,189,387 Å \$19,729,056 Å Cash and cash equivalents and restricted cash at end of year Å \$21,026,027 Å \$19,047,950 Å Operating Activities Å Greenland's net cash provided by (used in) operating activities were approximately \$2.92 million and \$(0.39) million for the six months ended June 30, 2024 and 2023, respectively. Å For the six months ended June 30, 2024, the main sources of cash inflow from operating activities were net income, inventories, and other current and noncurrent assets, with each amounted to approximately \$9.44 million, \$3.96 million and \$1.97 million, respectively. The main causes of cash outflow were changes in accounts receivable and notes receivable, with each amounted to approximately \$6.38 million and \$4.48 million, respectively. Å For the six months ended June 30, 2023, the main sources of cash inflow from operating activities were net income, change in inventories, and other current and noncurrent assets, with each amounted to approximately \$5.40 million, \$1.78 million and \$3.10 million, respectively. The main causes of cash outflow were changes in accounts receivables and notes receivable, with each amounted to approximately \$8.01 million and \$4.21 million, respectively. Å Investing Activities Å Net cash used in investing activities resulted in cash outflow of approximately \$1.98 million for the six months ended June 30, 2024. Cash used in investing activities for the six months ended June 30, 2024 was mainly due to approximately \$1.28 million used for purchases of long-term assets and approximately \$0.70 million loan to third parties. Å Net cash used in investing activities resulted a cash outflow of approximately \$0.33 million for the six months ended June 30, 2023. Cash used in investing activities for the six months ended June 30, 2023 was mainly due to \$0.26 million in proceeds from government grants for construction, offset by approximately \$0.28 million used for purchases of long-term assets and approximately \$0.05 million used for investment in a joint venture. Å 11 Å Financing Activities Å Net cash used in financing activities resulted a cash outflow of approximately \$7.49 million for the six months ended June 30, 2024, which was mainly attributable to approximately \$8.54 million in repayment of short-term bank loans and approximately \$4.49 million change in notes payable. Such amounts were further offset by approximately \$0.28 million in proceeds from short-term bank loans. Å Net cash provided by financing activities resulted a cash inflow of approximately \$0.94 million for the six months ended June 30, 2023, which was mainly attributable to approximately \$2.60 million in proceeds from short-term bank loans and approximately \$1.88 million in proceeds from third parties' repayment. Such amounts were further offset by approximately \$3.89 million in repayment of short-term bank loans and approximately \$0.43 million in repayment of loans to third parties. Å Credit Risk Å Credit risk is one of the most significant risks for Greenland's business. Accounts receivable are typically unsecured and derived from revenues earned from customers, thereby exposing Greenland to credit risk. Credit risk is controlled by the application of credit approvals, limits, and monitoring procedures. Greenland identifies credit risk collectively based on industry, geography, and customer type. This information is monitored regularly by the Company's management. In measuring the credit risk of sales to customers, Greenland mainly reflects the "probability of default" by the customer on its contractual obligations and considers the current financial position of the customer and the exposures to the customer and its future development. Å Liquidity Risk Å Greenland is exposed to liquidity risk when it is unable to provide sufficient capital resources and liquidity to meet its commitments and/or business needs. Liquidity risk is managed by the application of financial position analysis to test if Greenland is in danger of liquidity issues and also by application of monitoring procedures to constantly monitor its conditions and movements. When necessary, Greenland resorts to other financial institutions to obtain additional short-term funding to meet the liquidity shortage. Å Inflation Risk Å Greenland is also exposed to inflation risk. Inflationary factors, such as increases in raw material and overhead costs, could impair Greenland's operating results. Although Greenland does not believe that inflation has had a material impact on its financial position or results of operations to date, a high rate of inflation in the future may have an adverse effect on its ability to maintain current levels of gross margin and operating expenses as a percentage of sales revenues if the selling prices of its products do not increase with such increased costs. Å Critical Accounting Policies and Estimates Å We prepare our consolidated financial statements in accordance with U.S. GAAP. In applying accounting principles, it is often required to use estimates. These estimates consider the facts, circumstances and information available, and may be based on subjective inputs, assumptions and information known and unknown to us. Material changes in certain of the estimates that we use could potentially affect, by a material amount, our consolidated financial position and results of operations. Although results may vary, we believe our estimates are reasonable and appropriate. See Note 2 to our consolidated financial statements included in "Item 1 - Financial Statements (Unaudited)" for a summary of our significant accounting policies. The following describes certain of our significant accounting policies that involve more subjective and complex judgments where the effect on our consolidated financial position and operating performance could be material. Å 12 Å Revenue Recognition Å In accordance with ASC Topic 606, "Revenue from Contracts with Customers," the Company recognizes revenues when goods or services are transferred to customers in an amount that reflects the consideration which the Company expects to receive in exchange for those goods or services. In determining when and how revenues are recognized from contracts with customers, the Company performs the following five-step analysis: (i) identification of contract with customer; (ii) determination of performance obligations; (iii) measurement of the transaction price; (iv) allocation of the transaction price to the performance obligations; and (v) recognition of revenues when (or as) the Company satisfies each performance obligation. The Company derives revenues from the processing, distribution and sale of its products. The Company recognizes its revenues net of value added taxes ("VAT"). The Company is subject to VAT which had been levied at the rate of 17% on the invoiced value of sales until April 30, 2018, after which date the rate was reduced to 16%. VAT rate was further reduced to 13% starting from April 1, 2019. Output VAT is borne by customers in addition to the invoiced value of sales and input VAT is borne by the Company in addition to the invoiced value of purchases to the extent not refunded for export sales. Å Revenues are recognized at a point in time once the Company has determined that the customer has obtained control over the product. Control is typically deemed to have been transferred to the customer when the performance obligation is fulfilled, usually at the time of customers' acceptance or consumption, at the net sales price (transaction price) and each of the criteria under ASC 606 have been met. Contract terms may require the Company to deliver the finished goods to the customers' location or the customer may pick up the finished goods at the Company's factory. International sales are recognized when shipment clears customs and leaves the port. Å The Company adopted ASC 606 on January 1, 2018, using the transition method of Modified-Retrospective Method ("MRM"). The adoption of ASC 606 had no impact on the Company's beginning balance of retained earnings. Å The Company's contracts are all short-term in nature with a contract term of one year or less. Receivables are recorded when the Company has an unconditional right to consideration. Å Business Combination Å On October 24, 2019, we consummated our Business Combination with Zhongchai Holding following a special meeting of the shareholders, where the shareholders of Greenland considered and approved, among other matters, a proposal to adopt and entered into the Share Exchange Agreement, dated as of July 12, 2019, among (i) Greenland, (ii) Zhongchai Holding, (iii) the Sponsor in the capacity as the Purchaser Representative, and (iv) Cenntro Holding Limited, the sole member of Zhongchai Holding. Å Pursuant to the Share Exchange Agreement, Greenland acquired from Cenntro Holding Limited all of the issued and outstanding equity interests of Zhongchai Holding in exchange for 7,500,000 newly issued ordinary shares, no par value of Greenland, to Cenntro Holding Limited. As a result, Cenntro Holding Limited became the then controlling shareholder of Greenland, and Zhongchai Holding became a directly and wholly owned subsidiary of Greenland. The Business Combination was accounted for as a reverse merger effected by a share exchange, wherein Zhongchai Holding is considered the acquirer for accounting and financial reporting purposes. Å Pursuant to that certain finder agreement with Hanyi Zhou dated May 29, 2019 (the "Finder Agreement"), 50,000 newly issued ordinary shares issued to Hanyi Zhou as a finder fee for the Business Combination. Å Inventories Å Inventories are stated at the lower of cost or net realizable value, which is based on estimated selling prices less any further costs expected to be incurred for completion and disposal. Cost of raw materials is calculated using the weighted average method and is based on purchase cost. Work-in-progress and finished goods costs are determined using the weighted average method and comprise direct materials, direct labor and an appropriate proportion of overhead. Å 13 Å Income Taxes Å The Company accounts for income taxes following the liability method pursuant to FASB ASC 740 "Income Taxes". Under this method, deferred tax assets and liabilities are determined based on the difference between the financial reporting and tax bases of assets and liabilities using enacted tax rates that will be in effect in the period in which the differences are expected to reverse. The Company records a valuation allowance to offset deferred tax assets if, based on the weight of available evidence, it is more-likely-than-not that some portion, or all, of the deferred tax assets will not be realized. The effect on deferred taxes of a change in tax rate is recognized in income in the period that includes the enactment date. Å The Company also follows FASB ASC 740, which addresses the determination of whether tax benefits claimed or expected to be claimed on a tax return should be recorded in the financial statements. The Company

may recognize the tax benefit from an uncertain tax position only if it is more likely than not that the tax position will be sustained on examination by the taxing authorities, based on the technical merits of the position. The tax benefits recognized in the financial statements from such a position should be measured based on the largest benefit that has a greater than fifty percent likelihood of being realized upon ultimate settlement. ASC 740 also provides guidance on recognition, classification, interest and penalties on income taxes, accounting in interim periods and requires increased disclosures. As of June 30, 2024, the Company did not have any liability for unrecognized tax benefits. It is the Company's policy to include penalties and interest expense related to income taxes as a component of other expense and interest expense, respectively, as necessary. The Company's historical tax years will remain open for examination by the local authorities until the statute of limitations has passed. • Off Balance Sheet Arrangements • None. • ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK. • The Company is not required to provide the information required by this item as it is a smaller reporting company. • ITEM 4. CONTROLS AND PROCEDURES. • Disclosure controls, as defined under Rule 13a-15(e) and 15d-15(e) promulgated under the Exchange Act, are procedures that are designed with the objective of ensuring that information required to be disclosed in our reports filed under the Exchange Act, such as this report, is recorded, processed, summarized, and reported within the time specified in the SEC's rules and forms. Disclosure controls are also designed with the objective of ensuring that such information is accumulated and communicated to our management, including the Chief Executive Officer and Chief Financial Officer, as appropriate to allow timely decisions regarding required disclosure. • 14 • Evaluation of Disclosure Controls and Procedures • As of June 30, 2024, we carried out an evaluation, under the supervision and with the participation of our management, including our chief executive officer and chief financial officer, of the effectiveness of the design and operation of our disclosure controls and procedures, as defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended. Based upon such evaluation, our chief executive officer and chief financial officer concluded that, as of the end of the period covered by this report, our disclosure controls and procedures were ineffective. Such conclusion is based on the presence of the following material weakness in internal control over financial reporting as of June 30, 2024: • Accounting and Financial Reporting Personnel Material Weakness • As noted in Item 9A of our annual report on Form 10-K for the preceding fiscal year, management concluded that in light of a lack of sufficient and competent financial reporting and accounting personnel with appropriate knowledge of U.S. GAAP and SEC reporting requirements to prepare consolidated financial statements and related disclosures in accordance with U.S. GAAP and SEC reporting requirements, we did not maintain effective controls and did not implement adequate and proper supervisory review to ensure that significant internal control deficiencies can be detected or prevented. • As a result, the Company has developed a remedial plan to strengthen its accounting and financial reporting functions. To strengthen the Company's internal control over financial reporting, the Company is currently implementing the following remedial actions: • —developing and formalizing of key accounting and financial reporting policies and procedures; • —recruiting more financial reporting and accounting personnel who have adequate U.S. GAAP knowledge; • —training key position staff by U.S. accountant with U.S. corporate accounting experiences, and gaining additional knowledge and professional skills about SEC regulations and U.S. GAAP; • —planning to acquire additional resources to strengthen the financial reporting function and set up a financial and system control framework; and • —establishing effective oversight and clarifying reporting requirements for non-recurring and complex transactions to ensure consolidated financial statements and related disclosures are accurate, complete and in compliance with U.S. GAAP and SEC reporting requirements. • Inherent limitation on the effectiveness of internal control • The effectiveness of any system of internal control over financial reporting, including ours, is subject to inherent limitations, including the exercise of judgment in designing, implementing, operating, and evaluating the controls and procedures, and the inability to eliminate misconduct completely. Accordingly, any system of internal control over financial reporting, including ours, no matter how well designed and operated, can only provide reasonable, not absolute assurances. In addition, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate. We intend to continue to monitor and upgrade our internal controls as necessary or appropriate for our business but cannot assure you that such improvements will be sufficient to provide us with effective internal control over financial reporting. • Notwithstanding the material weakness in our internal control over financial reporting, the consolidated unaudited financial statements included in this Quarter Report on Form 10-Q fairly present, in all material respects, our financial position, results of operations and cash flows for the periods presented in conformity with accounting principles generally accepted in the United States of America. • Changes in Internal Control Over Financial Reporting • During the most recently completed fiscal quarter, there has been no change in our internal control over financial reporting that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting. • 15 • PART II - OTHER INFORMATION • ITEM 1. LEGAL PROCEEDINGS. • Management is not aware of any legal proceedings contemplated by any governmental authority or any other party involving us or our properties. As of the date of this Quarterly Report, no director, officer or affiliate is (i) a party adverse to us in any legal proceeding, or (ii) has an adverse interest to us in any legal proceedings. Management is not aware of any other legal proceedings pending or that have been threatened against us or our properties. • ITEM 1A. RISK FACTORS. • Summary of Risk Factors • An investment in our ordinary shares is subject to a number of risks, including risks related to our business and industry, risks related to our corporate structure, risks related to doing business in China and risks related to our ordinary shares. You should carefully consider all of the information in this Report before making an investment in the ordinary shares. The following list summarizes some, but not all, of these risks. Please read the information in this section for a more thorough description of these and other risks. • Risks Related to Our Business and Industry • For more detailed discussions of the following risks, see "Risk Factors" Risks Related to our Business and Industry on pages 19 through 25. • —Our subsidiaries' business operations are cash intensive, and our subsidiaries' business could be adversely affected if we fail to maintain sufficient levels of liquidity and working capital; • —We grant relatively long payment terms for accounts receivable which can adversely affect our cash flow; • —Our subsidiaries face short lead-times for delivery of products to customers. Failure to meet delivery deadlines could result in the loss of customers and damage to our reputation and goodwill; • —Our subsidiaries face intense competition, and if we are unable to compete effectively, we may not be able to maintain profitability; • —Our revenues are highly dependent on a limited number of customers and the loss of any one of our subsidiaries' major customers could materially and adversely affect our growth and revenues; • —As our subsidiaries expand their operations, they may need to establish a more diverse supplier network for raw materials. The failure to secure a more diverse supplier network could have an adverse effect on our financial condition; • —To remain competitive, our subsidiaries are introducing new lines of business, including the production and sale of electric industrial heavy equipment. If these efforts are not successful, our results of operations may be materially and adversely affected; • —New lines of business, including the production and sale of electric industrial heavy equipment, may subject us and our subsidiaries to additional risks; • —Volatile steel prices can cause significant fluctuations in our operating results. Our revenues and operating income could decrease if steel prices increase or if our subsidiaries are unable to pass price increases on to their customers; and • —We are subject to various risks and uncertainties that may affect our subsidiaries' ability to procure raw materials. • 16 • Risks Related to Doing Business in China • For more detailed discussions of the following risks, see "Risk Factors" Risks Related to Doing Business in China on pages 26 through 35. • —Changes in China's economic, political or social conditions or government policies could have a material adverse effect on our business and operations; • —Uncertainties arising from the legal system in China, including uncertainties regarding the interpretation and enforcement of PRC laws and the possibility that regulations and rules can change quickly with little advance notice, could hinder our ability to offer or continue to offer our securities, result in a material adverse change to our business operations, and damage our reputation, which could materially and adversely affect our financial condition and results of operations and cause our securities to significantly decline in value or become worthless. See "Risk Factors" Risks Related to Doing Business in China • The PRC government exerts substantial influence over the manner in which we must conduct our business activities. If the Chinese government significantly regulates the business operations of our PRC subsidiaries in the future and our PRC subsidiaries are not able to substantially comply with such regulations, our business operations may be materially adversely affected and the value of our ordinary shares may significantly decrease; and • —Uncertainties with respect to the PRC legal system could adversely affect us and our PRC subsidiaries; • —The Chinese government may intervene or influence our operations at any time or may exert more control over offerings conducted overseas and/or foreign investment in China-based issuers. Any actions by the Chinese government to exert more oversight and control over offerings that are conducted overseas and/or foreign investment in China-based issuers could significantly limit or completely hinder our ability to offer or continue to offer securities to investors and cause the value of such securities to significantly decline or become worthless. See "Risk Factors" Risks Related to Doing Business in China • The PRC government exerts substantial influence over the manner in which we must conduct our business activities. If the Chinese government significantly regulates the business operations of our PRC subsidiaries in the future and our PRC subsidiaries are not able to substantially comply with such regulations, our business operations may be materially adversely affected and the value of our ordinary shares may significantly decrease; • —Our future offerings will need to be filed with the CSRC, along with compliance with any other applicable PRC rules, policies and regulations, in connection with any future offering of our securities. Any failure to filing, or delay in filing, or failure to complying with any other applicable PRC requirements for an offering, may subject us to sanctions imposed by the relevant PRC regulatory authority. In addition, if applicable laws, regulations, or interpretations change such that we are required to obtain approval in the future and we fail to obtain such approvals, we may be subject to an investigation by competent regulators, fines or penalties, or an order prohibiting us from conducting an offering, and these risks could result in a material adverse change in our operations and the value of our ordinary shares, significantly limit or completely hinder our ability to offer or continue to offer securities to investors, or cause such securities to significantly decline in value or become worthless. See "Risk Factors" Risks Related to Doing Business in China • We are required under PRC laws to submit filings to CSRC for our future offerings. However, we believe that we are not currently required to obtain the approval and/or comply with other requirements of the CSRC, the CAC, or other PRC governmental authorities under PRC rules, regulations or policies in connection with our continued listing on Nasdaq. In the event that any such approval is required or that there are other requirements we are obligated to comply with, we cannot predict whether or how soon we will be able to obtain such approvals and/or comply with such requirements. • and • Risk Factors "Risks Related to Doing Business in China" We may be liable for improper use or appropriation of personal information provided by our

customers and any failure to comply with PRC laws and regulations over data security could result in materially adverse impact on our business, results of operations, and our continued listing on Nasdaq; 17 – Our subsidiaries may be liable for improper use or appropriation of personal information provided by their customers and any failure to comply with PRC laws and regulations over data security could result in materially adverse impact on our business, results of operations, and our continued listing on Nasdaq; – You may have difficulty enforcing judgments against us; – Under the PRC Enterprise Income Tax Law, we may be classified as a “Resident Enterprise” of China. Such classification will likely result in unfavorable tax consequences to us and our non-PRC shareholders; – PRC regulation of loans to, and direct investments in, PRC entities by offshore holding companies may delay or prevent us from using proceeds from our future financing activities to make loans or additional capital contributions to our PRC subsidiaries; – We may rely on dividends paid by our subsidiaries for our cash needs, and any limitation on the ability of our subsidiaries to make payments to us could have a material adverse effect on our ability to conduct business; – Governmental control of currency conversion may limit our ability to utilize our revenues effectively and affect the value of your investment; – U.S. regulatory bodies may be limited in their ability to conduct investigations or inspections of our operations in China; and – Our securities may be delisted and prohibited from being traded under the Holding Foreign Companies Accountable Act if the PCAOB is unable to inspect our auditor in the future. Any future delisting and cessation of trading of our securities, or the threat of their being delisted and prohibited from being traded, may materially and adversely affect the value of your investment. Additionally, any inability of the PCAOB to conduct inspections of our auditor in the future would deprive our investors of the benefits of such inspections. See “Risk Factors” Risks Related to Doing Business in China “Our ordinary shares may be delisted and prohibited from being traded under the Holding Foreign Companies Accountable Act if the PCAOB is unable to inspect our auditors. The delisting and the cessation of trading of our ordinary shares, or the treat of their being delisted and prohibited from being traded, may materially and adversely affect the value of your investment. Additionally, any inability of the PCAOB to conduct inspections deprives our investors with the benefits of such inspections.” Risks Related to Our Ordinary Shares A For more detailed discussions of the following risks, see “Risk Factors” Risks Related to Our Ordinary Shares on pages 36 through 37. – Future sales of our ordinary shares, whether by us or our shareholders, could cause the price of our ordinary shares to decline; – Because we do not expect to pay dividends in the foreseeable future, you must rely on the price appreciation of our ordinary shares for return on your investment; and – Techniques employed by short sellers may drive down the market price of our ordinary shares. 18 – Risks Related to our Business and Industry A Our subsidiaries’ business operations are cash intensive, and our subsidiaries’ business could be adversely affected if we fail to maintain sufficient levels of liquidity and working capital. As of June 30, 2024, we had approximately \$17.12 million of cash and cash equivalents. Historically, we have spent a significant amount of cash on our operational activities, principally to procure raw materials for our subsidiaries’ products. Our short-term loans are from Chinese banks and are generally secured by a portion of our fixed assets, land use rights and/or guarantees by related parties. Certain of these loans are secured against a portion of the shares of our PRC subsidiaries. The term of a majority of such loans is one year. Historically, we rolled over such loans on an annual basis. However, we may not have sufficient funds available to pay all of our borrowings upon maturity in the future. Failure to roll over our short-term borrowings at maturity or to service our debt could result in a transfer of the ownership of a portion of the shares of our PRC subsidiaries to secured lenders, the imposition of penalties, including increases in interest rates, legal actions against us by our creditors, and even insolvency. Although we have been able to maintain adequate working capital primarily through cash from operations and short-term and long-term borrowings, any failure by our customers to settle outstanding accounts receivable, or our inability to borrow sufficient capital from local banks in the future could materially and adversely affect our cash flow, financial condition and results of operations. We grant relatively long payment terms for accounts receivable which can adversely affect our cash flow. As is customary in China, for competitive reasons, we grant relatively long payment terms to most of our subsidiaries’ customers. The allowances we establish for our receivables may not be adequate. We are subject to the risk that we may be unable to collect accounts receivable in a timely manner. If the accounts receivable cannot be collected in time, or at all, a significant amount of expected credit losses will occur, and our business, financial condition and results of operation will likely be materially and adversely affected. A Our subsidiaries face short lead-times for delivery of products to customers. Failure to meet delivery deadlines could result in the loss of customers and damage to our reputation and goodwill. A Most of our subsidiaries’ customers are large manufacturers, who generally place large orders for our subsidiaries’ products and require prompt delivery. Our subsidiaries’ product sale agreements typically contain short lead-times for the delivery of products and tight production and manufacturer supply schedules that can reduce our profit margins on the products procured from our subsidiaries’ suppliers. Our subsidiaries’ suppliers may lack sufficient capacity at any given time to meet all of the demands from our subsidiaries’ customers if orders exceed their production capacity. Our subsidiaries strive for rapid response to customer demands, which can lead to reduced purchasing efficiency, increased procurement costs and low profit margins. If our subsidiaries are unable to meet the customer demands, they may lose customers. Moreover, failure to meet customer demands may damage our reputation and goodwill. A Our subsidiaries face intense competition, and, if our subsidiaries are unable to compete effectively, we may not be able to maintain profitability. A Our subsidiaries compete with many other companies located in the PRC and internationally that manufacture similar products. Many of our subsidiaries’ competitors are larger companies with greater financial resources. Intense competition in a challenging economic environment in the PRC has, in the past, put pressure on our margins and may adversely affect our future financial performance. Moreover, intense competition may result in potential or actual litigation between our subsidiaries and their competitors relating to such activities as competitive sales practices, relationships with key suppliers and customers or other matters. A It is likely that our subsidiaries’ competitors will seek to develop similar competing products in the near future. Some of our subsidiaries’ competitors may have more resources than our subsidiaries do, operate in greater scale, be more capitalized than our subsidiaries are, have access to cheaper raw materials than our subsidiaries do, or offer products at a more competitive price. There can be no assurance that our initial competitive advantage will be retained and that one or more competitors will not develop products that are equal or superior in quality and are better priced than our subsidiaries’ products. If our subsidiaries are unable to compete effectively, our results of operations and financial position may be materially and adversely affected. 19 – Our revenues are highly dependent on a limited number of customers and the loss of any one of our subsidiaries’ major customers could materially and adversely affect our growth and revenues. A During the six months ended June 30, 2024 and 2023, our subsidiaries’ five largest customers contributed 41.60% and 48.10% of our revenues, respectively. For the six months ended June 30, 2024 and 2023, Greenland’s single largest customer, Hangcha Group, accounted for 14.76% and 16.59%, respectively, of Greenland’s total revenue, and Greenland’s second largest customer, Longgong Forklift Truck, accounted for 11.86% and 10.79%, respectively, of Greenland’s total revenue. As a result of our subsidiaries’ reliance on a limited number of customers, our subsidiaries may face pricing and other competitive pressures, which may have a material adverse effect on our profits and our revenues. The volume of products sold for specific customers varies from year to year, especially since our subsidiaries are not the exclusive provider for any customers. In addition, there are a number of factors that could cause the loss of a customer or a substantial reduction in the products that our subsidiaries provide to any customer that may not be predictable. For example, our subsidiaries’ customers may decide to reduce spending on our subsidiaries’ products or a customer may no longer need our subsidiaries’ products following the completion of a project. The loss of any one of our subsidiaries’ major customers, a decrease in the volume of sales to our subsidiaries’ customers or a decrease in the price at which our subsidiaries sell their products to customers could materially adversely affected our profits and revenues. A In addition, this customer concentration may subject our subsidiaries to perceived or actual leverage that our subsidiaries’ customers may have in negotiations, given their relative size and importance to our subsidiaries. If our subsidiaries’ customers seek to negotiate their agreements on terms less favorable to our subsidiaries and our subsidiaries accept such terms, such unfavorable terms may have a material adverse effect on our subsidiaries’ business and our financial condition and results of operations. Accordingly, unless and until our subsidiaries diversify and expand their customer base, our future success will significantly depend upon the timing and volume of business from our subsidiaries’ largest customers and the financial and operational success of these customers. A As our subsidiaries expand their operations, they may need to establish a more diverse supplier network for raw materials. The failure to secure a more diverse supplier network could have an adverse effect on our financial condition. A In the event that our subsidiaries need to diversify their supplier network, our subsidiaries may not be able to procure a sufficient supply of raw materials at a competitive price, which could have an adverse effect on our results of operations, financial condition and cash flows. Furthermore, despite our subsidiaries’ efforts to control their supply of raw materials and maintain good relationships with their existing suppliers, our subsidiaries could lose one or more of their existing suppliers at any time. The loss of one or more key suppliers could increase our subsidiaries’ reliance on higher cost or lower quality supplies, which could negative affect our profitability. Any interruptions to, or decline in, the amount or quality of our subsidiaries’ raw materials supply could materially disrupt our subsidiaries’ production and adversely affect our subsidiaries’ business and our financial condition and financial prospects. A To remain competitive, our subsidiaries have introduced new lines of business, including the production and sale of electric industrial heavy equipment. If these efforts are not successful, our results of operations may be materially and adversely affected. A Prior to December 2020, through Zhongchai Holding and its PRC subsidiaries, our products mainly included transmission systems and integrated powertrains for material handling machineries, particularly for electric forklift trucks. In December 2020, through HEVI, we launched a new division to focus on the production and sale of electric industrial heavy equipment “a division that Greenland intends to develop to diversify its product offerings. HEVI’s electric industrial heavy equipment products currently include GEF-series electric forklifts, a series of lithium powered forklifts with three models ranging in size from 1.8 tons to 3.5 tons, GEL-1800, a 1.8 ton rated load lithium powered electric wheeled front loader, GEX-8000, an all-electric 8.0 ton rated load lithium powered wheeled excavator, and GEL-5000, an all-electric 5.0 ton rated load lithium wheeled front loader. HEVI also introduced mobile DC battery chargers to support a growing market of EV applications requiring DC charging capabilities in the North America market. These products are available for purchase in the U.S. market. In August 2022, HEVI launched a 54,000 square foot industrial electric vehicle assembly site in Baltimore, Maryland to support local services, assembly and distribution of its electric industrial heavy equipment product line. In July 2024, HEVI announced a partnership with Lonking Holdings Limited to develop and distribute heavy electric machinery and related technology specialized for the US market. 20 – There are risks in connection with this new line of business. HEVI may

experience difficulties in the development and launch of electric industrial heavy equipment, and HEVI's products may not be well-accepted by the market. As we have limited experience in the electric industrial heavy equipment business, our efforts in developing such business may not succeed and we may not be able to generate sufficient revenue to cover our investment and become profitable. During such process, our results of operations and financial conditions may not be improved in a timely manner, or at all. We cannot assure you that we will successfully transition our business focus and it is possible that we remain in such transition period for an extended period of time. During such period, our revenue may be very limited and we may continue to experience material and adverse effects to our results of operations, financial condition and business prospects. A New lines of business, including the production and sale of electric industrial heavy equipment, may subject us and our subsidiaries to additional risks. A From time to time, we may implement new lines of business or offer new products within our subsidiaries' existing lines of business. Currently, we plan to offer additional models of electric industrial heavy equipment through HEVI. As such, we face significant challenges, uncertainties and risks, including, among others, with respect to our subsidiaries' ability to: A —build a well-recognized and respected brand; A —establish and expand our customer base; A —improve and maintain our operational efficiency for new lines of business; A —maintain a reliable, secure, high-performance and scalable technology infrastructure for our new lines of business; A —anticipate and adapt to changing market conditions, including technological development and changes in competitive landscape; A —navigate an evolving and complex regulatory environment, such as licensing and compliance requirements; and A —manage the resources and attention of management between our current core business and new lines of business. A Moreover, there can be no assurance that the introduction and development of new lines of business or new products and services would not encounter significant difficulties or delay or would achieve the profitability as we expect. Failure to successfully manage these risks in the development and implementation of new lines of business or new products or services could have a material adverse effect on our subsidiaries' business and our results of operations and prospects. For example, HEVI may experience difficulties in developing and launching additional models of electric industrial heavy equipment, or may not be able to develop them at reasonable costs. Due to HEVI's limited experience with electric industrial heavy equipment, HEVI also face challenges and uncertainties relating to the possibility of success of this new business. A As our subsidiaries enter into new business sectors, our subsidiaries are also subject to competition from such industries. There can be no assurance that our subsidiaries will be able to compete effectively with respect to their new businesses. If our subsidiaries fail to establish their strengths or maintain their competitiveness in those industries, our business prospects, results of operations and financial condition may be materially and adversely affected. A Volatile steel prices can cause significant fluctuations in our operating results. Our revenues and operating income could decrease if steel prices increase or if our subsidiaries are unable to pass price increases on to their customers. A Our subsidiaries' principal raw materials are processed metal parts and components which are made of carburizing steel. The steel industry as a whole is cyclical and, at times, pricing and availability of steel can be volatile due to numerous factors beyond our subsidiaries' control, including general domestic and international economic conditions, labor costs, sales levels, competition, levels of inventory, consolidation of steel producers, higher raw material costs for steel producers, import duties and tariffs and currency exchange rates. This volatility can significantly affect the availability and cost of raw materials. A 21 A A Our subsidiaries' suppliers, like many other processed metal parts and components manufacturers, maintain substantial inventories of steel to accommodate the short lead times and just-in-time delivery requirements of customers. Accordingly, our subsidiaries' suppliers purchase steel in an effort to maintain their inventory at levels that they believe to be appropriate to satisfy the anticipated needs of customers based upon historic buying practices, supply agreements with customers and market conditions. When steel prices increase, competitive conditions will influence how much of the price increase suppliers would pass on to our subsidiaries and how much our subsidiaries can pass on to their customers. To the extent our subsidiaries are unable to pass on future price increases in raw materials to their customers, the revenues and profitability of our business could be adversely affected. A We are subject to various risks and uncertainties that might affect our subsidiaries' ability to procure raw materials. A Our performance depends upon our subsidiaries' ability to procure low cost, high quality raw materials on a timely basis from their suppliers. Our subsidiaries' suppliers are subject to certain risks, including the availability of raw materials, labor disputes, inclement weather, natural disasters, and general economic and political conditions, which might limit the ability of our subsidiaries' suppliers to provide low cost, high quality merchandise on a timely basis. Furthermore, for these or other reasons, one or more of our subsidiaries' suppliers might not adhere to our subsidiaries' quality control standards, and our subsidiaries might not identify the deficiency. Any failure by our subsidiaries' suppliers to supply quality materials at a reasonable cost on a timely basis could reduce our net sales or profits, damage our reputation and have an adverse effect on our financial condition. A Our subsidiaries may lose their competitive advantage, and their operations may suffer, if we fail to prevent the loss or misappropriation of, or disputes over, their intellectual property. A Our subsidiaries rely on a combination of patents, trademarks, trade secrets and confidentiality agreements to protect their intellectual property rights. While our subsidiaries are not currently aware of any infringement on their intellectual property rights, our subsidiaries' ability to compete successfully and to achieve future revenue growth will depend, in significant part, on their ability to protect their proprietary technology. Despite many laws and regulations promulgated, as well as other efforts made, by China over the past several years in an attempt to protect intellectual property rights, intellectual property rights are not as certain in China as they would be in many Western countries, including the United States. Furthermore, enforcement of such laws and regulations in China has not been fully developed. Neither the administrative agencies nor the court systems in China are as equipped as their counterparts in developed countries to deal with violations or handle the nuances and complexities between compliant technological innovation and non-compliant infringement. A Our subsidiaries' transmission technology is protected through a combination of patents, trade secrets, confidentiality agreements and other methods. However, our subsidiaries' competitors may independently develop similar proprietary methodologies or duplicate our products, or develop alternatives, which could have a material adverse effect on our subsidiaries' business and our results of operations and financial condition. The misappropriation or duplication of our subsidiaries' intellectual property could disrupt their ongoing business, distract our management and employees, reduce our revenues and increase our expenses. Our subsidiaries may need to litigate to enforce their intellectual property rights. Any such litigation could be time consuming and costly and the outcome of any such litigation cannot be guaranteed. A Our PRC subsidiaries have limited insurance coverage for their operations in China and may incur losses resulting from product liability claims, business interruption or natural disasters. A HEVI, an operating subsidiary of ours in the U.S., maintains commercial general liability insurance for its business operations. However, our PRC subsidiaries have limited insurance coverage for their operations in China, and our PRC subsidiaries are therefore exposed to risks associated with product liability claims against our PRC subsidiaries or otherwise against their operations in the PRC in the event that the use of our PRC subsidiaries' products results in property damage or personal injury. Since our subsidiaries' transmission products are ultimately incorporated into forklifts, it is possible that users of forklifts or people installing these products could be injured or killed, whether as a result of defects, improper installation or other causes. We are unable to predict whether product liability claims will be brought against our PRC subsidiaries in the future or to predict the impact of any resulting adverse publicity on our PRC subsidiaries' business. The successful assertion of product liability claims against our PRC subsidiaries could result in potentially significant monetary damages and require us to make significant payments. Our subsidiaries do not carry product liability insurance and may not have adequate resources to satisfy a judgment in the event of a successful claim against us. In addition, our subsidiaries do not currently, and may not in the future, maintain business interruption insurance coverage. As such, our subsidiaries may suffer losses that result from interruptions in their operations as a result of inability to operate or failures of equipment and infrastructure at our subsidiaries' facilities. Our subsidiaries also do not currently maintain catastrophe insurance. As such, any natural disaster or man-made disaster could result in substantial losses and diversion of our subsidiaries' resources to address the effects of such an occurrence, which could materially and adversely affect our subsidiaries' business and our financial condition and results of operations. A 22 A A Failure to make adequate contributions to various employee benefit plans as required by PRC regulations may subject us to penalties. A Our PRC subsidiaries are required under PRC laws to participate in various government sponsored employee benefit plans, including social security insurance, housing funds and other welfare-oriented payments, and contribute to the plans in amounts equal to certain percentages of salaries, including bonuses and allowances, of their employees up to a maximum amount specified by the local government from time to time at locations where our PRC subsidiaries operate their businesses. Our PRC subsidiaries have not made adequate employee benefit payments to the social security insurance and the housing fund. As a result, they may be required to make up the contributions for these plans within a stipulated period of time. In addition, our PRC subsidiaries may be required to pay late fees equal to 0.05% of the shortage of the contributions to the social security fund for each day our PRC subsidiaries fail to make up the contributions and may be imposed fines up to three times of such shortage if our PRC subsidiaries fail to make up the difference within the time frame prescribed by relevant government authorities. The maximum amount of such penalties that we anticipate could be imposed on our PRC subsidiaries with respect such employee benefits payments is approximately US\$200,000. If our PRC subsidiaries are subject to late fees or fines in relation to the underpaid employee benefits, our financial condition and results of operations may be adversely affected. As of the date of this Report, our PRC subsidiaries have not been ordered to pay outstanding contributions or related penalties. A If labor costs in the PRC increase substantially, our PRC subsidiaries' business and our costs of operations may be adversely affected. A In recent years, the Chinese economy has experienced inflation and labor cost increases. Average wages are projected to continue to increase. Further, under PRC law an employer is required to pay various statutory employee benefits, including pensions, housing funds, medical insurance, work-related injury insurance, unemployment insurance and maternity insurance to designated government agencies for the benefit of its employees. The relevant government agencies may examine whether an employer has made adequate payments to the statutory employee benefits, and those employers who fail to make adequate payments may be subject to late payment fees, fines and/or other penalties. We expect that our labor costs, including wages and employee benefits, will continue to increase based on the past trends. If we are unable to control our labor costs or pass such increased labor costs on to our subsidiaries' customers, our financial condition and results of operations may be adversely affected. A The ongoing COVID-19 pandemic has adversely affected and could continue to adversely affect our business, results of operations and financial condition. A The ongoing COVID-19 pandemic has continued to spread across the world and has created unique global and industry-wide challenges. COVID-19 has resulted in quarantines, travel restrictions, and the temporary closure of offices and facilities in China and

many other countries. New COVID-19 variants have also emerged, potentially extending the period during which COVID-19 will negatively impact the global economy. Â Since 2021, a few waves of COVID-19 infections emerged in various regions of China, and in response, the Chinese government implemented certain anti-COVID measures and protocols. Chinese industries have gradually resumed businesses as the Chinese government lifted its COVID-19 protocols and measures since December 2022. The COVID-19 pandemic has not resulted in significant impact on our operations for the six months ended June 30, 2024 and 2023. Â However, the potential downturn brought by, and the duration of, the COVID-19 pandemic may be difficult to assess or predict, and any associated negative impact on us will depend on many factors beyond our control. The extent to which the COVID-19 pandemic impacts our future results remains uncertain, and we are closely monitoring its impact on us. Our subsidiaries' business and our results of operations, financial conditions and prospects could be adversely affected directly, as well as indirectly, to the extent that the ongoing COVID-19 pandemic harms the Chinese and global economy in general. Â 23 Â We may not be able to effectively protect our intellectual property from unauthorized use by others. Â Through its subsidiaries, we hold patents, trademarks and other intellectual properties that are critical to our business in the PRC. Any of our intellectual property rights could be challenged, invalidated, circumvented or misappropriated, or such intellectual property may not be sufficient to provide us with competitive advantages. We cannot assure you that (i) all of the intellectual property rights we owned will be adequately protected, or (ii) our intellectual property rights will not be challenged by third parties or found by a judicial authority to be invalid or unenforceable. Moreover, there can be no assurance that we will obtain such trademarks and any other trademarks that are crucial to our business in the future. Thus, third parties may also take the position that we are infringing their rights, and we may not be successful in defending these claims. Additionally, we may not be able to enforce and defend its proprietary rights or prevent infringement or misappropriation, without incurring substantial expenses to us and a significant diversion of management time and attention from our business strategy. Â To protect our patents, trademarks and other proprietary rights, we rely on and expect to continue to rely on a combination of physical and electronic security measures and trademark, patent and trade secret protection laws. If the measures we have taken to protect our proprietary rights are inadequate to prevent the use or misappropriation by third parties or such rights are diminished due to successful challenges, the value of our brand and other intangible assets may be diminished and our ability to attract and retain customers may be adversely affected. Â Competition for our and our subsidiaries' employees is intense, and we and our subsidiaries may not be able to attract and retain the highly skilled employees needed to support our subsidiaries' business. Â As we continue to experience growth, our future success depends on our and our subsidiaries' ability to attract, develop, motivate and retain highly qualified and skilled employees, including engineers, financial personnel and marketing professionals. Competition for highly skilled engineering, sales, technical and financial personnel is extremely intense. We and our subsidiaries may not be able to hire and retain these personnel at compensation levels consistent with our existing compensation and salary structure. Many of the companies with which we and our subsidiaries compete for experienced employees have greater resources than we and our subsidiaries have and may be able to offer more attractive terms of employment. Â In addition, we and our subsidiaries invest significant time and expense in training our employees, which increases their value to competitors who may seek to recruit them. If we and our subsidiaries fail to retain our employees, we could incur significant expenses in hiring and training their replacements, and the quality of our products could decrease, resulting in a material adverse effect on our subsidiaries' business. Â Our business depends on the continued efforts of our senior management. If one or more of our key executives were unable or unwilling to continue in their present positions, our business may be severely disrupted. Â Our business operations depend on the continuing services of our senior management. While we have provided different incentives to our management, we cannot assure you that we can continue to retain their services. If one or more of our key executives were unable or unwilling to continue in their present positions, we may not be able to replace them easily or at all, our future growth may be constrained, business may be severely disrupted and our financial condition and results of operations may be materially and adversely affected, and we may incur additional expenses to recruit, train and retain qualified personnel. In addition, although we have entered into a non-competition agreement with Mr. Peter Zuguang Wang, the chairman of our board of directors, there is no assurance that Mr. Wang will not join our competitors or form a competing business. If any dispute arises between us and Mr. Wang, we may incur substantial costs and expenses in order to enforce the non-competition agreement in China, and we may be unable to enforce it at all. Â We do not maintain "key person" insurance, and as a result, we may incur losses if any of our directors, executive officers, senior manager or other key employees chooses to terminate his or her services with us. Â We do not maintain "key person" insurance for our directors, executive officers, senior management or other key employees. If any of our key employees terminate his or her services or otherwise becomes unable to provide continuous services to us, our business, financial condition and results of operations may be materially and adversely affected and we may incur additional expenses to recruit, train and retain qualified personnel. If any of our executive officers or key employees joins a competitor or forms a competing company, we may lose customers, operational know-how and key professionals and staff members. Â 24 Â We are currently operating in a period of economic uncertainty and capital markets disruption, which has been significantly impacted by geopolitical instability due to the ongoing invasion of Ukraine by Russia and conflicts between Israel and Hamas. Â U.S. and global markets are experiencing volatility and disruption as a result of the outbreak or escalation of wars including Russia's launch of a full-scale military invasion of Ukraine, conflicts between Israel and Hamas. Although the length and impact of these ongoing conflicts are highly unpredictable, these conflicts have led to market disruptions, including significant volatility in commodity prices, credit, and capital markets. In addition, as a result of the ongoing conflicts around the world, we may experience other risks, difficulties and challenges in the way we conduct our business and operations generally. For example, the conflict could adversely affect supply chains and impact our ability to control raw material costs. A protracted conflict between Ukraine and Russia or between Israel and Hamas, any escalation of either conflict, and the wider global economy and market conditions could, in turn, have a material adverse impact on our business, financial condition, cash flows and results of operations and could cause the market value of our ordinary shares to decline. Â High inflation rates may adversely affect us by increasing costs beyond what we can recover through price increases and limit our ability to enter into future traditional debt financing. Â Inflation can adversely affect us by increasing costs of critical materials, equipment, labor, and other services. In addition, inflation is often accompanied by higher interest rates. Continued inflationary pressures could impact our profitability. Inflation may also affect our ability to enter into future traditional debt financing, as high inflation may result in an increase in cost. Â The outcome of litigation, inquiries, investigations, examinations, or other legal proceedings in which we are involved, in which we may become involved, or in which our clients or competitors are involved could distract management, increase our expenses, or subject us to significant monetary damages or restrictions on our ability to do business. Â From time to time, we are subject to litigations or legal proceedings in connection with our business operations. The scope and outcome of these proceedings is often difficult to assess or quantify. Plaintiffs in lawsuits may seek recovery of large amounts, and the cost to defend such litigation may be significant. Â For example, on April 26, 2024, all of the Company's current directors, the Company's chief executive officer, and the Company's controlling shareholder, Cenntro Holding Limited, were named as defendants (collectively, the "Defendants"), and the Company was named as a nominal defendant in a shareholder derivative action filed in the United States District Court for the District of New Jersey. The complaint alleges, inter alia, that Defendants breached their fiduciary duties owed to the Company, committed waste and violated Section 16(a) of the Securities and Exchange Act of 1934, as amended. The complaint seeks: (i) on behalf of the Company, monetary damages of no less than \$38,060,365; (ii) to restrict Mr. Peter Wang, the chairman of the Company's board of directors from selling ordinary shares of the Company until Cenntro Holding Limited has paid off its amount due to the Company and setting up a trust over any future funds from sales of the Company's ordinary shares by Mr. Peter Wang or Cenntro Holding Limited; (iii) that the Defendants disgorge profits obtained as a result of their wrongful conduct; (iv) to enjoin of the Company's proposed spin-off transaction; (v) attorney fees and costs; and (vi) any other relief the court may deem just and proper. Â On June 28, 2024, the Company's board of directors held a board meeting, during which the directors of the Company unanimously approved a decision to terminate its previously announced plan of spinning off its drivetrain systems segment. After due diligence review, the Company's board of directors has identified that the spin-off would likely not generate significant value to its shareholders due to changing market conditions. On July 8, 2024, the Defendants filed a motion to dismiss the shareholder derivative action. Â Any negative outcomes from above material litigation or any other regulatory actions or litigation or claims, including monetary penalties or damages or injunctive provisions regulating or restricting how we conduct our business could have a material adverse effect on our business, financial condition, results of operations and reputation. Regardless of whether any current or future claims in which we are involved have merit, or whether we are ultimately held liable or subject to payment of penalties, such investigations and claims have been and may continue to be expensive to defend, may divert management's time away from our operations and may result in changes to our business practices that adversely affect our results of operations. Â 25 Â Risks Related to Doing Business in China Â Changes in China's economic, political or social conditions or government policies could have a material adverse effect on our business and operations. Â A substantial majority of our assets and operations are located in China. Accordingly, our business, financial condition, results of operations and prospects may be influenced to a significant degree by political, economic and social conditions in China generally. The PRC economy differs from the economies of most developed countries in many respects, including with regard to the level of government involvement, level of development, growth rate, control of foreign exchange and allocation of resources. Although the PRC government has implemented measures emphasizing the utilization of market forces for economic reform, the reduction of state ownership of productive assets, and the establishment of improved corporate governance in business enterprises, a substantial portion of productive assets in China is still owned by the government. In addition, the PRC government continues to play a significant role in regulating industry development by imposing industrial policies. Â The PRC government also exercises significant control over China's economic growth through allocating resources, controlling payment of foreign currency-denominated obligations, setting monetary policy, and providing preferential treatment to particular industries or companies. Â While the PRC economy has experienced significant growth over the past decades, growth has been uneven, both geographically and among various sectors of the economy, and the rate of growth has been slowing since 2012. Any adverse changes in economic conditions in China, in the policies of the PRC government or in the laws and regulations in China could have a material adverse effect on the overall economic growth of China. Such developments could adversely affect our business and operating results, lead to reduction in demand for our subsidiaries' products and adversely affect our subsidiaries' competitive position. The PRC government has implemented various measures to

encourage economic growth and guide the allocation of resources. Some of these measures may benefit the overall PRC economy, but may have a negative effect on us and our subsidiaries. For example, our financial condition and results of operations may be adversely affected by government control over capital investments or changes in tax regulations. In addition, in the past the PRC government has implemented certain measures, including interest rate adjustment, to control the pace of economic growth. These measures may cause decreased economic activity in China, which may adversely affect our business and operating results. A Uncertainties with respect to the PRC legal system could adversely affect us and our PRC subsidiaries. A The PRC legal system is a civil law system based on written statutes. Unlike the common law system, prior court decisions under the civil law system may be cited for reference but have limited precedential value. Since these laws and regulations are relatively new and the PRC legal system continues to rapidly evolve, the interpretations of many laws, regulations and rules are not always uniform and the enforcement of these laws, regulations and rules involves uncertainties. A In 1979, the PRC government began to promulgate a comprehensive system of laws and regulations governing economic matters in general. The overall effect of legislation over the past four decades has significantly enhanced the protections afforded to various forms of foreign investments in China. However, China has not developed a fully integrated legal system, and recently enacted laws and regulations may not sufficiently cover all aspects of economic activities in China. In particular, the interpretation and enforcement of these laws and regulations involve uncertainties. Since PRC administrative and court authorities have significant discretion in interpreting and implementing statutory provisions and contractual terms, it may be difficult to evaluate the outcome of administrative and court proceedings and the level of legal protection we enjoy. These uncertainties may affect our and/or our PRC subsidiaries' judgment on the relevance of legal requirements and our/our PRC subsidiaries' ability to enforce our/their contractual rights or tort claims. In addition, the regulatory uncertainties may be exploited through unmerited or frivolous legal actions or threats in attempts to extract payments or benefits from us and our PRC subsidiaries. A Furthermore, the PRC legal system is based in part on government policies and internal rules, some of which are not published on a timely basis or at all and may have retroactive effect. As a result, we and/or our PRC subsidiaries may not be aware of our/their violation of any of these policies and rules until sometime after the violation. In addition, any administrative and court proceedings in China may be protracted, resulting in substantial costs and diversion of resources and management attention. A In addition, we and our PRC subsidiaries are subject to risks and uncertainties of the interpretations and applications of PRC laws and regulations, including, but not limited to, limitations on foreign ownership in the industry our PRC subsidiaries operate. We and our PRC subsidiaries are also subject to the risks and uncertainties about any future actions of the PRC government. If any future actions of the PRC government result in a material change in our operations, and the value of our ordinary shares may depreciate significantly or become worthless. A 26 A A The PRC government exerts substantial influence over the manner in which our PRC subsidiaries must conduct their business activities. If the Chinese government significantly regulates the business operations of our PRC subsidiaries in the future and our PRC subsidiaries are not able to substantially comply with such regulations, the business operations of our PRC subsidiaries may be materially and adversely affected and the value of our ordinary shares may significantly decrease. A The PRC government has exercised, and continues to exercise, substantial control over virtually every sector of the Chinese economy through regulation and state ownership, including steel sector where our PRC subsidiaries have been doing their business. Any government decisions or actions to change the way steel production is regulated, or any decisions the government might make to cut spending, could adversely impact our PRC subsidiaries' business and our results of operations. In addition, the ability of our PRC subsidiaries to operate in China may be harmed by changes in PRC laws and regulations, including those relating to taxation, environmental conditions, land use rights, property and other matters. The central or local governments of these jurisdictions may impose new, stricter regulations or interpretations of existing regulations that would require additional expenditures and efforts on our part to ensure our compliance with such regulations or interpretations. Accordingly, government actions in the future, including any decision not to continue to support recent economic reforms and to return to a more centrally planned economy or regional or local variations in the implementation of economic policies, could have a significant effect on economic conditions in China or particular regions thereof, and could require us to divest ourselves of any interest we then hold in Chinese properties. A We believe that our PRC subsidiaries' operations in China are in material compliance with all applicable legal and regulatory requirements. However, the central or local governments of the jurisdictions in which our PRC subsidiaries operate may impose new, stricter regulations or interpretations of existing regulations with little advance notice that would require additional expenditures and efforts on their part to ensure our subsidiaries' compliance with such regulations or interpretations. A Our PRC subsidiaries may incur increased costs necessary to comply with existing and newly adopted laws and regulations or penalties for any failure to comply. In the event that our PRC subsidiaries are not able to substantially comply with any existing or newly adopted laws and regulations, our business operations may be materially adversely affected and the value of our ordinary shares may significantly decrease. A Furthermore, the PRC government authorities may strengthen oversight and control over offerings that are conducted overseas and/or foreign investment in China-based issuers like us. Such actions taken by the PRC government authorities may intervene or influence the operations of our PRC subsidiaries at any time, which may be beyond our control. Therefore, any such action may adversely affect the operations of our PRC subsidiaries and substantially limit or hinder our ability to offer or continue to offer securities to you and significantly reduce the value of such securities or cause the value of such securities to be completely worthless. A We are required under PRC laws to submit filings to CSRC for our future offerings. However, we believe that we and our PRC subsidiaries are not currently required to obtain the approval and/or comply with other requirements of the CSRC, the CAC, or other PRC governmental authorities under PRC rules, regulations or policies in connection with our continued listing on Nasdaq. In the event that any such approval is required or that there are other requirements we and/or our PRC subsidiaries are obligated to comply with, we cannot predict whether or how soon we and/or our PRC subsidiaries will be able to obtain such approvals and/or comply with such requirements. A The Regulations on Mergers and Acquisitions of Domestic Enterprises by Foreign Investors, or the M&A Rules, purport to require offshore special purpose vehicles that are controlled by PRC companies or individuals and that have been formed for the purpose of seeking a public listing on an overseas stock exchange through acquisitions of PRC domestic companies or assets to obtain CSRC approval prior to publicly listing their securities on an overseas stock exchange. The interpretation and application of those regulations remain unclear. A 27 A A In addition, the PRC government authorities may strengthen future oversight over offerings that are conducted overseas. For instance, on July 6, 2021, the relevant PRC governmental authorities promulgated the Opinions on Strictly Cracking Down on Illegal Securities Activities, which emphasized the need to strengthen the PRC government's supervision over overseas listings by PRC companies. Pursuant to the Opinions, effective measures, such as promoting the construction of relevant regulatory systems, are to be taken to deal with the risks of China-based overseas-listed companies, cybersecurity and data privacy protection requirements and similar matters. The Cybersecurity Review Measures (Decree No. 8 of the Cybersecurity Administration of the PRC), or the revised Cybersecurity Review Measures, enacted on December 28, 2021 and came into effect on February 15, 2022, also require online platform operators holding over one million users' personal information to apply for a cybersecurity review before any public offering on a foreign stock exchange. These statements and regulations are recently issued, and there remain substantial uncertainties about their interpretation and implementation. See also "Our PRC subsidiaries may be liable for improper use or appropriation of personal information provided by their customers and any failure to comply with PRC laws and regulations over data security could result in materially adverse impact on our business, results of operations, and our continued listing on Nasdaq." A On February 17, 2023, the CSRC published the Regulations of Trial Administrative Measures of Overseas Securities Offering and Listing by Domestic Companies (the "Trial Measures") and its accompanying guidelines and instructions, which came into effect on March 31, 2023, and will apply if a domestic enterprise issues shares, depositary receipts, corporate bonds convertible into shares, or other securities of an equity nature outside of the PRC, or lists its securities for trading outside of the PRC. According to such regulations, a domestic enterprise that issues and lists its securities outside of the PRC shall comply with the filing procedures and report the relevant information to the CSRC. A domestic enterprise shall not be listed on an overseas stock exchange if any of the following circumstances exists: (i) where such securities offering and listing is explicitly prohibited by provisions in laws, administrative regulations and relevant state rules; (ii) where the intended securities offering and listing may endanger national security as reviewed and determined by competent authorities under the State Council in accordance with law; (iii) where the domestic company intending to make the securities offering and listing, or its controlling shareholders and the actual controller, have committed crimes such as corruption, bribery, embezzlement, misappropriation of property or undermining the order of the socialist market economy during the latest three years; (iv) where the domestic company intending to make the securities offering and listing is suspected of committing crimes or major violations of laws and regulations, and is under investigation according to law, and no conclusion has yet been made thereof; (v) where there are material ownership disputes over equity held by the domestic company's controlling shareholder or by other shareholders that are controlled by the controlling shareholder and/or actual controller. The Trial Measures changes the management of licensing to record management, strengthen the supervision in the aftermath, create a more transparent and predictable institutional environment, and support the standardized development of enterprises using the overseas capital market. A According to the Notice on Filing Management Arrangements for Overseas Listings of Domestic Enterprises issued and implemented by the CSRC on February 17, 2023, since the date of effectiveness of the Trial Measures, the domestic enterprises falling within the scope of filing that have been listed overseas or met the following circumstances are existing enterprises: Before the effectiveness of the Trial Measures, the application for indirect overseas issuance and listing has been agreed by the overseas regulators or overseas stock exchanges (such as having passed the hearing on the Hong Kong market or registration become effective as agreed on the U.S. market, etc.), and it is not required to perform issuance and listing supervision procedures of the overseas regulators or overseas stock exchanges (such as rehearing on the Hong Kong market, etc.), and the overseas issuance and listing will be completed by September 30, 2023. According to the above regulations, the Company is an existing enterprise, which do not be required to file immediately, and filing should be made as required if they involve refinancing and other filing matters. A As of the date of this Report, we believe we and our PRC subsidiaries are not required to obtain any permission from PRC authorities (including the CSRC and the CAC) to operate our PRC subsidiaries' business as presently conducted or listing on Nasdaq. Therefore, as of the date of this Report, we and our PRC subsidiaries have not applied for any permission or approval from any PRC governmental authority in connection with our offshore listing or offering and, as such, no such permission or approval has been granted or denied. However, if it fails to comply with the Trial Measures during future issuance of securities or listing

on other stock exchanges outside of China, we may be subjected sanctions imposed by the PRC regulatory authorities, and our reputation, financial condition, and results of operations may be materially and adversely affected. 28 Our PRC subsidiaries may be liable for improper use or appropriation of personal information provided by their customers and any failure to comply with PRC laws and regulations over data security could result in materially adverse impact on our business, results of operations, and our continued listing on Nasdaq. Our PRC subsidiaries' business involves collecting and retaining certain internal and customer data. Our PRC subsidiaries also maintain information about various aspects of their operations. The integrity and protection of customer and company data is critical to our business. Our subsidiaries' customers expect that our subsidiaries will adequately protect their personal information. Our PRC subsidiaries are required by applicable laws to keep strictly confidential the personal information that they collect, and to take adequate security measures to safeguard such information. The PRC Criminal Law, as amended by its Amendment 7 (effective on February 28, 2009) and Amendment 9 (effective on November 1, 2015), prohibits institutions, companies and their employees from selling or otherwise illegally disclosing a citizen's personal information obtained in performing duties or providing services or obtaining such information through theft or other illegal ways. On November 7, 2016, the Standing Committee of the PRC National People's Congress issued the Cyber Security Law of the PRC, or Cyber Security Law, which became effective on June 1, 2017. Pursuant to the Cyber Security Law, network operators must not, without users' consent, collect their personal information, and may only collect users' personal information necessary to provide their services. Providers are also obliged to provide security maintenance for their products and services and shall comply with provisions regarding the protection of personal information as stipulated under the relevant laws and regulations. The Civil Code of the PRC (issued by the PRC National People's Congress on May 28, 2020 and effective from January 1, 2021) provides the legal basis for privacy and personal information infringement claims under the Chinese civil laws. PRC regulators, including the CAC, the Ministry of Industry and Information Technology, and the Ministry of Public Security, have been increasingly focused on regulation in data security and data protection. The PRC regulatory requirements regarding cybersecurity are evolving. For instance, various regulatory bodies in China, including the CAC, the Ministry of Public Security and the State Administration for Market Regulation, have enforced data privacy and protection laws and regulations with varying and evolving standards and interpretations. In April 2020, the Chinese government promulgated Cybersecurity Review Measures, which came into effect on June 1, 2020. According to the Cybersecurity Review Measures, operators of critical information infrastructure must pass a cybersecurity review when purchasing network products and services which do or may affect national security. In December 2021, the CAC and other related authorities promulgated the revised Cybersecurity Review Measures, which came into effect on February 15, 2022. The revised Cybersecurity Review Measures propose the following key changes: (1) online platform operators who are engaged in data processing are also subject to the regulatory scope; (2) the CSRC is included as one of the regulatory authorities for purposes of jointly establishing the state cybersecurity review working mechanism; (3) the online platform operators holding more than one million users' individual information and seeking a listing outside China shall file for cybersecurity review with the Cybersecurity Review Office; and (4) the risks of core data, material data or large amounts of personal information being stolen, leaked, destroyed, damaged, illegally used or transmitted to overseas parties and the risks of critical information infrastructure, core data, material data or large amounts of personal information being influenced, controlled or used maliciously shall be collectively taken into consideration during the cybersecurity review process. 29 Our Certain internet platforms in China have reportedly become subject to heightened regulatory scrutiny in relation to cybersecurity matters. As of the date of this Report, we have not been included within the definition of "operator of critical information infrastructure" by a competent authority, nor have we been informed by any PRC governmental authority of any requirement that we file for a cybersecurity review. However, if we are deemed to be a critical information infrastructure operator or an online platform operator that is engaged in data processing and holds personal information of more than one million users, we could be subject to PRC cybersecurity review in the future. As there remains significant uncertainty in the interpretation and enforcement of relevant PRC cybersecurity laws and regulations, we could be subject to cybersecurity review. In addition, we could become subject to enhanced cybersecurity review or investigations launched by PRC regulators in the future. Any failure or delay in the completion of the cybersecurity review procedures or any other non-compliance with the related laws and regulations may result in fines or other penalties, including suspension of business, website closure and revocation of prerequisite licenses, as well as reputational damage or legal proceedings or actions against us and/or our PRC subsidiaries, which may have material adverse effect on our business, financial condition or results of operations. As of the date of this Report, we and our PRC subsidiaries have not been involved in any investigations on cybersecurity review initiated by the CAC or related governmental regulatory authorities, and we and our PRC subsidiaries have not received any inquiry, notice, warning, or sanction in such respect. On June 10, 2021, the Standing Committee of the National People's Congress of China, or the SCNPC, promulgated the PRC Data Security Law, which took effect in September 2021. The PRC Data Security Law imposes data security and privacy obligations on entities and individuals carrying out data activities, and introduces a data classification and hierarchical protection system based on the importance of data in economic and social development, and the degree of harm it will cause to national security, public interests, or legitimate rights and interests of individuals or organizations when such data is tampered with, destroyed, leaked, illegally acquired or used. The PRC Data Security Law also provides for a national security review procedure for data activities that may affect national security and imposes export restrictions on certain data an information. As of the date of this Report, we do not expect that the current PRC laws on cybersecurity or data security would have a material adverse impact on our business operations. However, as the scope of the PRC Data Security Law is broad and includes the collection, storage, use, processing, transmission, availability and disclosure of data, among others, and uncertainties remain regarding the interpretation and implementation of these laws and regulations, we cannot assure you that we and our PRC subsidiaries will comply with such regulations in all respects and we and/or our PRC subsidiaries may be ordered to rectify or terminate any actions that are deemed illegal by regulatory authorities. Any directly liable person within our Company for violations or alleged violations of the PRC Data Security Law may become subject to fines. We and/or our PRC subsidiaries may also become subject to fines and/or other sanctions that may have material adverse effect on our business, operations and financial condition. A severe or prolonged downturn in the PRC or global economy could materially and adversely affect our business and our financial condition. The global macroeconomic environment is facing challenges. There is considerable uncertainty over the long-term effects of the expansionary monetary and fiscal policies adopted by the central banks and financial authorities of some of the world's leading economies, including the United States and China. There have been concerns over unrest and terrorist threats in the Middle East, Europe and Africa and over the conflicts involving Ukraine, Syria, Russia and North Korea. There have also been concerns on the relationship among China and other Asian countries, which may result in, or intensify potential conflicts in relation to, territorial disputes, and the trade disputes between China and other countries. It is unclear whether these challenges and uncertainties will be contained or resolved, and what effects they may have on the global political and economic conditions in the long term. 30 Our Economic conditions in China are sensitive to global economic conditions, changes in domestic economic and political policies and the expected or perceived overall economic growth rate in China. While the economy in China has grown significantly over the past decades, growth has been uneven, both geographically and among various sectors of the economy, and the rate of growth has been slowing in recent years. Although growth of China's economy remained relatively stable, there is a possibility that China's economic growth may materially decline in the near future. Any severe or prolonged slowdown in the global or PRC economy may materially and adversely affect our business, results of operations and financial condition. You may have difficulty enforcing judgments against us. A significant portion of our assets are located, and a substantial amount of our subsidiaries' operations are conducted, in the PRC. In addition, some of our directors and officers are nationals or residents of the PRC, including our chief financial officer, Mr. Jing Jin, and independent director, Mr. Ming Zhao, and a substantial majority of their assets are located outside the United States. As a result, it may be difficult to effect service of process within the United States upon these persons. In addition, there is uncertainty as to whether the courts of the PRC would recognize or enforce judgments of U.S. courts because China does not have any treaties or other arrangements that provide for the reciprocal recognition and enforcement of foreign judgments with the United States. In addition, according to the PRC Civil Procedures Law, courts in the PRC will not enforce a foreign judgment against us or our directors and officers if they decide that the judgment violates basic principles of PRC law or national sovereignty, security, or the public interest. Under the PRC Enterprise Income Tax Law, we may be classified as a "Resident Enterprise" of China. Any classification as such will likely result in unfavorable tax consequences to us and our non-PRC shareholders. Under the PRC EIT Law, an enterprise established outside of China with "de facto management bodies" within China is considered a "resident enterprise," meaning that it can be subject to an enterprise income tax, or EIT, rate of 25.0% on its global income. In April 2009, the SAT promulgated a circular, known as Circular 82, and partially amended by Circular 9 promulgated in January 2014, to clarify the certain criteria for the determination of the "de facto management bodies" for foreign enterprises controlled by PRC enterprises or PRC enterprise groups. Under Circular 82, a foreign enterprise is considered a PRC resident enterprise if all of the following apply: (1) the senior management and core management departments in charge of daily operations are located mainly within China; (2) decisions relating to the enterprise's financial and human resource matters are made or subject to approval by organizations or personnel in China; (3) the enterprise's primary assets, accounting books and records, company seals, and board and shareholders' meeting minutes are located or maintained in China; and (4) 50.0% or more of voting board members or senior executives of the enterprise habitually reside in China. Further to Circular 82, the SAT issued a bulletin, known as Bulletin 45, effective in September 2011 and amended on June 1, 2015 and October 1, 2016, to provide more guidance on the implementation of Circular 82 and clarify the reporting and filing obligations of such "Chinese controlled offshore incorporated resident enterprises." Bulletin 45 provides for, among other matters, procedures for the determination of resident status and administration of post-determination matters. Although Circular 82 and Bulletin 45 explicitly provide that the above standards apply to enterprises that are registered outside China and controlled by PRC enterprises or PRC enterprise groups, Circular 82 may reflect the SAT's criteria for determining the tax residence of foreign enterprises in general. 31 Our If the PRC tax authorities determine that we are a "resident enterprise" for PRC enterprise income tax purposes, a number of unfavorable PRC tax consequences could follow. First, we may be subject to the enterprise income tax at a rate of 25% on our worldwide taxable income as well as PRC enterprise income tax reporting obligations. In our case, this would mean that income such as non-China source income would be subject to PRC enterprise income tax at a rate of 25%. Second, under the PRC EIT Law, dividends paid to us

from our PRC subsidiaries would be deemed as “qualified investment income between resident enterprises” and therefore qualify as “exempt-income” pursuant to the clause 26 of the PRC EIT Law. Finally, it is possible that future guidance issued with respect to the new “resident enterprise” classification could result in a situation in which the dividends we pay with respect to our ordinary shares, or the gain our non-PRC shareholders may realize from the transfer of our ordinary shares, may be treated as PRC-sourced income and may therefore be subject to a 10% PRC withholding tax. The PRC EIT Law is, however, relatively new and ambiguities exist with respect to the interpretation and identification of PRC-sourced income, and the application and assessment of withholding taxes. If we are required under the PRC EIT Law to withhold PRC income tax on dividends payable to our non-PRC shareholders, should there be a determination in the future to pay dividends, or if non-PRC shareholders are required to pay PRC income tax on gains on the transfer of their ordinary shares, our business could be negatively impacted and the value of your investment may be materially reduced. Further, if we were treated as a “resident enterprise” by PRC tax authorities, we would be subject to taxation in both China and such countries in which we have taxable income, and our PRC tax may not be creditable against such other taxes. A PRC regulation of loans to, and direct investments in, PRC entities by offshore holding companies may delay or prevent us from using proceeds from our future financing activities to make loans or additional capital contributions to our PRC subsidiaries. As an offshore holding company with PRC subsidiaries, we may transfer funds to our PRC subsidiaries or finance our PRC entities by means of loans or capital contributions. Any capital contributions or loans that we, as an offshore entity, make to our PRC subsidiaries, are subject to PRC regulations. Any loans to our PRC subsidiaries, which are foreign-invested enterprises, cannot exceed statutory limits based on the difference between the amount of our investments and registered capital in such subsidiaries, and shall be registered with State Administration of Foreign Exchange, or SAFE, or its local counterparts. Furthermore, any capital increase contributions we make to our PRC subsidiaries, which are foreign-invested enterprises, are subject to the requirement of making necessary reports in Foreign Investment Comprehensive Management Information System, and registration with other government authorities in China. We may not be able to obtain these government registrations or approvals on a timely basis, if at all. If we fail to obtain such approvals or make such registration, our ability to make equity contributions or provide loans to our PRC subsidiaries or to fund their operations may be negatively affected, which may adversely affect their liquidity and ability to fund their working capital and expansion projects and meet their obligations and commitments. As a result, our liquidity and our ability to fund and expand our business may be negatively affected. We may rely on dividends paid by our subsidiaries for our cash needs, and any limitation on the ability of our subsidiaries to make payments to us could have a material adverse effect on our ability to conduct business. As a holding company, we conduct a substantial amount of our business through our subsidiaries in China. We may rely on dividends paid by these PRC subsidiaries for our cash needs, including the funds necessary to pay any dividends and other cash distributions to our shareholders, to service any debt we may incur and to pay our operating expenses. The payment of dividends by entities established in China is subject to limitations. Regulations in China currently permit payment of dividends only out of accumulated profits as determined in accordance with accounting standards and regulations in China. In accordance with the Article 210, 214 of the Company Law of the PRC (Revised in 2023), each of our PRC subsidiaries is required to allocate 10% of their profits to their statutory common reserve when they distribute their after-tax profits for the current year. A company shall no longer be required to make allocations to their statutory common reserve once the aggregate amount of such reserve exceeds 50% of their registered capital. The statutory common reserve fund of a company may only be used to cover the losses of the company, expand the business and production of the company or be converted into additional capital. As a result, our PRC subsidiaries are restricted in their ability to transfer a portion of their net assets to us in the form of dividends. In addition, if any of our PRC subsidiaries incurs debt on its own behalf in the future, the instruments governing the debt may restrict such subsidiary’s ability to pay dividends or make other distributions to us. Any limitations on the ability of our PRC subsidiaries to transfer funds to us could materially and adversely limit our ability to grow, make investments or acquisitions that could be beneficial to our business, pay dividends and otherwise fund and conduct our business. A A 32 A A You may be subject to PRC income tax on dividends from us or on any gain realized on the transfer of our ordinary shares. A Under the PRC EIT Law, subject to any applicable tax treaty or similar arrangement between the PRC and your jurisdiction of residence that provides for a different income tax arrangement, PRC withholding tax at the rate of 10.0% is normally applicable to dividends from PRC sources payable to investors that are non-PRC resident enterprises, which do not have an establishment or place of business in China, or which have such establishment or place of business if the relevant income is not effectively connected with the establishment or place of business. Any gain realized on the transfer of shares by such investors is subject to 10.0% PRC income tax if such gain is regarded as income derived from sources within China unless a treaty or similar arrangement otherwise provides. Under the Individual Income Tax Law of the PRC and its implementation rules, dividends from sources within China paid to foreign individual investors who are not PRC residents are generally subject to a PRC withholding tax at a rate of 20% and gains from PRC sources realized by such investors on the transfer of shares are generally subject to 20% PRC income tax, in each case, subject to any reduction or exemption set forth in applicable tax treaties and PRC laws. A There is a risk that we will be treated by the PRC tax authorities as a PRC tax resident enterprise. In that case, any dividends we pay to our shareholders may be regarded as income derived from sources within China and we may be required to withhold a 10.0% PRC withholding tax for the dividends we pay to our investors who are non-PRC corporate shareholders, or a 20.0% withholding tax for the dividends we pay to our investors who are non-PRC individual shareholders, including the holders of our Shares. In addition, our non-PRC shareholders may be subject to PRC tax on gains realized on the sale or other disposition of our ordinary shares, if such income is treated as sourced from within China. It is unclear whether our non-PRC shareholders would be able to claim the benefits of any tax treaties between their tax residence and China in the event that we are considered as a PRC resident enterprise. If PRC income tax is imposed on gains realized through the transfer of our ordinary shares or on dividends paid to our non-resident investors, should there be a determination in the future to pay dividends, the value of your investment in our ordinary shares may be materially and adversely affected. Furthermore, our shareholders whose jurisdictions of residence have tax treaties or arrangements with China may not qualify for benefits under such tax treaties or arrangements. A We may be unable to complete a business combination transaction efficiently or on favorable terms due to complicated merger and acquisition regulations and certain other PRC regulations. A On August 8, 2006, six PRC regulatory authorities, including Ministry of Commerce, the State Assets Supervision and Administration Commission, the SAT, the Administration for Industry and Commerce, the CSRC and SAFE, jointly issued the M&A Rules, which became effective on September 8, 2006 and were amended in June 2009. The M&A Rules, governing the approval process by which a PRC company may participate in an acquisition of assets or equity interests by foreign investors, requires the PRC parties to make a series of applications and supplemental applications to the government agencies, depending on the structure of the transaction. In some instances, the application process may require presentation of economic data concerning a transaction, including appraisals of the target business and evaluations of the acquirer, which are designed to allow the government to assess the transaction. Accordingly, due to the M&A Rules, our ability to engage in business combination transactions has become significantly more complicated, time-consuming and expensive, and we may not be able to negotiate a transaction that is acceptable to our shareholders or sufficiently protective of their interests in a transaction. A The M&A Rules allow PRC government agencies to assess the economic terms of a business combination transaction. Parties to a business combination transaction may have to submit to Ministry of Commerce and other relevant government agencies an appraisal report, an evaluation report and the acquisition agreement, all of which form part of the application for approval, depending on the structure of the transaction. The M&A Rules also prohibit a transaction at an acquisition price obviously lower than the appraised value of the business or assets in China and in certain transaction structures, require that consideration must be paid within defined periods, generally not in excess of a year. In addition, the M&A Rules also limit our ability to negotiate various terms of the acquisition, including aspects of the initial consideration, contingent consideration, holdback provisions, indemnification provisions and provisions relating to the assumption and allocation of assets and liabilities. Transaction structures involving trusts, nominees and similar entities are prohibited. Therefore, such regulations may impede our ability to negotiate and complete a business combination transaction on legal and/or financial terms that satisfy our investors and protect our shareholders’ economic interests. A 33 A A Fluctuations in exchange rates could have a material adverse impact on our results of operations and the value of your investment. A The conversion of Renminbi into foreign currencies, including U.S. dollars, is based on rates set by the People’s Bank of China. The Renminbi has fluctuated against the U.S. dollar, at times significantly and unpredictably. The value of the Renminbi against the U.S. dollar and other currencies may fluctuate and is affected by, among other things, changes in political and economic conditions in China and by China’s foreign exchange policies, among other things. We cannot assure you that Renminbi will not appreciate or depreciate significantly in value against the U.S. dollar in the future. It is difficult to predict how market forces or PRC or U.S. government policy may impact the exchange rate between the Renminbi and the U.S. dollar in the future. A Significant fluctuation of the Renminbi may have a material adverse effect on your investment. For example, to the extent that we need to convert U.S. dollars into Renminbi for our operations, appreciation of the Renminbi against the U.S. dollar would have an adverse effect on the Renminbi amount we would receive from the conversion. Conversely, if we decide to convert our Renminbi into U.S. dollars for the purpose of making payments for dividends on our ordinary shares or for other business purposes, appreciation of the U.S. dollar against the Renminbi would have a negative effect on the U.S. dollar amount available to us. A Very limited hedging options are available in China to reduce our exposure to exchange rate fluctuations. As of the date of this Report, we have not entered into any material hedging transactions in an effort to reduce our exposure to foreign currency exchange risk. While we may decide to enter into hedging transactions in the future, the availability and effectiveness of these hedges may be limited and we may not be able to adequately hedge our exposure or at all. In addition, our currency exchange losses may be magnified by PRC exchange control regulations that restrict our ability to convert Renminbi into foreign currency. A Governmental control of currency conversion may limit our ability to utilize our revenues effectively and affect the value of your investment. A The PRC government imposes controls on the convertibility of the Renminbi into foreign currencies and, in certain cases, the remittance of currency out of China. We receive a significant portion of our revenues in Renminbi. Under our current corporate structure, our British Virgin Islands holding company may rely on dividend payments from our PRC subsidiaries to fund any cash and financing requirements we may have. Under existing PRC foreign exchange regulations, payments of current account items, including profit distributions, interest payments and trade and service-related foreign exchange transactions, can be made in foreign currencies without prior approval of SAFE, by complying with certain procedural requirements. Specifically, under the existing exchange restrictions, without prior approval of SAFE,

cash generated from the operations of our PRC subsidiaries in China may be used to pay dividends to our Company. However, approval from or registration with appropriate government authorities is required where Renminbi is to be converted into foreign currency and remitted out of China to pay capital expenses such as the repayment of loans denominated in foreign currencies. As a result, we need to obtain SAFE approval to use cash generated from the operations of our PRC subsidiaries to pay off their respective debt in a currency other than Renminbi owed to entities outside China, or to make other capital expenditure payments outside China in a currency other than Renminbi. If such approval is withheld or the PRC government imposes other restrictions on the convertibility of Renminbi into foreign currencies, we may not be able to utilize our revenues effectively, and as a result, our business and results of operations may be materially adversely affected, and the value of our ordinary shares may decrease. 34

U.S. regulatory bodies may be limited in their ability to conduct investigations or inspections of our operations in China. The SEC, the U.S. Department of Justice and other U.S. authorities may also have difficulties in bringing and enforcing actions against us or our directors or executive officers in the PRC. The SEC has stated that there are significant legal and other obstacles to obtaining information needed for investigations or litigation in China. China has recently adopted a revised securities law that became effective on March 1, 2020, Article 177 of which provides, among other things, that no overseas securities regulator is allowed to directly conduct an investigation or evidence collection activities within the territory of the PRC. Accordingly, without governmental approval in China, no entity or individual in China may provide documents and information relating to securities business activities to overseas regulators when it is under direct investigation or evidence discovery conducted by overseas regulators, which could present significant legal and other obstacles to obtaining information needed for investigations and litigation conducted outside of China. Our ordinary shares may be delisted and prohibited from being traded under the Holding Foreign Companies Accountable Act if the PCAOB is unable to inspect our auditors. The delisting and the cessation of trading of our ordinary shares, or the treat of their being delisted and prohibited from being traded, may materially and adversely affect the value of your investment. Additionally, any inability of the PCAOB to conduct inspections deprives our investors with the benefits of such inspections. Pursuant to the Holding Foreign Companies Accountable Act, as amended by the Consolidated Appropriations Act 2023, if the SEC determines that we have filed audit reports issued by a registered public accounting firm that has not been subject to inspections by the PCAOB for two consecutive years, the SEC will prohibit our Ordinary Shares from being traded on a national securities exchange or in the over-the-counter trading market in the United States. Our auditor, Enrome LLP, as an auditor of companies that are traded publicly in the United States and a firm registered with the PCAOB, is subject to laws in the United States pursuant to which the PCAOB conducts regular inspections to assess its compliance with the applicable professional standards and was not identified in PCAOB’s determination report as a firm subject to the PCAOB’s determination. Our current auditor, Enrome LLP, is headquartered in the Republic of Singapore and subject to inspect by the PCAOB. If the PCAOB determines in the future that it no longer has full access to inspect and investigate completely accounting firms in mainland China and Hong Kong and we use an accounting firm headquartered in one of these jurisdictions to issue an audit report on our financial statements filed with the SEC, we would be identified as a Commission-Identified Issuer following the filing of the annual report on Form 20-F for the relevant fiscal year. In accordance with the Holding Foreign Companies Accountable Act, our securities would be prohibited from being traded on a national securities exchange or in the over-the-counter trading market in the United States if we are identified as a Commission-Identified Issuer for two consecutive years in the future. A prohibition of being able to trade in the United States would substantially impair or completely hinder your ability to sell or purchase our Ordinary Shares when you wish to do so, and the risk and uncertainty associated with delisting would have a negative impact on the price of our Ordinary Shares or render them worthless. Also, such a prohibition would significantly affect our ability to raise capital on terms acceptable to us, or at all, which would have a material adverse impact on our business, financial condition, and prospects. Additionally, we cannot assure you whether the national securities exchange we are listed on or regulatory authorities would apply additional and more stringent criteria to us after considering the effectiveness of our auditor’s audit procedures and quality control procedures, adequacy of personnel and training, or sufficiency of resources, geographic reach, or experience as it relates to our audit.

35 Risks Related to Our Ordinary Shares

Future sales of our ordinary shares, whether by us or our shareholders, could cause the price of our ordinary shares to decline. If our existing shareholders sell, or indicate an intent to sell, substantial amounts of our ordinary shares in the public market, the trading price of our ordinary shares could decline significantly. Similarly, the perception in the public market that our shareholders might sell our ordinary shares could also depress the market price of our shares. A decline in the price of our ordinary shares might impede our ability to raise capital through the issuance of additional ordinary shares or other equity securities. In addition, the issuance and sale by us of additional ordinary shares, or securities convertible into or exercisable for our ordinary shares, or the perception that we will issue such securities, could reduce the trading price for our ordinary shares as well as make future sales of equity securities by us less attractive or not feasible. The sale of ordinary shares issued upon the exercise of our outstanding warrants could further dilute the holdings of our then existing shareholders.

We do not know whether a market for the ordinary shares will be sustained or what the trading price of the ordinary shares will be and as a result it may be difficult for you to sell your ordinary shares. Although our ordinary shares trade on Nasdaq, an active trading market for the ordinary shares may not be sustained. It may be difficult for you to sell your ordinary shares without depressing the market price for the ordinary shares. As a result of these and other factors, you may not be able to sell your ordinary shares. Further, an inactive market may also impair our ability to raise capital by selling ordinary shares, or may impair our ability to enter into strategic partnerships or acquire companies or products by using our ordinary shares as consideration. Securities analysts may not cover our ordinary shares and this may have a negative impact on the market price of our ordinary shares. The trading market for our ordinary shares will depend, in part, on the research and reports that securities or industry analysts publish about us or our business. We do not have any control over independent analysts (provided that we have engaged various non-independent analysts). We do not currently have and may never obtain research coverage by independent securities and industry analysts. If no independent securities or industry analysts commence coverage of us, the trading price for our ordinary shares would be negatively impacted. If we obtain independent securities or industry analyst coverage and if one or more of the analysts who covers us downgrades our ordinary shares, changes their opinion of our shares or publishes inaccurate or unfavorable research about our business, the price of our ordinary shares would likely decline. If one or more of these analysts ceases coverage of us or fails to publish reports on us regularly, demand for our ordinary shares could decrease and we could lose visibility in the financial markets, which could cause the price and trading volume of our ordinary shares to decline. Because we do not expect to pay dividends in the foreseeable future, you must rely on the price appreciation of our ordinary shares for a return on your investment. We currently intend to retain most, if not all, of our available funds and any future earnings to fund the development and growth of our business. As a result, we do not expect to pay any cash dividends in the foreseeable future. Therefore, you should not rely on an investment in our ordinary shares as a source for any future dividend income. Our board of directors has complete discretion as to whether to distribute dividends, subject to certain requirements of British Virgin Islands law. In addition, our shareholders may by ordinary resolution declare a dividend, but no dividend may exceed the amount recommended by our board of directors. Under British Virgin Islands law, a British Virgin Islands company may pay a dividend out of either profit or share premium account, provided that in no circumstances may a dividend be paid if this would result in the company being unable to pay its debts as they fall due in the ordinary course of business. Even if our board of directors decides to declare and pay dividends, the timing, amount and form of future dividends, if any, will depend on, among other things, our future results of operations and cash flow, our capital requirements and surplus, the amount of distributions, if any, received by us from our subsidiaries, our financial condition, contractual restrictions, and other factors deemed relevant by our board of directors. Accordingly, the return on your investment in our ordinary shares will likely depend entirely upon any future price appreciation of our ordinary shares. There is no guarantee that our ordinary shares will appreciate in value or even maintain the price at which you purchased the ordinary shares. You may not realize a return on your investment in our ordinary shares and you may even lose your entire investment in our ordinary shares.

36 Techniques employed by short sellers may drive down the market price of our ordinary shares. Short selling is the practice of selling securities that the seller does not own but rather has borrowed from a third party with the intention of buying identical securities back at a later date to return to the lender. The short seller hopes to profit from a decline in the value of the securities between the sale of the borrowed securities and the purchase of the replacement shares, as the short seller expects to pay less in that purchase than it received in the sale. As it is in the short seller’s interest for the price of the security to decline, many short sellers publish, or arrange for the publication of, negative opinions regarding the relevant issuer and its business prospects in order to create negative market momentum and generate profits for themselves after selling a security short. These short attacks have, in the past, led to selling of shares in the market. Other public companies listed in the United States that have substantial operations in China have been the subject of short selling. Much of the scrutiny and negative publicity has centered on allegations of a lack of effective internal control over financial reporting resulting in financial and accounting irregularities and mistakes, inadequate corporate governance policies or a lack of adherence thereto and, in many cases, allegations of fraud. As a result, many of these companies are now conducting internal and external investigations into the allegations and, in the interim, are subject to shareholder lawsuits and/or SEC enforcement actions. We may in the future be the subject of unfavorable allegations made by short sellers. Any such allegations may be followed by periods of instability in the market price of our ordinary shares and negative publicity. If and when we become the subject of any unfavorable allegations, whether such allegations are proven to be true or untrue, we could be required to expend a significant amount of resources to investigate such allegations and/or defend ourselves. While we would strongly defend against any such short seller attacks, we may be constrained in the manner in which we can proceed against the relevant short seller by principles of freedom of speech, applicable federal or state law or issues of commercial confidentiality. Such a situation could be costly and time-consuming and could distract our management from growing our business. Even if such allegations are ultimately proven to be groundless, allegations against us could severely impact our business operations and shareholder’s equity, and the value of any investment in our ordinary shares could be greatly reduced or rendered worthless.

ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS. There were no unregistered sales of the Company’s equity securities during the six months ended June 30, 2024 that were not previously disclosed in reports filed with the SEC.

3. DEFAULTS UPON SENIOR SECURITIES. No senior securities were issued and outstanding during the six-month period ended June 30, 2024.

4. MINE SAFETY DISCLOSURES. Not applicable.

5. OTHER INFORMATION. None.

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ITEM 6. EXHIBITS

(a) Exhibits

Exhibit A

Exhibit Description 3.1(2) A Memorandum and Articles of Association. 3.2(2) A Amended and Restated Articles of Association. 3.3(1) A Second Amended and Restated Articles of Association. 3.4(3) A Amended and Restated Memorandum and Articles of Association, effective on October 24, 2019. 10.1(4) A 2020 Equity Incentive Plan 10.2(5) A 2021 Equity Incentive Plan 31.1* A Certification pursuant to Rule 13a-14(a) or 15d-14(a) under the Securities Exchange Act of 1934, as amended, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002. 31.2* A Certification pursuant to Rule 13a-14(a) or 15d-14(a) under the Securities Exchange Act of 1934, as amended, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002. 32.1** A Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. 32.2** A Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. 101.INS A Inline XBRL Instance Document. 101.SCH A Inline XBRL Taxonomy Extension Schema Document. 101.CAL A Inline XBRL Taxonomy Extension Calculation Linkbase Document. 101.DEF A Inline XBRL Taxonomy Extension Definition Linkbase Document. 101.LAB A Inline XBRL Taxonomy Extension Label Linkbase Document. 101.PRE A Inline XBRL Taxonomy Extension Presentation Linkbase Document. 104 A Cover Page Interactive Data File (formatted as Inline XBRL and contained in Exhibit 101). A (1) Incorporated by reference to the Company's Form 8-K, filed with the SEC on July 30, 2018. A (2) Incorporated by reference to the Company's Form S-1/A, filed with the SEC on July 16, 2018. A A (3) Incorporated by reference to the Company's Form 8-K, filed with the SEC on October 30, 2019. A (4) Incorporated by reference to the Company's Definitive Proxy Statement on A Schedule 14A, filed with the SEC on December 1, 2020. A A (5) Incorporated by reference to the Company's Definitive Proxy Statement on A Schedule 14A, filed with the SEC on December 1, 2021. A * Filed herewith. A ** In accordance with Item 601(b)(32)(ii) of Regulation S-K and SEC Release No. 34-47986, the certifications furnished in Exhibits 32.1 and 32.2 herewith are deemed to accompany this Form 10-Q and will not be deemed filed for purposes of Section 18 of the Exchange Act. Such certifications will not be deemed to be incorporated by reference into any filings under the Securities Act or the Exchange Act. A 38 A A SIGNATURES A Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized. A A Greenland Technologies Holding Corp. A A Date: August 14, 2024 /s/ Raymond Z. Wang A Raymond Z. Wang Chief Executive Officer and President A A 39 A 01-0038605 Unlimited Unlimited 0.18 0.30 0.34 0.53 70000 70000 0.18 0.30 0.34 0.53 false --12-31 Q2 0001735041 0001735041 2024-01-01 2024-06-30 0001735041 2024-08-14 0001735041 2024-06-30 0001735041 2023-12-31 0001735041 us-gaap:RelatedPartyMember 2024-06-30 0001735041 us-gaap:RelatedPartyMember 2023-12-31 0001735041 2024-06-30 0001735041 2023-12-31 0001735041 2024-04-01 2024-06-30 0001735041 2023-04-01 2023-06-30 0001735041 2023-01-01 2023-06-30 0001735041 us-gaap:CommonStockMember 2022-12-31 0001735041 us-gaap:AdditionalPaidInCapitalMember 2022-12-31 0001735041 us-gaap:AccumulatedOtherComprehensiveIncomeMember 2022-12-31 0001735041 gtec:StatutoryReserveMember 2022-12-31 0001735041 us-gaap:RetainedEarningsMember 2022-12-31 0001735041 us-gaap:NoncontrollingInterestMember 2022-12-31 0001735041 2022-12-31 0001735041 us-gaap:CommonStockMember 2023-01-01 2023-03-31 0001735041 us-gaap:AdditionalPaidInCapitalMember 2023-01-01 2023-03-31 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Securities Exchange Act Rules 13a-14(a) and 15d-14(a) as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 A I, Raymond Z. Wang, certify that: A 1. I have reviewed this quarterly report on Form 10-Q of Greenland Technologies Holding Corporation; A 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report; A 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the company as of, and for, the periods presented in this report; A 4. The company's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(f)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the company and have: A a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the company, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared; A b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles; A c. Evaluated the effectiveness of the company's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and A d. Disclosed in this report any change in the company's internal control over financial reporting that occurred during the company's most recent fiscal quarter (the company's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the company's internal control over financial reporting; and A 5. The company's other certifying officer(s)

and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the company’s auditors and the audit committee of the company’s board of directors (or persons performing the equivalent functions):

Á Á a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the company’s ability to record, process, summarize and report financial information; and

Á Á b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the company’s internal control over financial reporting.

Á Date: August 14, 2024

Á Á Á /s/ Raymond Z. Wang Á Name:Á Raymond Z. Wang Á Title: Chief Executive Officer (Principal Executive Officer) EX-31.2 3 ea021113501ex31-2_greenland.htm CERTIFICATION Exhibit 31.2

Á Certification by the Principal Financial Officer pursuant to Securities Exchange Act Rules 13a-14(a) and 15d-14(a) as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002

Á I, Jing Jin, certify that:

Á 1. I have reviewed this quarterly report on Form 10-Q of Greenland Technologies Holding Corporation;

Á 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

Á 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the company as of, and for, the periods presented in this report;

Á 4. The company’s other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the company and have:

Á Á a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the company, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

Á Á Á b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

Á Á Á c. Evaluated the effectiveness of the company’s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

Á Á Á d. Disclosed in this report any change in the company’s internal control over financial reporting that occurred during the company’s most recent fiscal quarter (the company’s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the company’s internal control over financial reporting; and

Á 5.The company’s other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the company’s auditors and the audit committee of the company’s board of directors (or persons performing the equivalent functions):

Á Á a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the company’s ability to record, process, summarize and report financial information; and

Á Á Á b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the company’s internal control over financial reporting.

Á Date: August 14, 2024

Á Á Á /s/ Jing Jin Á Name:Á Jing Jin Á Title: Chief Financial Officer (Principal Financial Officer) EX-32.1 4 ea021113501ex32-1_greenland.htm CERTIFICATION Exhibit 32.1

Á Certification by the Principal Executive Officer Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002

Á Pursuant to U.S.C. Section 1350 of the Sarbanes-Oxley Act of 2002 (subsections (a) and (b) of Section 1350, Chapter 63 of Title 18, United States Code), I, Raymond Z. Wang, Chief Executive Officer of Greenland Technologies Holding Corporation (the “Company”), hereby certify to my knowledge that:

Á The quarterly report on Form 10-Q for the quarter ended June 30, 2024 of the Company fully complies, in all material respects, with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 and information contained in the Form 10-Q fairly presents, in all material respects, the financial condition and results of operations of the Company.

Á Dated: August 14, 2024

Á Á /s/ Raymond Z. Wang Á Raymond Z. Wang Á Chief Executive Officer (Principal Executive Officer) EX-32.2 5 ea021113501ex32-2_greenland.htm CERTIFICATION Exhibit 32.2

Á Certification by the Principal Financial Officer Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002

Á Pursuant to U.S.C. Section 1350 of the Sarbanes-Oxley Act of 2002 (subsections (a) and (b) of Section 1350, Chapter 63 of Title 18, United States Code), I, Jing Jin, Chief Financial Officer of Greenland Technologies Holding Corporation (the “Company”), hereby certify to my knowledge that:

Á The quarterly report on Form 10-Q for the quarter ended June 30, 2024 of the Company fully complies, in all material respects, with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 and information contained in the 10-Q fairly presents, in all material respects, the financial condition and results of operations of the Company.

Á Dated: August 14, 2024

Á Á /s/ Jing Jin Á Jing Jin Á Chief Financial Officer (Principal Financial Officer) EX-101.SCH 6 gtec-20240630.xsd XBRL SCHEMA FILE 995301 - Statement - Unaudited Consolidated Balance Sheets link:presentationLink link:definitionLink link:calculationLink 995302 - Statement - Unaudited Consolidated Balance Sheets (Parentheticals) link:presentationLink link:definitionLink link:calculationLink 995303 - Statement - Unaudited Consolidated Statements of Operations and Comprehensive Income (Loss) (Unaudited) link:presentationLink link:definitionLink link:calculationLink 995304 - Statement - Unaudited Consolidated Statements of Operations and Comprehensive Income (Loss) (Unaudited) (Parentheticals) link:presentationLink link:definitionLink link:calculationLink 995305 - Statement - Unaudited Consolidated Statements of Shareholders’ Equity link:presentationLink link:definitionLink link:calculationLink 995306 - Statement - Unaudited Consolidated Statements of Cash Flows (Unaudited) link:presentationLink link:definitionLink link:calculationLink 995307 - Disclosure - Organization and Principal Activities link:presentationLink link:definitionLink link:calculationLink 995308 - Disclosure - Summary of Significant Accounting Policies link:presentationLink link:definitionLink link:calculationLink 995309 - Disclosure - Short Term Investment link:presentationLink link:definitionLink link:calculationLink 995310 - Disclosure - Concentration on Revenues and Cost of Goods Sold link:presentationLink link:definitionLink link:calculationLink 995311 - Disclosure - Accounts Receivable link:presentationLink link:definitionLink link:calculationLink 995312 - Disclosure - Inventories, Net link:presentationLink link:definitionLink link:calculationLink 995313 - Disclosure - Notes Receivable link:presentationLink link:definitionLink link:calculationLink 995314 - Disclosure - Property, Plant and Equipment and Construction in Progress link:presentationLink link:definitionLink link:calculationLink 995315 - Disclosure - Land Use Rights, Net link:presentationLink link:definitionLink link:calculationLink 995316 - Disclosure - Fixed Deposit link:presentationLink link:definitionLink link:calculationLink 995317 - Disclosure - Notes Payable-Bank Acceptance Notes link:presentationLink link:definitionLink link:calculationLink 995318 - Disclosure - Accounts Payable link:presentationLink link:definitionLink link:calculationLink 995319 - Disclosure - Short Term Bank Loans link:presentationLink link:definitionLink link:calculationLink 995320 - Disclosure - Other Current Liabilities link:presentationLink link:definitionLink link:calculationLink 995321 - Disclosure - Deferred Revenue link:presentationLink link:definitionLink link:calculationLink 995322 - Disclosure - Leases link:presentationLink link:definitionLink link:calculationLink 995323 - Disclosure - Warrant Liability link:presentationLink link:definitionLink link:calculationLink 995324 - Disclosure - Shareholders’ Equity link:presentationLink link:definitionLink link:calculationLink 995325 - Disclosure - Earnings Per Share link:presentationLink link:definitionLink link:calculationLink 995326 - Disclosure - Geographical Sales and Segments link:presentationLink link:definitionLink link:calculationLink 995327 - Disclosure - Income Taxes link:presentationLink link:definitionLink link:calculationLink 995328 - Disclosure - Commitments and Contingencies link:presentationLink link:definitionLink link:calculationLink 995329 - Disclosure - Related Party Transactions link:presentationLink link:definitionLink link:calculationLink 995330 - Disclosure - Subsequent Events link:presentationLink link:definitionLink link:calculationLink 996000 - Disclosure - Accounting Policies, by Policy (Policies) link:presentationLink link:definitionLink link:calculationLink 996001 - Disclosure - Organization and Principal Activities (Tables) link:presentationLink link:definitionLink link:calculationLink 996002 - Disclosure - Summary of Significant Accounting Policies (Tables) link:presentationLink link:definitionLink link:calculationLink 996003 - Disclosure - Concentration on Revenues and Cost of Goods Sold (Tables) link:presentationLink link:definitionLink link:calculationLink 996004 - Disclosure - Accounts Receivable (Tables) link:presentationLink link:definitionLink link:calculationLink 996005 - Disclosure - Inventories, Net (Tables) link:presentationLink link:definitionLink link:calculationLink 996006 - Disclosure - Notes Receivable (Tables) link:presentationLink link:definitionLink link:calculationLink 996007 - Disclosure - Property, Plant and Equipment and Construction in Progress (Tables) link:presentationLink link:definitionLink link:calculationLink 996008 - Disclosure - Land Use Rights, Net (Tables) link:presentationLink link:definitionLink link:calculationLink 996009 - Disclosure - Fixed Deposit (Tables) link:presentationLink link:definitionLink link:calculationLink 996010 - Disclosure - Notes Payable-Bank Acceptance Notes (Tables) link:presentationLink link:definitionLink link:calculationLink 996011 - Disclosure - Accounts Payable (Tables) link:presentationLink link:definitionLink link:calculationLink 996012 - Disclosure - Short Term Bank Loans (Tables) link:presentationLink link:definitionLink link:calculationLink 996013 - Disclosure - Other Current Liabilities (Tables) link:presentationLink link:definitionLink link:calculationLink 996014 - Disclosure - Deferred Revenue (Tables) link:presentationLink link:definitionLink link:calculationLink 996015 - Disclosure - Leases (Tables) link:presentationLink link:definitionLink link:calculationLink 996016 - Disclosure - Warrant Liability (Tables) link:presentationLink link:definitionLink link:calculationLink 996017 - Disclosure - Earnings Per Share (Tables) link:presentationLink link:definitionLink link:calculationLink 996018 - Disclosure - Geographical Sales and Segments (Tables) link:presentationLink link:definitionLink link:calculationLink 996019 - Disclosure - Commitments and Contingencies (Tables) link:presentationLink link:definitionLink link:calculationLink 996020 - Disclosure - Related Party Transactions (Tables) link:presentationLink link:definitionLink link:calculationLink 996021 - Disclosure - Organization and Principal Activities (Details) link:presentationLink link:definitionLink link:calculationLink 996022 - Disclosure - Organization and Principal Activities (Details) - Schedule of Subsidiary Included in these Unaudited Consolidated Financial Statements link:presentationLink link:definitionLink link:calculationLink 996023 - Disclosure - Summary of Significant Accounting Policies (Details) link:presentationLink link:definitionLink link:calculationLink 996024 - Disclosure - Summary of Significant Accounting Policies (Details) - Schedule of Gain and Losses on Foreign Currency Transactions and Balances link:presentationLink link:definitionLink link:calculationLink 996025 - Disclosure - Summary of Significant Accounting Policies (Details) - Schedule of Fair Value Measurements of Assets and Liabilities that are Measured at Recurring Basis link:presentationLink link:definitionLink link:calculationLink 996026 - Disclosure - Summary of Significant Accounting Policies (Details) - Schedule of Estimated Useful Lives link:presentationLink link:definitionLink link:calculationLink 996027 - Disclosure - Summary of Significant Accounting Policies (Details) - Schedule of Sets Forth Disaggregation of Revenue link:presentationLink

link:definitionLink link:calculationLink 996028 - Disclosure - Short Term Investment (Details) link:presentationLink link:definitionLink link:calculationLink 996029 - Disclosure - Concentration on Revenues and Cost of Goods Sold (Details) link:presentationLink link:definitionLink link:calculationLink 996030 - Disclosure - Concentration on Revenues and Cost of Goods Sold (Details) - Schedule of Concentration of Major Customers and Suppliers link:presentationLink link:definitionLink link:calculationLink 996031 - Disclosure - Concentration on Revenues and Cost of Goods Sold (Details) - Schedule of Major Customers of Accounts Receivable link:presentationLink link:definitionLink link:calculationLink 996032 - Disclosure - Accounts Receivable (Details) - Schedule of Accounts Receivable is Net of Allowance for Expected Credit Losses link:presentationLink link:definitionLink link:calculationLink 996033 - Disclosure - Accounts Receivable (Details) - Schedule of Changes in the Allowance for Expected Credit Losses link:presentationLink link:definitionLink link:calculationLink 996034 - Disclosure - Inventories, Net (Details) - Schedule of Inventories link:presentationLink link:definitionLink link:calculationLink 996035 - Disclosure - Inventories, Net (Details) - Schedule of Inventory Reserve link:presentationLink link:definitionLink link:calculationLink 996036 - Disclosure - Notes Receivable (Details) link:presentationLink link:definitionLink link:calculationLink 996037 - Disclosure - Notes Receivable (Details) - Schedule of Notes Receivable link:presentationLink link:definitionLink link:calculationLink 996038 - Disclosure - Property, Plant and Equipment and Construction in Progress (Details) link:presentationLink link:definitionLink link:calculationLink 996039 - Disclosure - Property, Plant and Equipment and Construction in Progress (Details) - Schedule of Property, Plant and Equipment link:presentationLink link:definitionLink link:calculationLink 996040 - Disclosure - Property, Plant and Equipment and Construction in Progress (Details) - Schedule of Restricted Assets link:presentationLink link:definitionLink link:calculationLink 996041 - Disclosure - Land Use Rights, Net (Details) link:presentationLink link:definitionLink link:calculationLink 996042 - Disclosure - Land Use Rights, Net (Details) - Schedule of Land Use Rights link:presentationLink link:definitionLink link:calculationLink 996043 - Disclosure - Land Use Rights, Net (Details) - Schedule of Estimated Future Amortization Expense link:presentationLink link:definitionLink link:calculationLink 996044 - Disclosure - Fixed Deposit (Details) link:presentationLink link:definitionLink link:calculationLink 996045 - Disclosure - Fixed Deposit (Details) - Schedule of Fixed Deposit link:presentationLink link:definitionLink link:calculationLink 996046 - Disclosure - Notes Payable-Bank Acceptance Notes (Details) link:presentationLink link:definitionLink link:calculationLink 996047 - Disclosure - Notes Payable-Bank Acceptance Notes (Details) - Schedule of Notes Payable-Bank Acceptance Notes link:presentationLink link:definitionLink link:calculationLink 996048 - Disclosure - Accounts Payable (Details) - Schedule of Accounts Payable link:presentationLink link:definitionLink link:calculationLink 996049 - Disclosure - Short Term Bank Loans (Details) link:presentationLink link:definitionLink link:calculationLink 996050 - Disclosure - Short Term Bank Loans (Details) - Schedule of Short-Term Loans Summarized link:presentationLink link:definitionLink link:calculationLink 996051 - Disclosure - Short Term Bank Loans (Details) - Schedule of Short-Term Loans link:presentationLink link:definitionLink link:calculationLink 996052 - Disclosure - Other Current Liabilities (Details) - Schedule of Other Current Liabilities link:presentationLink link:definitionLink link:calculationLink 996053 - Disclosure - Deferred Revenue (Details) link:presentationLink link:definitionLink link:calculationLink 996054 - Disclosure - Deferred Revenue (Details) - Schedule of Deferred Revenue link:presentationLink link:definitionLink link:calculationLink 996055 - Disclosure - Leases (Details) link:presentationLink link:definitionLink link:calculationLink 996056 - Disclosure - Leases (Details) - Schedule of Supplemental Balance Sheet link:presentationLink link:definitionLink link:calculationLink 996057 - Disclosure - Leases (Details) - Schedule of Components of Lease Expense link:presentationLink link:definitionLink link:calculationLink 996058 - Disclosure - Leases (Details) - Schedule of Maturity of Lease Liabilities Under Operating Leases link:presentationLink link:definitionLink link:calculationLink 996059 - Disclosure - Warrant Liability (Details) link:presentationLink link:definitionLink link:calculationLink 996060 - Disclosure - Warrant Liability (Details) - Schedule of Fair Value of Warrant Liabilities link:presentationLink link:definitionLink link:calculationLink 996061 - Disclosure - Warrant Liability (Details) - Schedule of Warrants Outstanding and Fair Values link:presentationLink link:definitionLink link:calculationLink 996062 - Disclosure - Shareholderâ€™s Equity (Details) link:presentationLink link:definitionLink link:calculationLink 996063 - Disclosure - Earnings Per Share (Details) link:presentationLink link:definitionLink link:calculationLink 996064 - Disclosure - Earnings Per Share (Details) - Schedule of Basic and Diluted (Loss) Earnings Per Share Computation link:presentationLink link:definitionLink link:calculationLink 996065 - Disclosure - Earnings Per Share (Details) - Schedule of Basic and Diluted (Loss) Earnings Per Share Computation (Parentheticals) link:presentationLink link:definitionLink link:calculationLink 996066 - Disclosure - Geographical Sales and Segments (Details) link:presentationLink link:definitionLink link:calculationLink 996067 - Disclosure - Geographical Sales and Segments (Details) - Schedule of Sales by Geographical Area link:presentationLink link:definitionLink link:calculationLink 996068 - Disclosure - Income Taxes (Details) link:presentationLink link:definitionLink link:calculationLink 996069 - Disclosure - Commitments and Contingencies (Details) link:presentationLink link:definitionLink link:calculationLink 996070 - Disclosure - Commitments and Contingencies (Details) - Schedule of Non-Cancellable Future Minimum Lease Payments link:presentationLink link:definitionLink link:calculationLink 996071 - Disclosure - Related Party Transactions (Details) link:presentationLink link:definitionLink link:calculationLink 996072 - Disclosure - Related Party Transactions (Details) - Schedule of Names and Relationship of Related Parties link:presentationLink link:definitionLink link:calculationLink 996073 - Disclosure - Related Party Transactions (Details) - Schedule of Due to Related Parties link:presentationLink link:definitionLink link:calculationLink 996074 - Disclosure - Related Party Transactions (Details) - Schedule of Due from Related Parties link:presentationLink link:definitionLink link:calculationLink 996075 - Disclosure - Related Party Transactions (Details) - Schedule of Dividend Payment to Related Parties link:presentationLink link:definitionLink link:calculationLink 000 - Document - Document And Entity Information link:presentationLink link:definitionLink link:calculationLink EX-101.CAL 7 gtec-20240630_cal.xml XBRL CALCULATION FILE EX-101.DEF 8 gtec-20240630_def.xml XBRL DEFINITION FILE EX-101.LAB 9 gtec-20240630_lab.xml XBRL LABEL FILE Related and Nonrelated Parties [Axis] Total Current Assets Total non-current assets TOTAL ASSETS Total current liabilities Total non-current liabilities TOTAL LIABILITIES Total shareholdersâ€™ equity TOTAL SHAREHOLDERSâ€™ EQUITY Balance Balance TOTAL LIABILITIES AND SHAREHOLDERSâ€™ EQUITY Gross profit Total operating expenses INCOME FROM OPERATIONS INCOME BEFORE INCOME TAX NET INCOME Net income NET INCOME ATTRIBUTABLE TO GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES Net income attributable to the Greenland Technologies Holding Corporation and subsidiaries (in Dollars) Total comprehensive income (loss) attributable to Greenland technologies holding corporation and subsidiaries Balance (in Shares) Balance (in Shares) Equity Components [Axis] NET CASH PROVIDED BY (USED IN) OPERATING ACTIVITIES NET CASH USED IN INVESTING ACTIVITIES NET CASH (USED IN) PROVIDED BY FINANCING ACTIVITIES NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS AND RESTRICTED CASH CASH AND CASH EQUIVALENTS AND RESTRICTED CASH AT BEGINNING OF YEAR CASH AND CASH EQUIVALENTS AND RESTRICTED CASH AT END OF PERIOD Organization and Principal Activities [Abstract] Investment, Name [Axis] Geographical [Axis] Ownership [Axis] Summary of Significant Accounting Policies [Abstract] Fair Value Hierarchy and NAV [Axis] Long-Lived Tangible Asset [Axis] Statistical Measurement [Axis] Product and Service [Axis] Short Term Investment [Abstract] Concentration on Revenues and Cost of Goods Sold [Abstract] Schedule of Concentration of Major Customers and Suppliers [Abstract] Customer [Axis] Concentration Risk Benchmark [Axis] Concentration Risk Type [Axis] Supplier [Axis] Accounts Receivable [Abstract] Accounts receivable, net Accounts receivable, net Beginning balance Ending balance Inventories, Net [Abstract] Schedule of Inventories [Abstract] Inventories, net Inventories, net Schedule of Inventory Reserve [Abstract] Beginning balance Ending balance Notes Receivable [Abstract] Receivable Type [Axis] Property, Plant and Equipment and Construction in Progress [Abstract] Total property plant and equipment, at cost Total Property, plant, equipment and construction in progress, net Asset Class [Axis] Land Use Rights [Abstract] Schedule of Land Use Rights [Abstract] Land use rights, net Land use rights, net Schedule of Estimated Future Amortization Expense [Abstract] Total Fixed Deposit [Abstract] Cash and Cash Equivalents [Axis] Notes Payable [Abstract] Schedule of Notes Payable [Abstract] Total Accounts Payable [Abstract] Inventory [Axis] Short Term Bank Loans [Abstract] Short-Term Debt, Type [Axis] Other Current Liabilities [Abstract] Schedule of Other Current Liabilities [Abstract] Current Liabilities Total Deferred Revenue [Abstract] Schedule of Deferred Revenue [Abstract] Leases [Abstract] Total operating lease liabilities Present value of lease liabilities Schedule of Maturity of Lease Liabilities Under Operating Leases [Abstract] Total lease payments Warrant Liability [Abstract] Schedule of Warrants Outstanding and Fair Values [Abstract] Shareholderâ€™s Equity [Abstract] Earnings Per Share [Abstract] Geographical Sales and Segments [Abstract] Operating Activities [Axis] Income Taxes [Abstract] Commitments and Contingencies [Abstract] Schedule of Non-Cancellable Future Minimum Lease Payments [Abstract] Total lease payments Related Party Transactions [Abstract] Related Party Transaction [Axis] Subsequent Events [Abstract] ASSETS Assets: Current assets Cash and cash equivalents Bank balances and cash Restricted cash Short Term Investment Short term investment Notes receivable Note receivable Due from related parties-current, net Advance to suppliers Prepayments and other current assets Non-current asset Other intangible assets Deferred tax assets Right-of-use assets Fixed deposit Total Other non-current assets Short-term bank loans Short-term loans Notes payable-bank acceptance notes Bank acceptance notes Accounts payable Total accounts payable Taxes payables Customer deposits Due to related parties Other current liabilities Lease liabilities Non-current liabilities Lease liabilities Deferred revenue Total Warrant liability Fair value of the warrants COMMITMENTS AND CONTINGENCIES Shareholdersâ€™ equity Ordinary shares, no par value, unlimited shares authorized; 13,594,530 and 13,594,530 shares issued and outstanding as of June 30, 2024 and December 31, 2023. Ordinary shares, par value (in Dollars per share) Ordinary shares, authorized Ordinary shares, issued Ordinary shares issued Ordinary shares, outstanding Ordinary shares outstanding Additional paid-in capital Statutory reserves Retained earnings Accumulated other comprehensive loss Non-controlling interest Revenues Disaggregation of revenue Sales by geographical area Cost of goods sold Selling expenses General and administrative expenses Research and development expenses Interest income Change in fair value of the warrant liability Loss on disposal of property, plant and equipment Property, plant and equipment written off Other income (loss) INCOME TAX EXPENSE LESS: NET INCOME ATTRIBUTABLE TO NONCONTROLLING INTEREST OTHER COMPREHENSIVE LOSS: Unrealized foreign currency translation loss attributable to Greenland Technologies Holding Corporation and subsidiaries Unrealized foreign currency translation loss attributable to non-controlling interest Total comprehensive income (loss) attributable to noncontrolling interest WEIGHTED AVERAGE ORDINARY SHARES OUTSTANDING: (in Shares) Weighted average shares used in basic computation Basic (in Dollars per share) Basic net income per share (in Dollars per share) Diluted Diluted net income per share Foreign currency translation adjustment CASH FLOWS FROM OPERATING ACTIVITIES: Adjustments to reconcile net income to net cash provided by operating activities: Depreciation and amortization Increase in allowance for credit losses Change in fair value of warrant liability Deferred

tax assets Non-cash lease expenses Accrued expense Changes in operating assets and liabilities: Decrease (Increase) In: Increase (Decrease) In: Accounts payable Customer deposits Other current liabilities Income tax payable Due to related parties Lease liabilities Other non-current liabilities CASH FLOWS FROM INVESTING ACTIVITIES: CASH FLOWS FROM FINANCING ACTIVITIES: Proceeds from short-term bank loans Notes payable Proceeds from related parties Proceeds from third parties Effect of exchange rate changes on cash Bank balances and cash included in assets classified as restricted cash Supplemental Disclosure of Cash Flow Information Income taxes paid Interest paid Interest expense Dividend Amortization of deferred revenue Increase(Decrease) in provision for inventory Accrued interest income derived from loan to related parties Accounts receivable Notes receivable Inventories Advance to suppliers Other current and noncurrent assets Purchases of long-term assets Loan payment to third parties Investment in a joint venture Repayments of short-term bank loans Repayment of loans from third parties Dividend paid Related Party Related Party [Member] Ordinary Shares No Par Value Ordinary Shares [Member] Additional Paid-in Capital Accumulated Other Comprehensive Income/(loss) Statutory Reserve Retained Earnings Non- controlling Interest ORGANIZATION AND PRINCIPAL ACTIVITIES Schedule of Subsidiary Included in these Unaudited Consolidated Financial Statements Domicile and Date of Incorporation Principal Activities Paid-in Capital Ownership Percentage SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES Schedule of Gain and Losses on Foreign Currency Transactions and Balances Period end RMB: US\$ exchange rate Period average RMB: US\$ exchange rate Schedule of Fair Value Measurements of Assets and Liabilities that are Measured at Recurring Basis Total Schedule of Estimated Useful Lives Estimated useful lives Schedule of Sets Forth Disaggregation of Revenue SHORT TERM INVESTMENT CONCENTRATION ON REVENUES AND COST OF GOODS SOLD Schedule of Concentration of Major Customers and Suppliers Major customers representing more than 10% of the Company’s revenues Total Revenues Customer percentage Percentage of revenues Concentration risk percentage Schedule of Major Customers of Accounts Receivable Major customers of the Company’s accounts receivable, net Accounts receivable, net ACCOUNTS RECEIVABLE Schedule of Accounts Receivable is Net of Allowance for Expected Credit Losses Accounts receivable Schedule of Changes in the Allowance for Expected Credit Losses INVENTORIES, NET Schedule of Inventories Raw materials Revolving material Consigned processing material Work-in-progress Finished goods Schedule of Inventory Reserve (Reversal of) inventory write-downs NOTES RECEIVABLE Schedule of Notes Receivable PROPERTY, PLANT AND EQUIPMENT AND CONSTRUCTION IN PROGRESS Schedule of Property, Plant and Equipment Buildings Machinery Motor vehicles Electronic equipment Property, plant and equipment, net Construction in process Construction in progress Schedule of Restricted Assets Restricted assets LAND USE RIGHTS, NET Schedule of Land Use Rights Land use rights, cost Schedule of Estimated Future Amortization Expense 2025 2026 2027 2028 2029 Thereafter FIXED DEPOSIT Schedule of Fixed Deposit NOTES PAYABLE-BANK ACCEPTANCE NOTES Schedule of Notes Payable-Bank Acceptance Notes ACCOUNTS PAYABLE Schedule of Accounts Payable SHORT TERM BANK LOANS Schedule of Short-Term Loans Schedule of Short-Term Loans Maturity Date Type Bank Name Interest Rate per Annum (%) OTHER CURRENT LIABILITIES Schedule of Other Current Liabilities Employee payables Other tax payables Other payable Accrued expenses DEFERRED REVENUE Schedule of Deferred Revenue Subsidy LEASES Schedule of Supplemental Balance Sheet Liabilities: Lease term and discount rate Weighted average remaining lease term (in years) Weighted average discount rate Schedule of Components of Lease Expense Components of lease expense: Operating lease expense Total lease expense Schedule of Maturity of Lease Liabilities under Operating Leases 2025 2026 2027 2028 WARRANT LIABILITY Schedule of Fair Value of Warrant Liabilities Share price Exceeds per share (in Dollars per share) Exercise price Expected term (years) Risk-free interest rate Expected volatility Schedule of Warrants Outstanding and Fair Values Number of ordinary share warrants Warrants outstanding SHAREHOLDER’S EQUITY EARNINGS PER SHARE Schedule of Basic and Diluted Earnings Per Share Computation Weighted average basic and diluted computation shares outstanding: Diluted effect of stock options and warrants Weighted average shares used in diluted computation GEOGRAPHICAL SALES AND SEGMENTS Schedule of Sales by Geographical Area INCOME TAXES COMMITMENTS AND CONTINGENCIES Schedule of Non-Cancellable Future Minimum Lease Payments 2025 RELATED PARTY TRANSACTIONS Schedule of Names and Relationship of Related Parties Existing Relationship with the Company Schedule of Due to Related Parties Due to related parties: Due to related parties Other receivables Schedule of Due from Related Parties Due from related parties-current, net: Due from related parties-noncurrent Schedule of Dividend Payment to Related Parties Dividend payment to related parties: Dividend payment to related parties SUBSEQUENT EVENTS Warrants liability Less: allowance for expected credit losses Additional provision charged to expense Effect of foreign exchange change Less: inventory impairment Effect of foreign exchange change Less: accumulated depreciation Less: Accumulated amortization Less: imputed interest Zhongchai Holding (Hong Kong) Limited [Member] HKD [Member] Zhejiang Zhongchai Machinery Co., Ltd. [Member] RMB [Member] Hangzhou Greenland Energy Technologies Co., Ltd. [Member] HEVI Corp. [Member] USD [Member] Hengyu Capital, Ltd [Member] Hengyu Capital, Ltd. [Member] Greenland Holding Enterprises Inc. [Member] Active Market for Identical Assets (Level 1) [Member] Observable Inputs (Level 2) [Member] Unobservable Inputs (Level 3) [Member] Buildings [Member] Buildings, net [Member] Machinery [Member] Motor vehicles [Member] Electronic equipment [Member] Fixed assets decoration [Member] Minimum [Member] Maximum [Member] Transmission boxes for Forklift [Member] Transmission boxes for Non-Forklift (EV, etc.) [Member] Company A [Member] Company B [Member] Total Major customers [Member] Revenue Benchmark [Member] Customer Concentration Risk [Member] Company C [Member] Company D [Member] Company E [Member] Company F [Member] Major Customers [Member] Accounts Receivable [Member] Bank Notes Receivable [Member] Commercial Notes Receivable [Member] Property, Plant and Equipment [Member] Three-year bank deposit [Member] Procurement of Materials [Member] Infrastructure& Equipment [Member] Freight fee [Member] Collateralized Bank Loans [Member] Unsecured Bank Loans [Member] Bank of Zheshang [Member] Bank of Hangzhou [Member] Industrial and Commercial Bank of Xinchang [Member] Warrant Liability [Member] Domestic Sales [Member] International Sales [Member] Continuing and discontinued operations [Member] Continuing and Discontinued Operations [Member] Cennro Holding Limited [Member] Cennro Smart Manufacturing Tech. Co., Ltd. [Member] Zhuhai Hengzhong Industrial Investment Fund (Limited Partnership) [Member] Peter Zuguang Wang [Member] Due from related parties-noncurrent [Member] Xinchang County Jiuxin Investment Management Partnership (LP) [Member] Xinchang County Jiuh Investment Management Partnership (LP) [Member] Jiuh [Member] Business Acquisition [Axis] Debt Instrument [Axis] Class of Stock [Axis] Sale of Stock [Axis] Class of Warrant or Right [Axis] Transmission product sale of sets Electric industrial vehicles, description Percentage of outstanding ordinary shares Purchase of equity Percentage of equity interest Percentage of equity interest transferred Consideration value (in Dollars) Percentage of voting power Advance to suppliers Straight-line method lease term Office leases term Interest rate percentage Total sales return amount Total warrants expenditures amount Research and development costs Other long-term liabilities Income tax rate Owned foreign enterprise percentage Registered capital percentage Number of reporting segments Ownership percentage Insurance Bank account balance Deposit insurance Exceeding FDIC insurance Bank management products purchased Fair value of bank management products Aggregate amount Bank acceptance amount Maturity months Interest-free notes payable Depreciation expense Cost of revenue Buildings for book value Loan facility with maximum exposure (in Yuan Renminbi) Land use rights, net Deposit term Fixed deposit, description Restricted cash Note receivable Principal amount as commission percentage Short term debt, term Principal amount Annual interest rate, percentage Grant income Operating leases, initial terms Warrant to purchase ordinary shares (in Shares) Warrants underlying Exercise price (in Dollars per share) Warrant expire date Gain on investor warrant recognized Preferred shares par value (in Dollars per share) Preferred shares issued Preferred shares outstanding Preferred shares designated Voting rights Warrants expire year Per warrant (in Dollars per share) Number of units Warrant to purchase ordinary shares Ordinary shares, exercise price (in Dollars per share) Sale of unit purchase option price (in Dollars) Option to purchase shares exercisable Common stock price share (in Dollars per share) Aggregate exercise price (in Dollars) Cash payment (in Dollars) Grant term Shares underlying outstanding Reportable operating segment Corporate tax rate Unrecognized benefit (in Dollars) Maximum principal amount Dividend payment Annual interest rate Basis of Presentation Principles of Consolidation Use of Estimates Non-controlling Interest Foreign Currency Translation Cash and Cash Equivalents Restricted Cash Fair Value of Financial Instruments Accounts Receivable and Allowance for Expected Credit Losses Inventories Advance to Suppliers Property, Plant, and Equipment Construction in process Land Use Rights Impairment of Long-Lived Assets Lease Revenue Recognition Cost of Goods Sold Selling Expenses General and Administrative Expenses Research and Development Government Subsidies Income Taxes Value-Added Tax Statutory Reserve Comprehensive Income (Loss) Earnings per share Segments and Related Information Commitments and contingencies Related Party Uncertainty and Risks Warrants Recently Issued Accounting Pronouncements Hangzhou Greenland Energy Technologies Co., Ltd [Member] Zhejiang Zhongchai [Member] Zhejiang Zhongchai to Zhongchai Holding [Member] Xinchang County Keyi Machinery Co., Ltd. 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The amount of additional provision charged to expense. Disclosure of accounting policy for advance to suppliers. Amortization of deferred subsidy. Bank account balance. Construction in process. Deposit term in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. Dividend payment to related parties. Description of domicile and date of incorporation. Effect of FX change. Represent the amount of electronic equipment. Description of fixed deposit. Foreign currency average exchange rate. Gain on investor warrant recognized. Government subsidies. Amount of government subsidy granted. Grant term. The increase (decrease) during the period in the amount of customer money held in customer accounts, including security deposits, collateral for a current or future transactions, initial payment of the cost of acquisition or for the right to enter into a contract or agreement. Interest rate percentage. Amount of inventory revolving material. Disclosure of land use rights. Disclosure of accounting policy for land use rights. Amount of lessee's undiscounted obligation for lease payment for operating lease. Amount of lessee's undiscounted obligation for lease payment for having initial or remaining lease term in excess of one year to be paid in remainder of current fiscal year. Represent the amount of motor vehicles. Number of units. Office leases terms. Owned foreign enterprise Percentage. Ownership percentage. Percentage of outstanding ordinary shares. Percentage of Voting Power. Percentage of warrants expenditures amount. Preferred Shares Designated. Amount of amortization for present value of future profits of insurance contract acquired in business combination expected to be recognized during fifth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). Amount of amortization expense (reversal of expense) for present value of future profits of insurance contract acquired in business combination. Registered capital Percentage. Repayment of loans lend to third parties. Sale of unit purchase option price. Schedule of due to related parties. Tabular disclosure of land use rights. Disclosure of accounting policy for inclusion of significant items in the selling report caption. Short-term debt, terms in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. Date when the short term loans is scheduled to be fully repaid, in YYYY-MM-DD format. Types of short term loan. Amount of statutory reserves. straight-line method lease term. Amount of subsidy income. Transmission product sale of sets. Disclosure of accounting policy for uncertainty and risks. Unrealized foreign currency translation income (loss) attribute to Greenland technologies holding. Disclosure of accounting policy for value added tax. Warrant expire date. Warrant to purchase ordinary shares. Warrants expire year. 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Related Party [Member] Major Customers Representing More Than10 Of The Company SRevenues Abstract Inventory, Work in Process, Gross Short-Term Investments Disaggregation of Revenue [Table Text Block] Property, Plant and Equipment, Other, Net Land Improvements Increase (Decrease) in Due to Related Parties Gain On Investor Warrant Recognized Preferred Shares Designated Assets, Current [Abstract] Liabilities, Current Increase (Decrease) in Accounts Payable Piggy Back Member Short Term Loans Maturity Date Common Stock, Shares Authorized, Unlimited [Fixed List] Accrued Liabilities, Current Consolidation, Policy [Policy Text Block] Shares, Outstanding Commitments and Contingencies Disclosure [Text Block] Dividend Payment To Related Parties Customer Concentration Risk [Member] Lessee, Operating Lease, Liability, to be Paid, Remainder of Fiscal Year Net Investment in Lease, Purchase Cost of Revenue Adjustments to Reconcile Net Income (Loss) to Cash Provided by (Used in) Operating Activities [Abstract] Statutory Reserve Member Hengyu Capital Ltd Member Deposits Assets, Noncurrent Provision for Other Credit Losses Warrant, Exercise Price, Decrease Class of Warrant or Right, Exercise Price of Warrants or Rights Proceeds from Sale of Short-Term Investments Liabilities and Equity Zhongchai Holding Member Schedule Of Sales By Geographical Area Abstract

Land Use Rights Disclosure Text Block Office Leases Terms Assets, Noncurrent [Abstract] Inventory Valuation Reserves Peter Zuguang Wang Member Operating Lease, Right-of-Use Asset Assets, Current Increase (Decrease) in Income Taxes Payable EX-101.PRE 10 gtec-20240630_pre.xml XBRL PRESENTATION FILE XML 12 R1.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Cover - shares 6 Months Ended Jun. 30, 2024 Aug. 14, 2024 Document Information [Line Items] Å Å Document Type 10-Q Å Document Quarterly Report true Å Document Transition Report false Å Entity Interactive Data Current Yes Å Amendment Flag false Å Document Period End Date Jun. 30, 2024 Å Document Fiscal Year Focus 2024 Å Document Fiscal Period Focus Q2 Å Entity Information [Line Items] Å Å Entity Registrant Name GREENLAND TECHNOLOGIES HOLDING CORPORATION Å Entity Central Index Key 0001735041 Å Entity File Number 001-38605 Å Entity Tax Identification Number 01-0038605 Å Entity Incorporation, State or Country Code D8 Å Current Fiscal Year End Date --12-31 Å Entity Current Reporting Status Yes Å Entity Shell Company false Å Entity Filer Category Non-accelerated Filer Å Entity Small Business true Å Entity Emerging Growth Company false Å Entity Contact Personnel [Line Items] Å Å Entity Address, Address Line One 50 Millstone Road Å Entity Address, Address Line Two Building 400 Suite 130 Å Entity Address, City or Town East Windsor Å Entity Address, State or Province NJ Å Entity Address, Country US Å Entity Address, Postal Zip Code 08512 Å Entity Phone Fax Numbers [Line Items] Å Å City Area Code 1 (888) Å Local Phone Number 827-4832 Å Entity Listings [Line Items] Å Å Title of 12(b) Security Ordinary shares, no par value Å Trading Symbol GTEC Å Security Exchange Name NASDAQ Å Entity Common Stock, Shares Outstanding Å 13,594,530 X - Definition Boolean flag that is true when the XBRL content amends previously-filed or accepted submission. + References No definition available. + Details Name: dei_AmendmentFlag Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - Definition Area code of city + References No definition available. + Details Name: dei_CityAreaCode Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - Definition End date of current fiscal year in the format --MM-DD. + References No definition available. + Details Name: dei_CurrentFiscalYearEndDate Namespace Prefix: dei_ Data Type: xbrli:gMonthDayItemType Balance Type: na Period Type: duration X - Definition Fiscal period values are FY, Q1, Q2, and Q3. 1st, 2nd and 3rd quarter 10-Q or 10-QT statements have value Q1, Q2, and Q3 respectively, with 10-K, 10-KT or other fiscal year statements having FY. + References No definition available. + Details Name: dei_DocumentFiscalPeriodFocus Namespace Prefix: dei_ Data Type: dei:fiscalPeriodItemType Balance Type: na Period Type: duration X - Definition This is focus fiscal year of the document report in YYYY format. For a 2006 annual report, which may also provide financial information from prior periods, fiscal 2006 should be given as the fiscal year focus. Example: 2006. + References No definition available. + Details Name: dei_DocumentFiscalYearFocus Namespace Prefix: dei_ Data Type: xbrli:gYearItemType Balance Type: na Period Type: duration X - Definition Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + References No definition available. + Details Name: dei_DocumentInformationLineItems Namespace Prefix: dei_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Definition For the EDGAR submission types of Form 8-K: the date of the report, the date of the earliest event reported; for the EDGAR submission types of Form N-1A: the filing date; for all other submission types: the end of the reporting or transition period. The format of the date is YYYY-MM-DD. + References No definition available. + Details Name: dei_DocumentPeriodEndDate Namespace Prefix: dei_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - Definition Boolean flag that is true only for a form used as an quarterly report. + References Reference 1: <http://www.xbrl.org/2003/role/presentationRef-Publisher SEC -Name Form 10-Q -Number 240 -Section 308 -Subsection a> + Details Name: dei_DocumentQuarterlyReport Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - Definition Boolean flag that is true only for a form used as a transition report. + References Reference 1: <http://www.xbrl.org/2003/role/presentationRef-Publisher SEC -Name Forms 10-K, 10-Q, 20-F -Number 240 -Section 13 -Subsection a-1> + Details Name: dei_DocumentTransitionReport Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - Definition The type of document being provided (such as 10-K, 10-Q, 485BPOS, etc). The document type is limited to the same value as the supporting SEC submission type, or the word 'Other'. + References No definition available. + Details Name: dei_DocumentType Namespace Prefix: dei_ Data Type: dei:submissionTypeItemType Balance Type: na Period Type: duration X - Definition Address Line 1 such as Attn, Building Name, Street Name + References No definition available. + Details Name: dei_EntityAddressAddressLine1 Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - Definition Address Line 2 such as Street or Suite number + References No definition available. + Details Name: dei_EntityAddressAddressLine2 Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - Definition Name of the City or Town + References No definition available. + Details Name: dei_EntityAddressCityOrTown Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - Definition ISO 3166-1 alpha-2 country code. + References No definition available. + Details Name: dei_EntityAddressCountry Namespace Prefix: dei_ Data Type: dei:countryCodeItemType Balance Type: na Period Type: duration X - Definition Code for the postal or zip code + References No definition available. + Details Name: dei_EntityAddressPostalZipCode Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - Definition Name of the state or province. + References No definition available. + Details Name: dei_EntityAddressStateOrProvince Namespace Prefix: dei_ Data Type: dei:stateOrProvinceItemType Balance Type: na Period Type: duration X - Definition A unique 10-digit SEC-issued value to identify entities that have filed disclosures with the SEC. It is commonly abbreviated as CIK. + References Reference 1: <http://www.xbrl.org/2003/role/presentationRef-Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2> + Details Name: dei_EntityCentralIndexKey Namespace Prefix: dei_ Data Type: dei:centralIndexKeyItemType Balance Type: na Period Type: duration X - Definition Indicate number of shares or other units outstanding of each of registrant's classes of capital or common stock or other ownership interests, if and as stated on cover of related periodic report. Where multiple classes or units exist define each class/interest by adding class of stock items such as Common Class A [Member], Common Class B [Member] or Partnership Interest [Member] onto the Instrument [Domain] of the Entity Listings, Instrument. + References No definition available. + Details Name: dei_EntityCommonStockSharesOutstanding Namespace Prefix: dei_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - Definition Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + References No definition available. + Details Name: dei_EntityContactPersonnelLineItems Namespace Prefix: dei_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Definition Indicate 'Yes' or 'No' whether registrants (1) have filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that registrants were required to file such reports), and (2) have been subject to such filing requirements for the past 90 days. This information should be based on the registrant's current or most recent filing containing the related disclosure. + References No definition available. + Details Name: dei_EntityCurrentReportingStatus Namespace Prefix: dei_ Data Type: dei:yesNoItemType Balance Type: na Period Type: duration X - Definition Indicate if registrant meets the emerging growth company criteria. + References Reference 1: <http://www.xbrl.org/2003/role/presentationRef-Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2> + Details Name: dei_EntityEmergingGrowthCompany Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - Definition Commission file number. The field allows up to 17 characters. The prefix may contain 1-3 digits, the sequence number may contain 1-8 digits, the optional suffix may contain 1-4 characters, and the fields are separated with a hyphen. + References No definition available. + Details Name: dei_EntityFileNumber Namespace Prefix: dei_ Data Type: dei:fileNumberItemType Balance Type: na Period Type: duration X - Definition Indicate whether the registrant is one of the following: Large Accelerated Filer, Accelerated Filer, Non-accelerated Filer. Definitions of these categories are stated in Rule 12b-2 of the Exchange Act. This information should be based on the registrant's current or most recent filing containing the related disclosure. + References Reference 1: <http://www.xbrl.org/2003/role/presentationRef-Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2> + Details Name: dei_EntityFilerCategory Namespace Prefix: dei_ Data Type: dei:filerCategoryItemType Balance Type: na Period Type: duration X - Definition Two-character EDGAR code representing the state or country of incorporation. + References No definition available. + Details Name: dei_EntityIncorporationStateCountryCode Namespace Prefix: dei_ Data Type: dei:edgarStateCountryItemType Balance Type: na Period Type: duration X - Definition Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + References No definition available. + Details Name: dei_EntityInformationLineItems Namespace Prefix: dei_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Definition Boolean flag that is true when the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). + References Reference 1: <http://www.xbrl.org/2003/role/presentationRef-Publisher SEC -Name Regulation S-T -Number 232 -Section 405> + Details Name: dei_EntityInteractiveDataCurrent Namespace Prefix: dei_ Data Type: dei:yesNoItemType Balance Type: na Period Type: duration X - Definition Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + References No definition available. + Details Name: dei_EntityListingsLineItems Namespace Prefix: dei_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Definition Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + References No definition available. + Details Name: dei_EntityPhoneFaxNumbersLineItems Namespace Prefix: dei_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Definition The exact name of the entity filing the report as specified in its charter, which is required by forms filed with the SEC. + References Reference 1: <http://www.xbrl.org/2003/role/presentationRef-Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2> + Details Name: dei_EntityRegistrantName Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - Definition Boolean flag that is true when the registrant is a shell company as defined in Rule 12b-2 of the Exchange Act. + References Reference 1: <http://www.xbrl.org/2003/role/presentationRef-Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2> + Details Name: dei_EntityShellCompany Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - Definition Indicates that the company is a Smaller Reporting Company (SRC). + References Reference 1: <http://www.xbrl.org/2003/role/presentationRef-Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2> + Details Name: dei_EntitySmallBusiness Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - Definition The Tax Identification Number (TIN), also known as an Employer

Identification Number (EIN), is a unique 9-digit value assigned by the IRS. + ReferencesReference 1:

Subparagraph (SX 210.13-01(a)(4)(ii)) - Publisher FASB - URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 19>: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(4\)\(iii\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20): [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(4\)\(iii\)\(A\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21): [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(4\)\(iv\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22): [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(5\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23): [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph \(SX 210.13-02\(a\)\(4\)\(i\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 24](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 24): [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph \(SX 210.13-02\(a\)\(4\)\(iii\)\(A\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25): [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph \(SX 210.13-02\(a\)\(4\)\(iii\)\(B\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26): [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph \(SX 210.13-02\(a\)\(4\)\(iv\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27): [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph \(SX 210.13-02\(a\)\(5\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28): [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 29](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 29): [http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 30](http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 30):

Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1B>Reference 15: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1B>Reference 16: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1B>Reference 17: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481404/852-10-50-7> + Details Name: us-gaap_AssetsNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_AssetsNoncurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. Excludes cash and cash equivalents within disposal group and discontinued operation. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 2: <http://www.xbrl.org/2003/role/exampleRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483467/210-10-45-1>Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-4> + Details Name: us-gaap_CashAndCashEquivalentsAtCarryingValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionRepresents the caption on the face of the balance sheet to indicate that the entity has entered into (1) purchase or supply arrangements that will require expending a portion of its resources to meet the terms thereof, and (2) is exposed to potential losses or, less frequently, gains, arising from (a) possible claims against a company's resources due to future performance under contract terms, and (b) possible losses or likely gains from uncertainties that will ultimately be resolved when one or more future events that are deemed likely to occur do occur or fail to occur. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(17)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478546/942-210-S99-1>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(25)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(19)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478777/944-210-S99-1>Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(15)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479170/946-210-S99-1> + Details Name: us-gaap_CommitmentsAndContingencies Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAggregate par or stated value of issued nonredeemable common stock (or common stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 2: <http://www.xbrl.org/2003/role/exampleRef> -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481372/852-10-55-10>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(22)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478777/944-210-S99-1> + Details Name: us-gaap_CommonStockValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of obligation to transfer good or service to customer for which consideration has been received or is receivable, classified as noncurrent. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479837/606-10-45-1>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479806/606-10-50-8>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479837/606-10-45-2> + Details Name: us-gaap_ContractWithCustomerLiabilityNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after allocation of valuation allowances and deferred tax liability, of deferred tax asset attributable to deductible differences and carryforwards, with jurisdictional netting. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482525/740-10-45-4>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 6 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482525/740-10-45-6> + Details Name: us-gaap_DeferredIncomeTaxAssetsNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionThe current portion, due within one year or one operating cycle, if longer, of deposits held other than customer deposits. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap_DepositLiabilityCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value of amounts transferred to third parties for security purposes that are expected to be returned or applied towards payment after one year or beyond the operating cycle, if longer. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap_DepositsAssetsNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after valuation and LIFO reserves of inventory expected to be sold, or consumed within one year or operating cycle, if longer. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef> -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481372/852-10-55-10>Reference 2: <http://www.xbrl.org/2003/role/exampleRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483467/210-10-45-1>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap_InventoryNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount before accumulated depreciation and depletion of additions or improvements to real estate held for productive use. Examples include, but are not limited to, walkways, driveways, fences, and parking lots. + ReferencesNo definition available. + Details Name: us-gaap_LandImprovements Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of liability recognized for present obligation requiring transfer or otherwise providing economic benefit to others. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 4: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 5: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(25)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 6: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(26)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 7: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(23)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 8: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(21)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 9: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481203/810-10-50-3>Reference 10: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481231/810-10-45-25>Reference 11: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -

Subparagraph (bb) - Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 12:

xbRLi:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of obligation due after one year or beyond the normal operating cycle, if longer. + ReferencesReference 1:

DefinitionAmount of lessee's right to use underlying asset under operating lease. + ReferencesReference 1:

Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference> 9: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference> 10: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference> 11: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference> 12: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference> 13: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference> 14: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 4.E) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480418/310-10-S99-2> + Details Name: us-gaap_StockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_StockholdersEquityAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of equity (deficit) attributable to parent and noncontrolling interest. Excludes temporary equity. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference> 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference> 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (d)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference> 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (e) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference> 5: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(4) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference> 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (d)(2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference> 7: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference> 8: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 848 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (a)(3)(iii)(03) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483550/848-10-65-2Reference> 9: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 842 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 8 -Subparagraph (c)(3) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479832/842-10-65-8Reference> 10: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483421/250-10-45-24Reference> 11: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 23 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483421/250-10-45-23Reference> 12: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483421/250-10-45-5Reference> 13: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 326 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 5 -Subparagraph (c)(2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479654/326-10-65-5Reference> 14: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (e) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference> 15: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference> 16: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1)(i) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference> 17: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1)(iii) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference> 18: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1)(iv) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference> 19: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (i)(3) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference> 20: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 105 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479343/105-10-65-6Reference> 21: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 105 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (d) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479343/105-10-65-6Reference> 22: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (f)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference> 23: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (f)(2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference> 24: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 8 -Subparagraph (d)(2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482615/740-10-65-8Reference> 25: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 8 -Subparagraph (d)(3) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482615/740-10-65-8Reference> 26: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 326 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 4 -Subparagraph (d) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479654/326-10-65-4Reference> 27: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(3) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference> 28: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(3) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference> 29: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference> 30: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482765/220-10-50-5Reference> 31: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481674/830-30-50-1Reference> 32: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481694/830-30-45-17Reference> 33: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481694/830-30-45-20Reference> 34: <http://www.xbrl.org/2003/role/exampleRef> -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479168/946-830-55-11Reference> 35: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478009/946-205-45-3Reference> 36: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 505 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478448/946-505-50-3Reference> 37: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference> 38: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference> 39: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference> 40: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference> 41: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference> 42: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -

Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1Reference 43: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 44: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 45: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 46: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 45 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-15Reference 47: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-16Reference 48: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 55 -Paragraph 41 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-41Reference 49: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476166/350-60-65-1 + Details Name: us-gaap_StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of consideration paid in advance for supplies that provide economic benefits within a future period of one year or the normal operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (g)(7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 340 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483032/340-10-45-1Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 340 -SubTopic 10 -Name Accounting Standards Codification -Section 05 -Paragraph 5 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482955/340-10-05-5 + Details Name: us-gaap_Supplies Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of obligations incurred and payable for statutory income, sales, use, payroll, excise, real, property and other taxes. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_TaxesPayableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionValue of outstanding derivative securities that permit the holder the right to purchase securities (usually equity) from the issuer at a specified price. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_WarrantsAndRightsOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X -Details Name: us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=us-gaap_RelatedPartyMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 14 R3.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Unaudited Consolidated Balance Sheets (Parentheticals) - \$ / shares Jun. 30, 2024 Dec. 31, 2023 Statement of Financial Position [Abstract] Å Å Ordinary shares, par value (in Dollars per share) Ordinary shares, authorized Unlimited Unlimited Ordinary shares, issued 13,594,530 13,594,530 Ordinary shares, outstanding 13,594,530 13,594,530 X - DefinitionFace amount per share of no-par value common stock. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommonStockNoParValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItem Type Balance Type: na Period Type: instant X - DefinitionIndicates whether number of common shares permitted to be issued is unlimited. Acceptable value is "Unlimited". + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommonStockSharesAuthorizedUnlimited Namespace Prefix: us-gaap_ Data Type: us-types:authorizedUnlimitedItem Type Balance Type: na Period Type: duration X - DefinitionTotal number of common shares of an entity that have been sold or granted to shareholders (includes common shares that were issued, repurchased and remain in the treasury). These shares represent capital invested by the firm's shareholders and owners, and may be all or only a portion of the number of shares authorized. Shares issued include shares outstanding and shares held in the treasury. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommonStockSharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItem Type Balance Type: na Period Type: instant X -DefinitionNumber of shares of common stock outstanding. Common stock represent the ownership interest in a corporation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3 + Details Name: us-gaap_CommonStockSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItem Type Balance Type: na Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_StatementOffFinancialPositionAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration XML 15 R4.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Unaudited Consolidated Statements of Operations and Comprehensive Income (Loss) (Unaudited) - USD (\$) 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Income Statement [Abstract] Å Å Å Å Revenues \$ 23,017,260 \$ 23,569,449 \$ 45,740,851 \$ 45,718,809 Cost of goods sold 16,243,205 16,641,612 33,319,727 33,267,542 Gross profit 6,774,055 6,927,837 12,421,124 12,451,267 Selling expenses 465,146 574,040 1,014,642 961,525 General and administrative expenses 1,199,492 1,519,564 3,382,921 3,161,468 Research and development expenses 1,123,063 1,425,394 2,110,787 2,545,285 Total operating expenses 2,787,701 3,518,998 6,508,350 6,668,278 INCOME FROM OPERATIONS 3,986,354 3,408,839 5,912,774 5,782,989 Interest income 215,732 44,683 384,945 75,076 Interest expense (36,008) (79,504) (79,848) (145,997) Change in fair value of the warrant liability 1,869,018 2,904,324 Loss on disposal of property, plant and equipment 556 (239) 556 (239) Other income (loss) 518,333 (128,768) 814,481 288,614 INCOME BEFORE INCOME TAX 6,553,985 3,245,011 9,937,232 6,000,443 INCOME TAX EXPENSE 680,801 304,815 494,800 601,673 NET INCOME 5,873,184 2,940,196 9,442,432 5,398,770 LESS: NET INCOME ATTRIBUTABLE TO NONCONTROLLING INTEREST 1,222,274 541,058 2,289,319 1,552,657 NET INCOME ATTRIBUTABLE TO GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES 4,650,910 2,399,138 7,153,113 3,846,113 OTHER COMPREHENSIVE LOSS: (404,372) (4,591,131) (1,313,134) (4,273,799) Unrealized foreign currency translation loss attributable to Greenland Technologies Holding Corporation and subsidiaries (297,385) (3,185,362) (951,193) (2,973,010) Unrealized foreign currency translation loss attributable to non-controlling interest (106,987) (1,405,769) (361,941) (1,300,789) Total comprehensive income (loss) attributable to Greenland technologies holding corporation and subsidiaries 4,353,525 (786,224) 6,201,920 873,103 Total comprehensive income (loss) attributable to noncontrolling interest \$ 1,115,287 \$ (864,711) \$ 1,927,378 \$ 251,868 WEIGHTED AVERAGE ORDINARY SHARES OUTSTANDING: (in Shares) 13,594,530 12,978,504 13,594,530 12,978,504 Basic (in Dollars per share) \$ 0.34 \$ 0.18 \$ 0.53 \$ 0.3 X - ReferencesNo definition available. + Details Name: gtec_UnrealizedForeignCurrencyTranslationIncomeAttributableToNoncontrollingInterest Namespace Prefix: gtec_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionUnrealized foreign currency translation income (loss) attribute to Greenland technologies holding. + ReferencesNo definition available. + Details Name: gtec_UnrealizedForeignCurrencyTranslationIncomeLossAttributeToGreenlandTechnologiesHolding Namespace Prefix: gtec_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income and other comprehensive income, attributable to parent entity. Excludes changes in equity resulting from investments by owners and distributions to owners. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -

SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(24)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483621/220-10-S99-2>Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-04\(26\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(26)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1)Reference 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-04\(22\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1)Reference 4: [http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1A](http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1A)Reference 5: [http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1B](http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1B)Reference 6: [http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-04\(20\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1)Reference 7: [http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 20 -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-20](http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-5 + Details Name: us-gaap_ComprehensiveIncomeNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income (loss) and other comprehensive income (loss), attributable to noncontrolling interests. Excludes changes in equity resulting from investments by owners and distributions to owners. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 20 -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-20)Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph \(SX 210.5-03\(23\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2)Reference 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-04\(25\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1)Reference 4: [http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-04\(21\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1)Reference 5: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 45 -Paragraph 21 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-21>Reference 6: [http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1A](http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1A)Reference 7: [http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1B](http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1B)Reference 8: [http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-04\(20\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1)Reference 9: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph \(SX 210.5-03\(2\)\(d\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2](http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 55 -Paragraph 4K -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4K + Details Name: us-gaap_ComprehensiveIncomeNetOfTaxAttributableToNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe aggregate costs related to goods produced and sold and services rendered by an entity during the reporting period. This excludes costs incurred during the reporting period related to financial services rendered and other revenue generating activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(2)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2)Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph \(SX 210.5-03\(2\)\(a\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(2)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2)Reference 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6](http://www.xbrl.org/2003/role/disclosureRef -Topic 924 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479941/924-10-S99-1 + Details Name: us-gaap_CostOfGoodsAndServicesSold Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe amount of net income (loss) for the period per each share of common stock or unit outstanding during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6)Reference 2: <http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52>Reference 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph \(g\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1)Reference 4: [http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph \(g\)\(3\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2)Reference 5: <http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15>Reference 7: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph \(e\)\(4\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1)Reference 8: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph \(f\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1)Reference 9: [http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11](http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11)Reference 10: [http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11](http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11)Reference 11: [http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7](http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7)Reference 12: <http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2>Reference 13: [http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph \(d\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60B](http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60B)Reference 14: <http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4>Reference 15: [http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1)Reference 16: <http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10>Reference 17: [http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph \(SX 210.5-03\(25\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2)Reference 18: [http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-04\(27\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1)Reference 19: [http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-04\(23\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1)Reference 20: [http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 815 -SubTopic 10 -Section 50 -Paragraph 4A -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4A + Details Name: us-gaap_GainLossOnDerivativeInstrumentsNetPretax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of gain \(loss\) on sale or disposal of property, plant and equipment assets, including oil and gas property and timber property. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph \(b\) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_GainLossOnSaleOfPropertyPlantEquipment Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe aggregate total of expenses of managing and administering the affairs of an entity, including affiliates of the reporting entity, which are not directly or indirectly associated with the manufacture, sale or creation of a product or product line. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph \(SX 210.5-03\(4\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareBasic Namespace Prefix: us-gaap_ Data Type: dt:types:perShareItemType Balance Type: na Period Type: duration X - DefinitionAggregate net gain (loss) on all derivative instruments recognized in earnings during the period, before tax effects. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 815 -SubTopic 10 -Section 50 -Paragraph 4A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4A + Details Name: us-gaap_GainLossOnDerivativeInstrumentsNetPretax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of gain (loss) on sale or disposal of property, plant and equipment assets, including oil and gas property and timber property. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_GainLossOnSaleOfPropertyPlantEquipment Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe aggregate total of expenses of managing and administering the affairs of an entity, including affiliates of the reporting entity, which are not directly or indirectly associated with the manufacture, sale or creation of a product or product line. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2)Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.6-07\(2\)\(a\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1 + Details Name: us-gaap_GeneralAndAdministrativeExpense Namespace Prefix: us-gaap_](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1 + Details Name: us-gaap_GeneralAndAdministrativeExpense Namespace Prefix: us-gaap_)

Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAggregate revenue less cost of goods and services sold or operating expenses directly attributable to the revenue generation activity. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22>Reference 2: <http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48>Reference 3: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph \(f\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32)Reference 4: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30)Reference 5: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(i\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1)Reference 6: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph \(ee\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32)Reference 7: [http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32](http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32)Reference 8: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph \(SX 210.5-03\(2\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2)Reference 9: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph \(SX 210.5-03\(1\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2)Reference 10: [http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.4-08\(g\)\(1\)\(iii\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1)Reference 11: [http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3)Reference 12: [http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph \(f\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28](http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28)Reference 13: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(4\)\(i\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 14: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(4\)\(iii\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 15: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(4\)\(iii\)\(A\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 16: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(4\)\(iv\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 17: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(5\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 18: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph \(SX 210.13-02\(a\)\(4\)\(i\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 19: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph \(SX 210.13-02\(a\)\(4\)\(iii\)\(A\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 20: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph \(SX 210.13-02\(a\)\(4\)\(iii\)\(B\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 21: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph \(SX 210.13-02\(a\)\(4\)\(iv\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 22: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph \(SX 210.13-02\(a\)\(5\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 23: <http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31> + Details Name: us-gaap_GrossProfit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of income (loss) from continuing operations, including income (loss) from equity method investments, before deduction of income tax expense (benefit), and income (loss) attributable to noncontrolling interest. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22>Reference 2: <http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48>Reference 3: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph \(f\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32)Reference 4: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30)Reference 5: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(i\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1)Reference 6: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph \(ee\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32)Reference 7: [http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32](http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32)Reference 8: [http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-04\(11\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1)Reference 9: <http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31>Reference 10: [http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-05\(b\)\(2\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1)Reference 11: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph \(SX 210.5-03\(10\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2)Reference 12: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-04\(15\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1) + Details Name: us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_IncomeStatementAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(i\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1)Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph \(ee\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32](http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32)Reference 3: <http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12>Reference 4: <http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231>Reference 5: <http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9>Reference 6: [http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SAB Topic 6.I.7\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.I.7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1)Reference 7: <http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8>Reference 8: <http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-10>Reference 9: [http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph \(h\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22](http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22)Reference 10: [http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-04\(9\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1)Reference 11: [http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Subparagraph \(a\) -SubTopic 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482659/740-20-45-2](http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Subparagraph (a) -SubTopic 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482659/740-20-45-2)Reference 12: <http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph>

(SX 210.4-08(h)) -SubTopic 10 -Topic 235 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480678/235-10-S99-1> + Details Name: us-gaap_IncomeTaxExpenseBenefit Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of interest expense classified as nonoperating. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (d) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-22>Reference 2: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483621/220-10-S99-2> + Details Name: us-gaap_InterestExpenseNonoperating Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount before accretion (amortization) of purchase discount (premium) of interest income on nonoperating securities. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-22>Reference 2: <http://www.xbrl.org/2003/role/exampleRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482785/280-10-55-48>Reference 3: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(7)(b)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483621/220-10-S99-2>Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482964/270-10-50-1>Reference 5: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-32> + Details Name: us-gaap_InvestmentIncomeInterest Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-6>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-9>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147476176/805-60-65-1>Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478666/740-323-65-2>Reference 5: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483621/220-10-S99-2>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(iii)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480678/235-10-S99-1>Reference 7: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481687/323-10-50-3>Reference 8: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482907/825-10-50-28>Reference 9: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482765/220-10-50-6>Reference 10: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-3>Reference 11: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-1>Reference 12: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480175/815-40-65-1>Reference 13: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-8>Reference 14: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-11>Reference 15: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-11>Reference 16: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-4>Reference 17: <http://www.xbrl.org/2003/role/exampleRef> -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479168/946-830-55-10>Reference 18: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479105/946-220-45-7>Reference 19: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477250/944-220-S99-1>Reference 20: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-1>Reference 21: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-3>Reference 22: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1A>Reference 23: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1A>Reference 24: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1A>Reference 25: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1A>Reference 26: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1A>Reference 27: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1B>Reference 28: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1B>Reference 29: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1B>Reference 30: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1B>Reference 31: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1B>Reference 32: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482689/260-10-45-60B>Reference 33: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483499/205-20-50-7>Reference 34: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28>Reference 35: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482790/220-10-45-1A>Reference 36: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482790/220-10-45-1B>Reference 37: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478524/942-220-S99-1> + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of Net Income (Loss) attributable to noncontrolling interest. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-6>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-9>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-8>Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -

Subparagraph (SX 210.7-04(17)) - Publisher FASB - URI <https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 5:>
<http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 6:> [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph \(a\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 7:](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 7:) <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 55 -Paragraph 4J -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4JReference 8:> [http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 9:](http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 9:) [http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1B + Details Name: us-gaap_NetIncomeLossAttributableToNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionGenerally recurring costs associated with normal operations except for the portion of these expenses which can be clearly related to production and included in cost of sales or services. Includes selling, general and administrative expense. + ReferencesNo definition available. + Details Name: us-gaap_OperatingExpenses Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe net result for the period of deducting operating expenses from operating revenues. + ReferencesReference 1:](http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1B + Details Name: us-gaap_NetIncomeLossAttributableToNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionGenerally recurring costs associated with normal operations except for the portion of these expenses which can be clearly related to production and included in cost of sales or services. Includes selling, general and administrative expense. + ReferencesNo definition available. + Details Name: us-gaap_OperatingExpenses Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe net result for the period of deducting operating expenses from operating revenues. + ReferencesReference 1:) <http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2:> [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 4:](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 4:) [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(i\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 5:](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 5:) [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph \(ee\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6:](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6:) [http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7:](http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7:) [http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31 + Details Name: us-gaap_OperatingIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount after tax and reclassification adjustments of other comprehensive income \(loss\). + ReferencesReference 1:](http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31 + Details Name: us-gaap_OperatingIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount after tax and reclassification adjustments of other comprehensive income (loss). + ReferencesReference 1:) <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2:> <http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 3:> <http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-1Reference 4:> <http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-17Reference 5:> [http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-04\(19\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 6:](http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 6:) <http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-4Reference 7:> [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-5Reference 8:)

Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference> 23: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference> 24: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference> 25: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference> 26: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference> 27: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference> 28: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference> 29: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477314/942-235-S99-1Reference> 30: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference> 31: <http://www.xbrl.org/2003/role/exampleRef> -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4J -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481175/810-10-55-4JReference> 32: <http://www.xbrl.org/2003/role/exampleRef> -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4K -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481175/810-10-55-4KReference> 33: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference> 34: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference> 35: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-2Reference> 36: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (a)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference> 37: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481203/810-10-50-1A> + Details Name: us-gaap_ProfitLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of expense for research and development. Includes, but is not limited to, cost for computer software product to be sold, leased, or otherwise marketed and writeoff of research and development assets acquired in transaction other than business combination or joint venture formation or both. Excludes write-down of intangible asset acquired in business combination or from joint venture formation or both, used in research and development activity. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference> 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481283/985-20-50-2Reference> 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 730 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482916/730-10-50-1Reference> 4: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 912 -SubTopic 730 -Name Accounting Standards Codification -Section 25 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479532/912-730-25-1> + Details Name: us-gaap_ResearchAndDevelopmentExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of revenue recognized from goods sold, services rendered, insurance premiums, or other activities that constitute an earning process. Includes, but is not limited to, investment and interest income before deduction of interest expense when recognized as a component of revenue, and sales and trading gain (loss). + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference> 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference> 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference> 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference> 5: <http://fasb.org/us-gaap/role/ref/otherTransitionRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference> 6: <http://fasb.org/us-gaap/role/ref/otherTransitionRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference> 7: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(iii)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference> 8: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference> 9: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference> 10: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference> 11: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference> 12: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference> 13: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference> 14: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference> 15: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference> 16: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference> 17: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference> 18: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference> 19: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference> 20: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference> 21: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference> 22: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference> 23: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference> 24: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference> 25: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477314/942-235-S99-1Reference> 26: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(1)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483621/220-10-S99-2> + Details Name: us-gaap_Revenues Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionExpenses recognized in the

period that are directly related to the selling and distribution of products or services. + ReferencesReference 1:

[http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(b\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 9:](http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 9:)

[http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph \(f\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 10:](http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 10:)

[http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-11Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478009/946-205-45-3Reference 13:](http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-11Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478009/946-205-45-3Reference 13:)

Paragraph 5 -Subparagraph (c)(2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479654/326-10-65-5>Reference 14: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph \(e\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6](http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6)Reference 15: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph \(h\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6](http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6)Reference 16: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph \(h\)\(1\)\(i\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6](http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6)Reference 17: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph \(h\)\(1\)\(iii\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6](http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6)Reference 18: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph \(h\)\(1\)\(iv\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6](http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6)Reference 19: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph \(i\)\(3\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6](http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (i)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6)Reference 20: [http://www.xbrl.org/2003/role/disclosureRef -Topic 105 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479343/105-10-65-6](http://www.xbrl.org/2003/role/disclosureRef -Topic 105 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479343/105-10-65-6)Reference 21: [http://www.xbrl.org/2003/role/disclosureRef -Topic 105 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph \(d\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479343/105-10-65-6](http://www.xbrl.org/2003/role/disclosureRef -Topic 105 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479343/105-10-65-6)Reference 22: [http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph \(f\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (f)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2)Reference 23: [http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph \(f\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (f)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2)Reference 24: [http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 8 -Subparagraph \(d\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482615/740-10-65-8](http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 8 -Subparagraph (d)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482615/740-10-65-8)Reference 25: [http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 8 -Subparagraph \(d\)\(3\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482615/740-10-65-8](http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 8 -Subparagraph (d)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482615/740-10-65-8)Reference 26: [http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 4 -Subparagraph \(d\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479654/326-10-65-4](http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 4 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479654/326-10-65-4)Reference 27: [http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(b\)\(3\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1)Reference 28: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph \(e\)\(3\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1)Reference 29: [http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7](http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7)Reference 30: <http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-5>Reference 31: <http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-1>Reference 32: <http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-17>Reference 33: [http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20](http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20)Reference 34: <http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-11>Reference 35: <http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478009/946-205-45-3>Reference 36: <http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 505 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478448/946-505-50-3>Reference 37: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.6-04\(19\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1)Reference 38: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph \(SX 210.6-05\(4\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2)Reference 39: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph \(SX 210.6-09\(4\)\(b\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3)Reference 40: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph \(SX 210.6-09\(6\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3)Reference 41: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph \(SX 210.6-09\(7\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3)Reference 42: [http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.3-04\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1)Reference 43: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.4-08\(g\)\(1\)\(ii\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1)Reference 44: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3)Reference 45: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph \(f\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28)Reference 46: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 45 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-15>Reference 47: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-16>Reference 48: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 55 -Paragraph 4I -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4I>Reference 49: [http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476166/350-60-65-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476166/350-60-65-1) + Details Name: us-gaap_StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 18 R7.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Unaudited Consolidated Statements of Cash Flows (Unaudited) - USD (\$) 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 CASH FLOWS FROM OPERATING ACTIVITIES: Â Â Net income \$ 9,442,432 \$ 5,398,770 Adjustments to reconcile net income to net cash provided by operating activities: Â Â Depreciation and amortization 1,092,484 1,066,325 Amortization of deferred revenue (113,743) 87,035 Property, plant and equipment written off (556) 239 Increase in allowance for credit losses 568,744 397,304 Increase(Decrease) in provision for inventory (120,097) 55,037 Change in fair value of warrant liability (2,904,324) Deferred tax assets (203,057) (71,923) Non-cash lease expenses 308,146 Accrued interest income derived from loan to related parties (2,385) Accrued expense 905,066 Decrease (Increase) In: Â Â Accounts receivable (6,380,475) (8,007,656) Notes receivable (4,483,926) (4,208,864) Inventories 3,963,162 1,778,487 Advance to suppliers (353,208) (707,627) Other current and noncurrent assets 1,968,116 3,096,994 Increase (Decrease) In: Â Â Accounts payable 103,191 1,442,661 Customer deposits 358,073 1,411 Other current liabilities (735,426) (436,370) Income tax payable (191,614) Due to related parties (190,000) 82,145 Lease liabilities (298,059) Other non-current liabilities (174,070) NET CASH PROVIDED BY (USED IN) OPERATING ACTIVITIES 2,924,158 (391,716) CASH FLOWS FROM INVESTING ACTIVITIES: Â Â Purchases of long-term assets (1,282,177) (277,696) Loan payment to third parties (693,001) Investment in a joint venture (50,000) NET CASH USED IN INVESTING ACTIVITIES (1,975,178) (327,696) CASH FLOWS FROM FINANCING ACTIVITIES: Â Â Proceeds from short-term bank loans 5,544,006 2,598,040 Repayments of short-term bank loans (8,537,769) (3,894,173) Notes payable (4,492,414) 1,286,200 Proceeds from related parties 214,245 Proceeds from third parties 1,876,362 Repayment of loans from third parties (433,007) Dividend paid (703,595) NET CASH (USED IN) PROVIDED BY FINANCING ACTIVITIES (7,486,177) 944,072 NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS AND RESTRICTED CASH (6,537,197) 224,660 Effect of exchange rate changes on cash (626,163) (905,766) CASH AND CASH EQUIVALENTS AND RESTRICTED CASH AT BEGINNING OF YEAR 28,189,387 19,729,056 CASH AND CASH EQUIVALENTS AND RESTRICTED CASH AT END OF PERIOD 21,026,027 19,047,950 Bank balances and cash 17,119,889 15,232,289 Bank balances and cash included in assets classified as restricted cash 3,906,138 3,815,661 Supplemental Disclosure of Cash Flow Information Â Â Income taxes paid 1,236,359 548,034 Interest paid \$ 50,283 \$ 152,462 X - DefinitionRepresent the amount of accrued interest income derived from loan to RP. + ReferencesNo definition available. + Details Name: gtec AccruedInterestIncomeDerivedFromLoanToRP Namespace Prefix: gtec Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmortization of deferred subsidy. + ReferencesNo definition available. + Details Name: gtec AmortizationOfDeferredSubsidy Namespace Prefix: gtec_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe increase (decrease) during the period in the amount of customer money held in customer accounts, including security

deposits, collateral for a current or future transactions, initial payment of the cost of acquisition or for the right to enter into a contract or agreement. + ReferencesNo definition available. + Details Name: gtec_IncreaseDecreaseInCustomerDeposit Namespace Prefix: gtec_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: gtec_IncreaseInProvisionForInventory Namespace Prefix: gtec_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionRepayment of loans lend to third parties. + ReferencesNo definition available. + Details Name: gtec_RepaymentOfLoansLendToThirdParties Namespace Prefix: gtec_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. Excludes cash and cash equivalents within disposal group and discontinued operation. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(1\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 2: [http://www.xbrl.org/2003/role/exampleRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1](http://www.xbrl.org/2003/role/exampleRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1)Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4> + Details Name: us-gaap_CashAndCashEquivalentsAtCarryingValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage. Excludes amount for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef-Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-8>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef-Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24>Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4> + Details Name: us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of increase (decrease) in cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; excluding effect from exchange rate change. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef-Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Section 45 -Paragraph 1 -SubTopic 230 -Topic 830 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477401/830-230-45-1> + Details Name: us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseExcludingExchangeRateEffect Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of deferred income tax expense (benefit) pertaining to income (loss) from continuing operations. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph \(b\) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28)Reference 2: [http://www.xbrl.org/2003/role/commonPracticeRef-Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.4-08\(h\)\(1\)\(Note 1\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1](http://www.xbrl.org/2003/role/commonPracticeRef-Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)(1)(Note 1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1)Reference 3: [http://www.xbrl.org/2003/role/disclosureRef-Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph \(b\) -SubTopic 10 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-9](http://www.xbrl.org/2003/role/disclosureRef-Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (b) -SubTopic 10 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-9) + Details Name: us-gaap_DeferredIncomeTaxExpenseBenefit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe aggregate expense recognized in the current period that allocates the cost of tangible assets, intangible assets, or depleting assets to periods that benefit from use of the assets. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph \(b\) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28)Reference 2: <http://www.xbrl.org/2003/role/exampleRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48>Reference 3: <http://www.xbrl.org/2003/role/exampleRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49>Reference 4: [http://www.xbrl.org/2003/role/disclosureRef-Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(i\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1)Reference 5: [http://www.xbrl.org/2003/role/disclosureRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph \(ee\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32](http://www.xbrl.org/2003/role/disclosureRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32)Reference 6: [http://www.xbrl.org/2003/role/disclosureRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph \(e\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22](http://www.xbrl.org/2003/role/disclosureRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22) + Details Name: us-gaap_DepreciationDepletionAndAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase (decrease) from effect of exchange rate changes on cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; held in foreign currencies. Excludes amounts for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef-Topic 830 -SubTopic 230 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477401/830-230-45-1> + Details Name: us-gaap_EffectOfExchangeRateOnCashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of expense (income) related to adjustment to fair value of warrant liability. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph \(b\) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28)Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Section 25 -Paragraph 13 -SubTopic 10 -Topic 480 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481766/480-10-25-13> + Details Name: us-gaap_FairValueAdjustmentOfWarrants Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of gain (loss) on sale or disposal of property, plant and equipment assets, including oil and gas property and timber property. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph \(b\) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28) + Details Name: us-gaap_GainLossOnSaleOfPropertyPlantEquipment Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, after refund, of cash paid to foreign, federal, state, and local jurisdictions as income tax. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef-Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-2A>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef-Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 23 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-23>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef-Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-22>Reference 4: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-2> + Details Name: us-gaap_IncomeTaxesPaidNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the aggregate amount of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph \(a\) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28) + Details Name: us-gaap_IncreaseDecreaseInAccountsPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in amount due within one year (or one business cycle) from customers for the credit sale of goods and services. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph \(a\) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28) + Details Name: us-gaap_IncreaseDecreaseInAccountsReceivable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe increase (decrease) during the period in the amount due for taxes based on the reporting entity's earnings or attributable to the entity's income earning process (business

presence) within a given jurisdiction. + ReferencesReference 1:

1:

Topic: duration X - DefinitionThe cash outflow for a borrowing having initial term of repayment within one year or the normal operating cycle, if longer. + ReferencesReference 1:

Name Accounting Standards Codification -Publisher FASB -URI <https://asc.fasb.org/205/tableOfContent> + Details Name: us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 20 R9.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Summary of Significant Accounting Policies 6 Months Ended Jun. 30, 2024 Summary of Significant Accounting Policies [Abstract] SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES Basis of Presentation The accompanying unaudited consolidated financial statements are prepared in accordance with accounting principles generally accepted in the United States of America (the U.S. GAAP) for information pursuant to the rules and regulations of the U.S. Securities and Exchange Commission. Principles of Consolidation The unaudited consolidated financial statements are prepared in accordance with accounting principles generally accepted in the United States of America (the US GAAP). The unaudited consolidated financial statements include the financial statements of the Company and its subsidiaries, which include Hong Kong-registered entities and PRC-registered entities directly or indirectly owned by the Company. All transactions and balances among the Company and its subsidiaries have been eliminated upon consolidation. The results of subsidiaries acquired or disposed of are recorded in the consolidated income statements from the effective date of acquisition or up to the effective date of disposal, as appropriate. A subsidiary is an entity in which (i) the Company directly or indirectly controls more than 50% of the voting power; or (ii) the Company has the power to appoint or remove the majority of the members of the board of directors or to cast a majority of votes at the meetings of the board of directors or to govern the financial and operating policies of the investee pursuant to a statute or under an agreement among the shareholders or equity holders. Use of Estimates The preparation of the consolidated financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the consolidated financial statements and the reported amounts of revenues and expenses during the reporting periods. Management makes these estimates using the best information available at the time the estimates are made. Actual results could differ from those estimates. Significant estimates in the six months ended June 30, 2024 and 2023 include allowance for expected credit losses, reserve for inventories, fair value of warrant liability, useful life of property, plant and equipment, assumptions used in assessing impairment of long-term assets, estimates used in accounting for leases in accordance with FASB ASC 842, Leases and valuation of deferred tax assets and accruals for taxes due. Non-controlling Interest Non-controlling interests in the Company's subsidiaries are recorded in accordance with the provisions of Financial Accounting Standards Board (the FASB) Accounting Standards Codification 810 Consolidation (the ASC 810) and are reported as a component of equity, separate from the parent's equity. Purchase or sale of equity interests that do not result in a change of control are accounted for as equity transactions. Results of operations attributable to the non-controlling interest are included in our consolidated results of operations and, upon loss of control, the interest sold, as well as interest retained, if any, will be reported at fair value with any gain or loss recognized in earnings. Foreign Currency Translation Since the Company operates primarily in the PRC, the Company's functional currency is the Renminbi (the RMB). The Company's financial statements have been translated into the reporting currency of the United States Dollar (the USD), the US\$ or the \$. Assets and liabilities of the Company are translated at the exchange rate at each reporting period end date. Equity is translated at the historical exchange rate when the transaction occurs. Income and expense accounts are translated at the average rate of exchange during the reporting period. The resulting translation adjustments are reported under other comprehensive income (loss). Gains and losses resulting from the translation of foreign currency transactions and balances are reflected in the results of operations. As of June 30, 2024 and December 31, 2023, Period end RMB: US\$ exchange rate 7.2672 and 7.0999. For the six months ended June 30, 2024 and 2023, Period average RMB: US\$ exchange rate 7.2150 and 6.8423. The RMB is not freely convertible into foreign currency and all foreign exchange transactions must take place through authorized institutions. The PRC government imposes significant exchange restrictions on fund transfers out of the PRC that are not related to business operations. Cash and Cash Equivalents For financial reporting purposes, the Company considers all highly liquid investments purchased with an original maturity of three months or less to be cash equivalents. The Company maintains its bank accounts with various financial institutions primarily in mainland China and the U.S. The Company has not experienced any losses in bank accounts. Restricted Cash Restricted cash represents amounts held by a bank as security for bank acceptance bills, as well as the financial product secured for the short-term bank loan and therefore is not available for the Company's use until such time as the bank acceptance notes and bank loans have been fulfilled or expired, normally within a twelve-month period. Fair Value of Financial Instruments The Company applies the provisions of ASC 820, Fair Value Measurements and Disclosures, to the financial instruments that are required to be carried at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants at the measurement date. The Company uses a three-tier fair value hierarchy based upon observable and non-observable inputs that prioritizes the information used to develop our assumptions regarding fair value. Fair value measurements are separately disclosed by level within the fair value hierarchy. Level 1 defined as observable inputs such as quoted prices in active markets for identical assets or liabilities; Level 2 defined as inputs other than quoted prices in active markets, that are either directly or indirectly observable; and Level 3 defined as unobservable inputs in which little or no market data exists, therefore requiring an entity to develop its own assumptions. The Company's financial assets and liabilities, which include financial instruments as defined by FASB ASC 820, include cash, cash equivalents and restricted cash, short term investment, accounts receivable, notes receivables, due from related party, fixed deposit, short term bank loans, accounts payable, other payable, notes payable and warrant liability. As of June 30, 2024 and December 31, 2023, the carrying amounts of cash and cash equivalents, restricted cash, accounts receivable, notes receivables, notes payables and accounts payable were approximation of their fair value due to the short-term nature. As of June 30, 2024 and December 31, 2023, fixed deposits and bank loans were measured at amortized cost. The following table summarizes the fair value measurements of assets and liabilities that are measured at fair value on a recurring basis as of June 30, 2024:

	Active Market for Identical Assets (Level 1)	Observable Inputs (Level 2)	Unobservable Inputs (Level 3)	Total Carrying Value	Short term investment
Cash	\$5,504,183			\$5,504,183	
Warrants liability			1,180,281	1,180,281	
Total	\$5,504,183		\$6,684,464		

Accounts Receivable and Allowance for Expected Credit Losses Accounts receivable are stated at the historical carrying amount net of allowance for expected credit losses. The Company adopted ASU No. 2016-13, Financial Instruments Credit Losses (Topic 326), Measurement of Credit Losses on Financial Instruments on January 1, 2023 using a modified retrospective approach. The Company also adopted this guidance to notes receivable and due from related parties. To estimate expected credit losses, the Company has identified the relevant risk characteristics of its customers and the related receivables. The Company considers the past collection experience, current economic conditions, future economic conditions (external data and macroeconomic factors) and changes in the Company's customer collection trends. The allowance for expected credit losses and corresponding receivables were written off when they are determined to be uncollectible. Inventories Inventories are stated at the lower of cost or net realizable value, which is based on estimated selling prices less any further costs expected to be incurred for completion and disposal. Cost of raw materials is calculated using the weighted average method and is based on purchase cost. Work-in-progress and finished goods costs are determined using the weighted average method and comprise direct materials, direct labor and an appropriate proportion of overhead. Advance to Suppliers Advance to suppliers represents interest-free cash paid in advance to suppliers for purchases of parts and/or raw materials. The balance of advance to suppliers was \$0.64 million and \$0.29 million as of June 30, 2024 and December 31, 2023, respectively. Property, Plant, and Equipment Property, plant, and equipment are stated at cost less accumulated depreciation, and include expenditure that substantially increases the useful lives of existing assets. Expenditures for repairs and maintenance, which do not extend the useful life of the assets, are expensed as incurred. Depreciation is provided over their estimated useful lives, using the straight-line method. Estimated useful lives are as follows: Buildings 20 years Machinery 2-10 years Motor vehicles 4 years Electronic equipment 3-5 years Fixed assets decoration 5 years When assets are sold or retired, their costs and accumulated depreciation are eliminated from the consolidated financial statements and any gain or loss resulting from their disposal is recognized in the period of disposition as an element of other income. The cost of maintenance and repairs is charged to income as incurred, whereas significant renewals and betterments are capitalized. Construction in process Property, plant, and equipment that are purchased or constructed which require a period of time before the assets are ready for their intended use are accounted for as construction-in-progress. Construction-in-progress is recorded at acquisition cost, including installation costs. Construction-in-progress is transferred to specific property and equipment accounts and commences depreciation when these assets are ready for their intended use. Land Use Rights According to the PRC laws, the government owns all the land in the PRC. Companies or individuals are authorized to possess and use the land only through land use rights granted by the Chinese government. The land use rights granted to the Company are being amortized using the straight-line method over the lease term of fifty years. Impairment of Long-Lived Assets Long-lived assets are evaluated for impairment periodically whenever events or changes in circumstances indicate that their related carrying amounts may not be recoverable in accordance with FASB ASC 360, Property, Plant and Equipment. In evaluating long-lived assets for recoverability, the Company uses its best estimate of future cash flows expected to result from the use of the asset and eventual disposition in accordance with FASB ASC 360-10-15. To the extent that estimated future, undiscounted cash inflows attributable to the asset, less estimated future, undiscounted cash outflows, are less than the carrying amount, an impairment loss is recognized in an amount equal to the difference between the carrying value of such asset and its fair value. Assets to be disposed of and for which there is a committed plan of disposal, whether through sale or abandonment, are reported at the lower of carrying value or fair value less costs to sell. There was no impairment loss recognized for the six months ended June 30, 2024 and 2023. Lease ASC 842 supersedes the lease requirements in ASC 840 Leases, and generally requires lessees to recognize operating and finance lease liabilities and corresponding right-of-use assets on the balance sheet and to provide enhanced disclosures surrounding the amount, timing and uncertainty of cash flows arising from leasing arrangements. Leases that transfer substantially all of the benefits and risks incidental to the ownership of assets are accounted for as finance leases as if there was an acquisition of an asset and incurrence of an obligation at the inception of the lease. All other leases are accounted for as operating leases. A sale-leaseback transaction occurs when an entity sells an asset it owns and immediately leases

the asset back from the buyer. The seller then becomes the lessee and the buyer becomes the lessor. Under ASC 842, both parties must assess whether the buyer-lessor has obtained control of the asset and a sale has occurred. The Company has leased premises for its assembly site under non-cancellable operating leases since June 2022. Operating lease payments are expensed over the term of lease using straight line method. The Company's office leases have a 3-year term and the lease of its assembly site has a 5.5-year term. Usually within four months prior to the expiration date of a lease, the Company is required to notify the lessor and has a priority to continue renting the lease property if a lessor intends to lease property. The lease itself does not have restrictions or covenants. Any damage, if made by the lessee, to the property and equipment within the property has to be fixed or reimbursed by the lessee. The Company does not have any leases entered into that have not yet commenced. Under the terms of the lease agreements, the Company has no legal or contractual asset retirement obligations at the end of the leases. Revenue Recognition

In accordance with ASC Topic 606, Revenue from Contracts with Customers, the Company recognizes revenues when goods or services are transferred to customers in an amount that reflects the consideration which the Company expects to receive in exchange for those goods or services. In determining when and how revenues are recognized from contracts with customers, the Company performs the following five-step analysis: (i) identification of contract with customer (ii) determination of performance obligations (iii) measurement of the transaction price (iv) allocation of the transaction price to the performance obligations and (v) recognition of revenues when (or as) the Company satisfies each performance obligation. The Company derives revenues from the processing, distribution and sale of its products. The Company recognizes its revenues net of value-added taxes (VAT). The Company is subject to VAT which had been levied at the rate of 17% on the invoiced value of sales until April 30, 2018, after which date the rate was reduced to 16%. VAT rate was further reduced to 13% starting from April 1, 2019. Output VAT is borne by customers in addition to the invoiced value of sales and input VAT is borne by the Company in addition to the invoiced value of purchases to the extent not refunded for export sales. Revenues are recognized at a point in time once the Company has determined that the customer has obtained control over the product. Control is typically deemed to have been transferred to the customer when the performance obligation is fulfilled, usually at the time of customer's acceptance or consumption, at the net sales price (transaction price) and each of the criteria under ASC 606 have been met. Contract terms may require the Company to deliver the finished goods to the customer's location or the customer may pick up the finished goods at the Company's factory. International sales are recognized when shipment clears customs and leaves the port. Payments due within two months after customer's acceptance or consumption. The Company adopted ASC 606 on January 1, 2018, using the transition method of Modified-Retrospective Method (MRM). The adoption of ASC 606 had no impact on the Company's beginning balance of retained earnings. The Company's contracts are all short-term in nature with a contract term of one year or less. Receivables are recorded when the Company has an unconditional right to consideration. Contracts do not offer any price protection but allow for the return of certain goods if there is a quality problem, which is standard warranty. The Company's product returns and recorded reserve for sales returns were minimal for the six months ended June 30, 2024 and 2023. The total sales return amount accounted for around 0.04% and 0.05% of the total revenue of Greenland for the six months ended June 30, 2024 and 2023, respectively. The total warrants expenditures amount accounted for around 0.46% and 0.23% of the total revenue of Greenland for the six months ended June 30, 2024 and 2023, respectively. The following table sets forth disaggregation of revenue:

	2024	2023
For the three months ended June 30,		
Major Products	2024	2023
Transmission boxes for Forklift	\$21,035,937	\$22,657,220
Transmission boxes for Non-Forklift (EV, etc.)	\$42,810,331	\$43,525,959
	\$1,981,323	\$912,229
	\$2,930,520	\$2,192,850
Total	\$23,017,260	\$23,569,449
	\$45,740,851	\$45,718,809

Cost of Goods Sold

Cost of goods sold consists primarily of material costs, freight charges, purchasing and receiving costs, inspection costs, internal transfer costs, wages, employee compensation, amortization, depreciation and related costs, which are directly attributable to the production of products. Write-down of inventory to lower of cost or net realizable value is also recorded in cost of goods sold. Selling Expenses

Selling expenses include operating expenses such as payroll and traveling and transportation expenses. General and Administrative Expenses

General and administrative expenses include management and office salaries and employee benefits, depreciation for office facility and office equipment, travel and entertainment, legal and accounting, consulting fees and other office expenses. Research and Development

Research and development costs are expensed as incurred and totaled approximately \$1.12 million and \$1.43 million for the three months ended June 30, 2024 and 2023, respectively. Research and development costs are expensed as incurred and totaled approximately \$2.11 million and \$2.55 million for the six months ended June 30, 2024 and 2023, respectively. Research and development costs are incurred on a project specific basis. Government Subsidies

Government subsidies are recognized when there is reasonable assurance that the subsidy will be received and all attaching conditions will be complied with. When the subsidy relates to an expense item, it is recognized as income over the periods necessary to match the subsidy on a systematic basis to the costs that it is intended to compensate. Where the subsidy relates to an asset, it is recognized as other long-term liabilities and is released to the statement of operations over the expected useful life in a consistent manner with the depreciation method for the relevant asset. Total government subsidies recorded in the other long-term liabilities were \$1.38 million and \$1.53 million as of June 30, 2024 and December 31, 2023, respectively. Income Taxes

The Company accounts for income taxes following the liability method pursuant to FASB ASC 740 "Income Taxes". Under this method, deferred tax assets and liabilities are determined based on the difference between the financial reporting and tax bases of assets and liabilities using enacted tax rates that will be in effect in the period in which the differences are expected to reverse. The Company records a valuation allowance to offset deferred tax assets if, based on the weight of available evidence, it is more-likely-than-not that some portion, or all, of the deferred tax assets will not be realized. The effect on deferred taxes of a change in tax rate is recognized in income in the period that includes the enactment date. The Company also follows FASB ASC 740, which addresses the determination of whether tax benefits claimed or expected to be claimed on a tax return should be recorded in the financial statements. The Company may recognize the tax benefit from an uncertain tax position only if it is more likely than not that the tax position will be sustained on examination by the taxing authorities, based on the technical merits of the position. The tax benefits recognized in the financial statements from such a position should be measured based on the largest benefit that has a greater than fifty percent likelihood of being realized upon ultimate settlement. ASC 740 also provides guidance on recognition, classification, interest and penalties on income taxes, accounting in interim periods and requires increased disclosures. As of June 30, 2024 and December 31, 2023, the Company did not have a liability for unrecognized tax benefits. It is the Company's policy to include penalties and interest expense related to income taxes as a component of other expense and interest expense, respectively, as necessary. The Company's historical tax years will remain open for examination by the local authorities until the statute of limitations has passed. Value-Added Tax

Enterprises or individuals, who sell commodities, engage in repair and maintenance or import or export goods in the PRC are subject to a value added tax in accordance with PRC Laws. The VAT standard rate had been 17% of the gross sale price until April 30, 2018, after which date the rate was reduced to 16%. VAT rate was further reduced to 13% starting from April 1, 2019. A credit is available whereby VAT paid on the purchases of semi-finished products or raw materials used in the production of the Company's finished products can be used to offset the VAT due on the sales of the finished products. Statutory Reserve

In accordance with the PRC Regulations on Enterprises with Foreign Investment, an enterprise established in the PRC with foreign investment is required to provide for certain statutory reserves, namely (i) a General Reserve Fund, (ii) an Enterprise Expansion Fund and (iii) a Staff Welfare and Bonus Fund, which are appropriated from net profit as reported in the enterprise's PRC statutory accounts. A wholly owned foreign enterprise is required to allocate at least 10% of its annual after-tax profit to the General Reserve Fund until the balance of such fund has reached 50% of its respective registered capital. A non-wholly owned foreign invested enterprise is permitted to provide for the above allocation at the discretion of its board of directors. Appropriations to the Enterprise Expansion Fund and Staff Welfare and Bonus Fund are at the discretion of the board of directors for all foreign invested enterprises. The reserves can only be used for specific purposes and are not distributable as cash dividends. Comprehensive Income (Loss)

Comprehensive income (loss) is defined as the change in equity during the year from transactions and other events, excluding the changes resulting from investments by owners and distributions to owners, and is not included in the computation of income tax expense or benefit. Accumulated comprehensive income consists of foreign currency translation. The Company presents comprehensive income (loss) in accordance with ASC Topic 220, "Comprehensive Income". Earnings per share

The Company calculates earnings per share in accordance with ASC Topic 260 "Earnings per Share". Basic earnings per share is computed by dividing the net income(loss) attributable to Greenland Technologies Holding Corporation, by the weighted average number of ordinary shares outstanding during the period. Diluted earnings per share is computed similar to basic earnings per share except that the denominator is increased to include the number of additional ordinary shares that would have been outstanding if the potential ordinary shares equivalents had been issued and if the additional ordinary shares were dilutive. Segments and Related Information

ASC 280 "Segment reporting" establishes standards for reporting information on operating segments in interim and annual financial statements. All of the Company's operations are considered by the chief operating decision maker to be aggregated in one reportable operating segment. The Company is engaged in the business of manufacturing and selling various transmission boxes. The Company's manufacturing process is essentially the same for the entire Company and is performed in-house at the Company's facilities in the PRC. The Company's customers primarily consist of entities in the automotive, construction machinery or warehousing equipment industries. The distribution of the Company's products is consistent across the entire Company. In addition, the economic characteristics of each customer arrangement are similar in that the Company maintains policies at the corporate level. Commitments and contingencies

In the normal course of business, the Company is subject to contingencies, including legal proceedings and environmental claims arising out of the normal course of businesses that relate to a wide range of matters, including among others, contracts breach liability. The Company records accruals for such contingencies based upon the assessment of the probability of occurrence and, where determinable, an estimate of the liability. Management may consider many factors in making these assessments including past history, scientific evidence and the specifics of each matter. The Company's management has evaluated all such proceedings and claims that existed as of June 30, 2024 and December 31, 2023. Normal course of businesses that relate to a wide range of matters, including among others, contracts breach liability. The Company records accruals for such contingencies based upon the assessment of the probability of occurrence and, where determinable, an estimate of the liability. Management may consider many factors in making these assessments including past history, scientific evidence and the

specifics of each matter. The Company’s management has evaluated all such proceedings and claims that existed as of June 30, 2024 and December 31, 2023. A Related Party In general, related parties exist when there is a relationship that offers the potential for transactions at less than arm’s-length, favorable treatment, or the ability to influence the outcome of events different from that outcome which might result in the absence of that relationship. A related party may be any of the following: a) an affiliate, which is a party that directly or indirectly controls, is controlled by, or is under common control with another party; b) a principle owner, owner of record or known beneficial owner of more than 10% of the voting interest of an entity; c) management, which are persons having responsibility for achieving objectives of the entity and requisite authority to make decision; d) immediate family of management or principal owners; e) a parent company and its subsidiaries; f) other parties that have ability to significant influence the management or operating policies of the entity; and g) other parties that can significantly influence the management or operating policies of the transacting parties or that have an ownership interest in one of the transacting parties and can significantly influence the other to an extent that one or more of the transacting parties might be prevented from fully pursuing its or their own separate interests. The Company discloses all significant related party transactions. Uncertainty and Risks Political, Social and Economic Risks A significant portion of the Company’s operations are conducted in the PRC. Accordingly, the Company’s business, financial condition and results of operations may be influenced by the political, economic and legal environment in the PRC, and by the general state of the PRC economy. The Company’s operations in the PRC are subject to special considerations and significant risks not typically associated with companies in North America and Western Europe. These include risks associated with, among others, the political, economic and legal environment and foreign currency exchange. The Company’s results may be adversely affected by changes in the political and social conditions in the PRC, and by changes in governmental policies with respect to laws and regulations, anti-inflationary measures, currency conversion, remittances abroad, and rates and methods of taxation, among other things. A Currency Exchange Risk The Company cannot guarantee that the current exchange rate will remain steady. Therefore, there is a possibility that the Company could post the same amount of profit for two comparable periods and yet, because of the fluctuating exchange rate, record higher or lower profit depending on exchange rate of RMB converted to U.S. dollars on the relevant dates. The exchange rate could fluctuate depending on changes in the political and economic environment without notice. A Concentration of Credit Risk Financial instruments that potentially expose the Company to concentrations of credit risk consist primarily of cash in bank and accounts receivable. The Company places its cash with financial institutions in the PRC and the U.S. Balances at financial institutions and state-owned banks within the PRC are covered by insurance up to RMB500,000 (USD70,000) per bank. As of June 30, 2024 and December 31, 2023, the Company’s bank account balance in the PRC was \$23,313,985 and \$33,033,191, respectively, exceeding PRC deposit insurance of RMB500,000 (USD70,000) as of each year end. To date, the Company has not experienced any losses in such accounts. The Company’s bank deposits in the U.S. are insured to the maximum extent permitted by the Deposit Insurance Fund in the U.S. Dodd-Frank permanently increased the maximum amount of deposit insurance to \$250,000 per depositor, per insured institution for each account ownership category. Federal Deposit Insurance Corporation (FDIC) insurance is backed by the full faith and credit of the United States government. As of June 30, 2024 and December 31, 2023, the Company’s bank account balance in the United States was \$93,754 and \$3,797,076, respectively, exceeding FDIC insurance of \$250,000 as of each year end. To date, the Company has not experienced any losses in such accounts. A The Company conducts credit evaluations of customers, and generally does not require collateral or other security from its customers. The Company establishes an allowance for expected credit losses primarily based upon the factors surrounding the credit risk of specific customers. A Warrants The Company accounts for warrants as either equity-classified or liability-classified instruments based on an assessment of the warrant’s specific terms and applicable authoritative guidance in the ASC 480, Distinguishing Liabilities from Equity (ASC 480) and ASC 815, Derivatives and Hedging (ASC 815). Management’s assessment considers whether the warrants are freestanding financial instruments pursuant to ASC 480, whether they meet the definition of a liability pursuant to ASC 480, and whether the warrants meet all of the requirements for equity classification under ASC 815, including whether the warrants are indexed to the Company’s own ordinary shares and whether the warrant holders could potentially require net cash settlement in a circumstance outside of the Company’s control, among other conditions for equity classification. This assessment, which requires the use of professional judgment, is conducted at the time of warrant issuance and as of each subsequent quarterly period-end date while the warrants are outstanding. A For issued or modified warrants that meet all of the criteria for equity classification, they are recorded as a component of additional paid-in capital at the time of issuance. For issued or modified warrants that do not meet all the criteria for equity classification, they are recorded as warrant liability at their initial fair value on the date of issuance and subject to remeasurement each balance sheet date with changes in the estimated fair value of the warrants to be recognized as a non-cash gain or loss in the statement of operations. A Recently Issued Accounting Pronouncements Recent accounting pronouncements that the Company has adopted or may be required to adopt in the future are summarized below: A In June 2016, the FASB issued ASU 2016-13, Credit Losses, Measurement of Credit Losses on Financial Instruments. This ASU provides more useful information about expected credit losses to financial statement users and changes how entities will measure credit losses on financial instruments and timing of when such losses should be recognized. This ASU is effective for annual and interim periods beginning after December 15, 2019 for issuers and December 15, 2020 for non-issuers. Early adoption is permitted for all entities for annual periods beginning after December 15, 2018, and interim periods therein. In May 2019, the FASB issued ASU 2019-05, Financial Instruments – Credit Losses (Topic 326): Targeted Transition Relief. This update adds optional transition relief for entities to elect the fair value option for certain financial assets previously measured at amortized cost basis to increase comparability of similar financial assets. The updates should be applied through a cumulative-effect adjustment to retained earnings as of the beginning of the first reporting period in which the guidance is effective (that is, a modified retrospective approach). On November 19, 2019, the FASB issued ASU 2019-10 to amend the effective date for ASU 2016-13 to be fiscal years beginning after December 15, 2022 and interim periods therein. The Company adopted this guidance on January 1, 2023, and the adoption did not have a material impact on its consolidated financial statements. A In March 2023, the FASB issued an ASU to amend certain provisions of ASC 842 that apply to arrangements between related parties under common control. The ASU amends the accounting for the amortization period of leasehold improvements in common-control leases for all entities and requires certain disclosures when the lease term is shorter than the useful life of the asset. This ASU is effective for fiscal years beginning after December 15, 2023, including interim periods within those fiscal years. Early adoption is permitted. We do not expect the application of this ASU to have a material impact on our consolidated financial statements or financial disclosures. A In November 2023, Accounting Standards Update (ASU) 2023-07, Improvements to Reportable Segment Disclosures was issued. ASU 2023-07 requires, among other updates, enhanced disclosures about significant segment expenses that are regularly provided to the chief operating decision maker, as well as the aggregate amount of other segment items included in the reported measure of segment profit or loss. This aims to provide more decision-useful information to stakeholders by giving a clearer picture of the costs incurred by each reportable segment. ASU 2023-07 is effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024, and requires retrospective adoption. Early adoption is permitted. We are assessing the impact of this guidance on our disclosures. A In December 2023, ASU 2023-09, Improvements to Income Tax Disclosures was issued. ASU 2023-09 requires enhanced annual disclosures regarding the rate reconciliation and income taxes paid. ASU 2023-09 is effective for fiscal years beginning after December 15, 2024, and may be adopted on a prospective or retrospective basis. Early adoption is permitted. We are assessing the impact of this guidance on our disclosures. A Other accounting standards that have been issued by FASB that do not require adoption until a future date are not expected to have a material impact on the consolidated financial statements upon adoption. The Company does not discuss recent pronouncements that are not anticipated to have an impact on, or are unrelated to, its consolidated financial condition, results of operations, cash flows or disclosures. X - ReferencesNo definition available. + Details Name: us-gaap_AccountingPoliciesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for all significant accounting policies of the reporting entity. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483426/235-10-50-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 235 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/235/tableOfContent + Details Name: us-gaap_SignificantAccountingPoliciesTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 22 R11.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Short Term Investment 6 Months Ended Jun. 30, 2024 Short Term Investment [Abstract] A SHORT TERM INVESTMENT NOTE 3 A SHORT TERM INVESTMENT A As of June 30, 2024 and December 31, 2023, the Company’s short term investment amounted to \$5,504,183 and \$2,818,068, respectively. In the six months ended June 30, 2024, the Company purchased bank management products in a total amount of \$5,544,006 (RMB40,000,000). As of June 30, 2024, the fair value of the Company’s bank management products was \$5,504,183 (RMB40,000,000). X - DefinitionThe entire disclosure for investment. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/320/tableOfContentReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Topic 321 -Publisher FASB -URI https://asc.fasb.org/321/tableOfContentReference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Topic 325 -Publisher FASB -URI https://asc.fasb.org/325/tableOfContent + Details Name: us-gaap_InvestmentTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_ShortTermInvestmentsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 22 R11.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Concentration on Revenues and Cost of Goods Sold 6 Months Ended Jun. 30, 2024 Concentration on Revenues and Cost of Goods Sold [Abstract] A CONCENTRATION ON REVENUES AND COST OF GOODS SOLD NOTE 4 A CONCENTRATION ON REVENUES AND COST OF GOODS SOLD A Concentration of major customers and suppliers: A A For the six months ended June 30, 2024 A 2023 A Major customers representing more than 10% of the Company’s revenues A A A A A A A A Company AA \$6,750,913 A A 14.76% A \$7,583,367 A A 16.59% Company BA \$4,424,577 A A 11.86% A \$4,934,803 A A 10.79 A Total Revenues A \$12,175,490 A A 26.62% A \$12,518,170 A A 27.38% A A As of A June 30, 2024 A December 31, 2023 A Major customers of the Company’s accounts receivable, net A A A A A A A A Company AA \$2,303,134 A A 10.52% A

2,143,828Â Â 12.36% Company BÂ Â 2,277,049Â Â 10.41%Â Â 1,582,994Â Â 9.12% Company CÂ Â 1,385,357Â Â 6.33%Â Â 1,415,116Â Â 8.16% Company DÂ Â 1,318,489Â Â 6.03%Â Â 1,370,447Â Â 7.90% Company EÂ Â 1,238,557Â Â 5.66%Â Â 1,192,684Â Â 6.87% Company FÂ Â 1,181,169Â Â 5.40%Â Â 746,874Â Â 4.30% TotalÂ \$9,703,755Â Â 44.35% \$8,451,944Â Â 48.71% Accounts receivable from the Companyâ€™s major customers accounted for 44.35% and 48.71% of total accounts receivable balances as of June 30, 2024 and December 31, 2023, respectively. Â There were no suppliers representing more than 10% of the Companyâ€™s total purchases for the six months ended June 30, 2024 and 2023, respectively. X - DefinitionThe entire disclosure for any concentrations existing at the date of the financial statements that make an entity vulnerable to a reasonably possible, near-term, severe impact. This disclosure informs financial statement users about the general nature of the risk associated with the concentration, and may indicate the percentage of concentration risk as of the balance sheet date. + ReferencesReference 1:

Type: na Period Type: duration X - DefinitionThe entire disclosure for other assets. This disclosure includes other current assets and other noncurrent assets. + ReferencesNo definition available. + Details Name: us-gaap_OtherAssetsDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 29 R18.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Notes Payable-Bank Acceptance Notes 6 Months Ended Jun. 30, 2024 Notes Payable [Abstract] Â NOTES PAYABLE-BANK ACCEPTANCE NOTES NOTE 11 â€ Notes PAYABLE-BANK ACCEPTANCE NOTES Â Â Â As ofÂ Â Â June 30, 2024Â Â DecemberÂ 31, 2023Â Bank acceptance notesÂ \$31,407,248Â Â \$36,712,562Â TotalÂ \$31,407,248Â Â \$36,712,562Â Â The interest-free notes payable, ranging from six months to one year from the date of issuance, were secured by \$3.91 million and \$5.21 million restricted cash, and \$20.52 million and \$21.85 million notes receivable, as of June 30, 2024 and December 31, 2023, respectively. Â All the notes payable are subject to bank charges of 0.05% of the principal amount as commission, included in the financial expenses in the statement of operations, on each loan transaction.Â The interest charge of notes payable is free. X - DefinitionThe entire disclosure for information about short-term and long-term debt arrangements, which includes amounts of borrowings under each line of credit, note payable, commercial paper issue, bonds indenture, debenture issue, own-share lending arrangements and any other contractual agreement to repay funds, and about the underlying arrangements, rationale for a classification as long-term, including repayment terms, interest rates, collateral provided, restrictions on use of assets and activities, whether or not in compliance with debt covenants, and other matters important to users of the financial statements, such as the effects of refinancing and noncompliance with debt covenants. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 6-Subparagraph \(b\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481544/470-10-50-6](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 6-Subparagraph (b)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481544/470-10-50-6)Reference 2: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 6-Subparagraph \(a\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481544/470-10-50-6](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 6-Subparagraph (a)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481544/470-10-50-6)Reference 3: [http://www.xbrl.org/2003/role/disclosureRef-Topic 405-SubTopic 40-Name Accounting Standards Codification-Section 50-Paragraph 1-Subparagraph \(d\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147477092/405-40-50-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 405-SubTopic 40-Name Accounting Standards Codification-Section 50-Paragraph 1-Subparagraph (d)-Publisher FASB-URI https://asc.fasb.org/1943274/2147477092/405-40-50-1)Reference 4: [http://www.xbrl.org/2003/role/disclosureRef-Topic 405-SubTopic 40-Name Accounting Standards Codification-Section 50-Paragraph 1-Subparagraph \(a\)\(3\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147477092/405-40-50-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 405-SubTopic 40-Name Accounting Standards Codification-Section 50-Paragraph 1-Subparagraph (a)(3)-Publisher FASB-URI https://asc.fasb.org/1943274/2147477092/405-40-50-1)Reference 5: [http://www.xbrl.org/2003/role/disclosureRef-Topic 405-SubTopic 40-Name Accounting Standards Codification-Section 50-Paragraph 1-Subparagraph \(a\)\(2\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147477092/405-40-50-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 405-SubTopic 40-Name Accounting Standards Codification-Section 50-Paragraph 1-Subparagraph (a)(2)-Publisher FASB-URI https://asc.fasb.org/1943274/2147477092/405-40-50-1)Reference 6: [http://www.xbrl.org/2003/role/disclosureRef-Topic 405-SubTopic 40-Name Accounting Standards Codification-Section 50-Paragraph 1-Subparagraph \(a\)\(1\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147477092/405-40-50-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 405-SubTopic 40-Name Accounting Standards Codification-Section 50-Paragraph 1-Subparagraph (a)(1)-Publisher FASB-URI https://asc.fasb.org/1943274/2147477092/405-40-50-1)Reference 7: [http://www.xbrl.org/2003/role/disclosureRef-Topic 405-SubTopic 40-Name Accounting Standards Codification-Section 50-Paragraph 1-Subparagraph \(a\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147477092/405-40-50-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 405-SubTopic 40-Name Accounting Standards Codification-Section 50-Paragraph 1-Subparagraph (a)-Publisher FASB-URI https://asc.fasb.org/1943274/2147477092/405-40-50-1)Reference 8: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 1B-Subparagraph \(h\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481139/470-20-50-1B](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 1B-Subparagraph (h)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481139/470-20-50-1B)Reference 9: [http://www.xbrl.org/2003/role/disclosureRef-Topic 235-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.4-08\(c\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 235-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.4-08(c))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1)Reference 10: <http://fasb.org/us-gaap/role/ref/legacyRef-Topic 470-Name Accounting Standards Codification-Publisher FASB-URI https://asc.fasb.org/470/tableOfContent>Reference 11: <http://www.xbrl.org/2003/role/disclosureRef-Topic 835-SubTopic 30-Name Accounting Standards Codification-Section 45-Paragraph 2-Publisher FASB-URI https://asc.fasb.org/1943274/2147482925/835-30-45-2>Reference 12: <http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 1B-Publisher FASB-URI https://asc.fasb.org/1943274/2147481139/470-20-50-1B>Reference 13: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 1B-Subparagraph \(g\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481139/470-20-50-1B](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 1B-Subparagraph (g)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481139/470-20-50-1B)Reference 14: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 1B-Subparagraph \(i\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481139/470-20-50-1B](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 1B-Subparagraph (i)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481139/470-20-50-1B)Reference 15: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 1C-Subparagraph \(a\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481139/470-20-50-1C](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 1C-Subparagraph (a)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481139/470-20-50-1C)Reference 16: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 1C-Subparagraph \(b\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481139/470-20-50-1C](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 1C-Subparagraph (b)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481139/470-20-50-1C)Reference 17: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 1C-Subparagraph \(c\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481139/470-20-50-1C](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 1C-Subparagraph (c)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481139/470-20-50-1C)Reference 18: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 1E-Subparagraph \(b\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481139/470-20-50-1E](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 1E-Subparagraph (b)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481139/470-20-50-1E)Reference 19: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 1I-Subparagraph \(a\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481139/470-20-50-1I](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 1I-Subparagraph (a)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481139/470-20-50-1I)Reference 20: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 1I-Subparagraph \(b\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481139/470-20-50-1I](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 1I-Subparagraph (b)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481139/470-20-50-1I)Reference 21: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 1I-Subparagraph \(d\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481139/470-20-50-1I](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 1I-Subparagraph (d)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481139/470-20-50-1I) + Details Name: us-gaap_DebtDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NotesPayableAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 30 R19.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Accounts Payable 6 Months Ended Jun. 30, 2024 Accounts Payable [Abstract] Â ACCOUNTS PAYABLE NOTE 12 â€ ACCOUNTS PAYABLE Â Accounts payable are summarized as follow:Â Â Â Â As ofÂ Â Â June 30, 2024Â Â DecemberÂ 31, 2023Â Procurement of MaterialsÂ \$24,421,350Â Â \$25,011,515Â Infrastructure& EquipmentÂ Â 233,445Â Â Â 43,530Â Freight feeÂ Â 138,378Â Â Â 217,483Â TotalÂ \$24,793,173Â Â \$25,272,528Â X - DefinitionThe entire disclosure for accounts payable and accrued liabilities at the end of the reporting period. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(20\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(20))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(24\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(24))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 3: <http://www.xbrl.org/2009/role/commonPracticeRef-Topic 720-SubTopic 30-Name Accounting Standards Codification-Section 45-Paragraph 1-Publisher FASB-URI https://asc.fasb.org/1943274/2147483384/720-30-45-1>Reference 4: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(19\)\(a\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(19)(a))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1) + Details Name: us-gaap_AccountsPayableAndAccruedLiabilitiesDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_AccountsPayableCurrentAndNoncurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 31 R20.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Short Term Bank Loans 6 Months Ended Jun. 30, 2024 Short Term Bank Loans [Abstract] Â SHORT TERM BANK LOANS NOTE 13 â€ SHORT TERM BANK LOANS Â Short-term loans are summarized as follow:Â Â Â Â As ofÂ Â Â June 30, 2024Â Â DecemberÂ 31, 2023Â Collateralized bank loansÂ \$Â Â Â Â \$2,760,602Â Unsecured bank loansÂ Â -Â Â Â \$281,694Â TotalÂ \$-Â Â \$3,042,296Â Â Short-term loans as of December 31, 2023 are as follow:Â Maturity DateÂ TypeÂ Bank NameÂ Interest Rate per AnnumÂ (%)Â Â DecemberÂ 31, 2023Â July 22, 2024Â Operating LoansÂ Bank of ZheshangÂ Â 3.60Â Â \$1,352,132Â July 25, 2024Â Operating LoansÂ Bank of HangzhouÂ Â 3.55Â Â Â 1,408,470Â February 22, 2024Â Operating LoansÂ Industrial and Commercial Bank of XinchangÂ Â 3.45Â Â \$281,694Â TotalÂ Â Â Â Â \$3,042,296Â Â All short-term bank loans were obtained from local banks in the PRC and are repayable within one year. Â On June 27, 2022, Zhejiang Zhongchai signed a Maximum Amount Pledge Contract with Bank of Communications Co. LTD., pledging its land use rights and property ownership as security, for a loan facility with a maximum principal amount of US\$8.28 million (RMB60.01 million) during the period from June 27, 2022 to June 26, 2027. Â The average annual interest rate of the short-term bank loans was 3.122% and 3.805% for the six months ended June 30, 2024 and 2023, respectively. The Company was in compliance with its loan financial covenants as of June 30, 2024 and December 31, 2023, respectively. Â X - ReferencesNo definition available. + Details Name: us-gaap_DebtDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for short-term debt. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef-Topic 470-Name Accounting Standards Codification-Publisher FASB-URI https://asc.fasb.org/470/tableOfContent> + Details Name: us-gaap_ShortTermDebtTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 32 R21.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Other Current Liabilities 6 Months Ended Jun. 30, 2024 Other Current Liabilities [Abstract] Â OTHER CURRENT LIABILITIES NOTE 14 â€ OTHER CURRENT LIABILITIES Â Other current liabilities are summarized as follow:Â Â Â Â As ofÂ Â Â June 30, 2024Â Â DecemberÂ 31, 2023Â Employee payablesÂ Â 111,858Â Â Â 807,615Â Other tax payablesÂ Â 262,458Â Â Â 507,464Â Other payableÂ Â 108,624Â Â Â 115,443Â Accrued expensesÂ Â 1,548,415Â Â Â 660,985Â TotalÂ \$2,031,355Â Â \$2,091,507Â X - ReferencesNo definition available. + Details Name: us-gaap_OtherLiabilitiesCurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for other liabilities. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(20\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(20))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(24\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(24))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)

<https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 405 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/405/tableOfContent + Details Name: us-gaap_OtherLiabilitiesDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 33 R22.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Deferred Revenue 6 Months Ended Jun. 30, 2024 Deferred Revenue [Abstract] Â DEFERRED REVENUE NOTE 15 â€“ DEFERRED REVENUE Â Deferred revenue is summarized as follow: Â Â Â As ofÂ Â June 30, 2024Â Â DecemberÂ 31, 2023Â SubsidyÂ Â 1,381,686Â Â Â 1,529,831Â TotalÂ \$1,381,686Â Â \$1,529,831Â Â Subsidy mainly consists of an incentive granted by the Chinese government to encourage transformation of fixed assets in China and other miscellaneous subsidy from the Chinese government.Â As of June 30, 2024, grant income decreased by \$0.15 million, as compared to December 31, 2023. The change was mainly due to timing of incurring qualifying expenses. X - ReferencesNo definition available. + Details Name: us-gaap_RevenueFromContractWithCustomerAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure of revenue from contract with customer to transfer good or service and to transfer nonfinancial asset. Includes, but is not limited to, disaggregation of revenue, credit loss recognized from contract with customer, judgment and change in judgment related to contract with customer, and asset recognized from cost incurred to obtain or fulfill contract with customer. Excludes insurance and lease contracts. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-9>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-10>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-15>Reference 4: [http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12](http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12)Reference 5: [http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12](http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12)Reference 6: [http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12](http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12)Reference 7: [http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph \(d\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12](http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12)Reference 8: [http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph \(e\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12](http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12)Reference 9: [http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph \(b\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-13](http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-13)Reference 10: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Subparagraph \(f\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480237/815-40-50-5](http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480237/815-40-50-5)Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5C -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-5C](http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5C -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-5C)Reference 3:

warrants sold as part of the units in the Company’s initial public offering, or the Public Warrants (together with the Private Warrants (as defined below), the “Warrants”) may only be exercised for a whole number of shares. No fractional shares will be issued upon exercise of the Public Warrants. The Public Warrants have been exercisable since October 24, 2019. No Public Warrants will be exercisable for cash unless the Company has an effective and current registration statement covering the ordinary shares issuable upon exercise of the Public Warrants and a current prospectus relating to such ordinary shares. Notwithstanding the foregoing, if a registration statement covering the ordinary shares issuable upon the exercise of the Public Warrants is not effective within 90 days from the consummation of a Business Combination, the holders may, until such time as there is an effective registration statement and during any period when the Company shall have failed to maintain an effective registration statement, exercise the Public Warrants on a cashless basis pursuant to an available exemption from registration under the Securities Act of 1933, as amended. If an exemption from registration is not available, holders will not be able to exercise their Public Warrants on a cashless basis. The Public Warrants will expire five years from the consummation of a Business Combination or earlier upon redemption or liquidation. The Company may call the warrants for redemption (excluding the Private Warrants (as defined below)), in whole and not in part, at a price of \$0.01 per warrant. At — At any time while the Public Warrants are exercisable, Upon not less than 30 days’ prior written notice of redemption to each Public Warrant holder, If, and only if, the reported last sale price of the ordinary shares equals or exceeds \$16.50 per share, for any 20 trading days within a 30 trading day period ending on the third trading day prior to the notice of redemption to Public Warrant holders, and If, and only if, there is a current registration statement in effect with respect to the ordinary shares underlying such warrants at the time of redemption and for the entire 30-day trading period referred to above and continuing each day thereafter until the date of redemption. If the Company calls the Public Warrants for redemption, management will have the option to require all holders that wish to exercise the Public Warrants to do so on a “cashless basis,” as described in the warrant agreement. The exercise price and number of ordinary shares issuable upon exercise of the warrants may be adjusted in certain circumstances including in the event of a stock dividend, extraordinary dividend or recapitalization, reorganization, merger or consolidation. However, the warrants will not be adjusted for issuances of ordinary shares at a price below its exercise price. Additionally, in no event will the Company be required to net cash settle the warrants. Accordingly, the warrants may expire worthless. Private warrants include (i) the 282,000 warrants underlying the units issued to Greenland Asset Management Corporation (the “Sponsor”) and Chardan Capital Markets, LLC (“Chardan”) in a private placement in connection with our initial public offering (“Private Unit Warrants”), and (ii) 120,000 warrants held by Chardan upon the exercise of its unit purchase option to purchase 120,000 units in March 2021 (“Option Warrants,” together with Private Unit Warrants, the “Private Warrants”). The Private Warrants are identical to the Public Warrants underlying the units sold in the Initial Public Offering, except that the Private Warrants and the ordinary shares issuable upon the exercise of the Private Warrants are not transferable, assignable or saleable until 30 days after the completion of a Business Combination, subject to certain limited exceptions. Additionally, the Private Warrants are exercisable on a cashless basis and are non-redeemable so long as they are held by the initial purchasers or their permitted transferees. If the Private Warrants are held by someone other than the initial purchasers or their permitted transferees, the Private Warrants will be redeemable by the Company and exercisable by such holders on the same basis as the Public Warrants. On July 25, 2022, the Company issued to an investor a warrant to purchase up to 4,530,000 ordinary shares at an exercise price of \$4.49 per share. The warrant became exercisable on January 27, 2023 and will expire on January 26, 2028. As of June 30, 2024, there were a total of 4,705,312 Warrants outstanding, including 4,303,312 Public Warrants held by CEDE & CO, and 142,000 and 260,000 Private Warrants held by Chardan and the Sponsor, respectively. Unit Purchase Option On July 27, 2018, the Company sold to Chardan (and its designees), for \$100, an option to purchase up to 240,000 units exercisable at \$11.50 per unit (or an aggregate exercise price of \$2,760,000), commencing on the consummation of the Business Combination. The unit purchase option may be exercised for cash or on a cashless basis, at the holder’s option, and expired on July 24, 2023. The units issuable upon exercise of the option are identical to those offered in the initial public offering. The Company accounted for the unit purchase option, inclusive of the receipt of \$100 cash payment, as an expense of the initial public offering resulting in a charge directly to shareholders’ equity. The option and such units purchased pursuant to the option, as well as the ordinary shares underlying such units, the rights included in such units, the ordinary shares that are issuable for the rights included in such units, the warrants included in such units, and the shares underlying such warrants, have been deemed compensation by FINRA and are therefore subject to a 180-day lock-up pursuant to Rule 5110(g) (1) of FINRA’s Nasdaq Conduct Rules. Additionally, the option may not be sold, transferred, assigned, pledged or hypothecated for a one-year period (including the foregoing 180-day period) following the date of initial public offering except to any underwriter and selected dealer participating in the initial public offering and their bona fide officers or partners. The option grants to holders demand and “piggy back” rights for periods of five and seven years, respectively, from the effective date of the registration statement with respect to the registration under the Securities Act of 1933, as amended, of the securities directly and indirectly issuable upon exercise of the option. The Company will bear all fees and expenses attendant to registering the securities, other than underwriting commissions which will be paid for by the holders themselves. The exercise price and number of units issuable upon exercise of the option may be adjusted in certain circumstances including in the event of a stock dividend, or the Company’s recapitalization, reorganization, merger or consolidation. However, the option will not be adjusted for issuances of ordinary shares at a price below its exercise price. As of June 30, 2024, the unit purchase option had expired and no unit purchase option exercisable by Chardan is outstanding. X - ReferencesNo definition available. + Details Name: us-gaap_EquityAbstract Namespace Prefix: us-gaap_ Data Type: xbrl:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for equity. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(b\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (b)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13)Reference 2: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(h\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (h)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13)Reference 3: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 14-Subparagraph \(b\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-14](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 14-Subparagraph (b)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-14)Reference 4: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 235-Name Accounting Standards Codification-Section 50-Paragraph 2-Subparagraph \(a\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147477968/946-235-50-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 235-Name Accounting Standards Codification-Section 50-Paragraph 2-Subparagraph (a)-Publisher FASB-URI https://asc.fasb.org/1943274/2147477968/946-235-50-2)Reference 5: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 235-Name Accounting Standards Codification-Section 50-Paragraph 2-Subparagraph \(d\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147477968/946-235-50-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 235-Name Accounting Standards Codification-Section 50-Paragraph 2-Subparagraph (d)-Publisher FASB-URI https://asc.fasb.org/1943274/2147477968/946-235-50-2)Reference 6: <http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 505-Name Accounting Standards Codification-Section 50-Paragraph 6-Publisher FASB-URI https://asc.fasb.org/1943274/2147478448/946-505-50-6>Reference 7: [http://www.xbrl.org/2003/role/disclosureRef-Topic 815-SubTopic 40-Name Accounting Standards Codification-Section 50-Paragraph 6-Subparagraph \(a\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480237/815-40-50-6](http://www.xbrl.org/2003/role/disclosureRef-Topic 815-SubTopic 40-Name Accounting Standards Codification-Section 50-Paragraph 6-Subparagraph (a)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480237/815-40-50-6)Reference 8: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.3-04\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.3-04)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1)Reference 9: [http://www.xbrl.org/2003/role/disclosureRef-Topic 235-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.4-08\(e\)\(1\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 235-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.4-08(e)(1))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1)Reference 10: <http://fasb.org/us-gaap/role/ref/legacyRef-Topic 505-Name Accounting Standards Codification-Publisher FASB-URI https://asc.fasb.org/505/tableOfContent>Reference 11: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(g\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (g)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13)Reference 12: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(i\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (i)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13)Reference 14: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 14-Subparagraph \(a\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-14](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 14-Subparagraph (a)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-14)Reference 15: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 14-Subparagraph \(c\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-14](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 14-Subparagraph (c)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-14)Reference 16: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 16-Subparagraph \(b\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-16](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 16-Subparagraph (b)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-16)Reference 17: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 18-Subparagraph \(a\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-18](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 18-Subparagraph (a)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-18)Reference 18: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 18-Subparagraph \(b\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-18](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 18-Subparagraph (b)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-18)Reference 19: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 18-Subparagraph \(d\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-18](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 18-Subparagraph (d)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-18) + Details Name: us-gaap_StockholdersEquityNoteDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 37 R26.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Earnings Per Share 6 Months Ended Jun. 30, 2024 Earnings Per Share [Abstract] EARNINGS PER SHARE NOTE 19 “ EARNINGS PER SHARE The Company reports earnings per share in accordance with the provisions of the FASB’s related accounting standard. This standard requires presentation of basic and diluted earnings per share in conjunction with the disclosure of the methodology used in computing such earnings per share. Basic earnings per share excludes dilution, but includes vested restricted stocks and is computed by dividing income available to shareholders by the weighted average ordinary shares outstanding during the period. Diluted earnings per share takes into account the potential dilution that could occur if securities or other contracts to issue ordinary shares were exercised and converted

to ordinary shares.Â The following is a reconciliation of the basic and diluted earnings per share computation:Â Â Â For the three months ended June 30,Â Â Â For the six months ended June 30,Â Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â Net income attributable to the Greenland Technologies Holding Corporation and subsidiariesÂ \$4,650,910Â Â \$2,399,138Â Â \$7,153,113Â Â \$3,846,113Â Weighted average basic and diluted computation shares outstanding:Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Weighted average shares used in basic computationÂ Â 13,594,530Â Â 12,978,504Â Â 13,594,530Â Â 12,978,504Â Diluted effect of stock options and warrantsÂ Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Weighted average shares used in diluted computationÂ Â 13,594,530Â Â 12,978,504Â Â 13,594,530Â Â 12,978,504Â Basic and diluted net income per shareÂ \$0.34Â Â \$0.18Â Â Â 0.53Â Â Â 0.30Â Â Â For the six months ended June 30, 2024 and 2023, 4,530,000 shares underlying outstanding warrants to an investor were excluded from the calculation of diluted loss per share as the warrants were anti-dilutive. The exercise price of the warrants is higher than the average price of ordinary shares during the periods, so the warrants is ðœout-of-the-moneyðŸ and result in an anti-dilutive effect on earnings per share. X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for earnings per share. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/260/tableOfContentReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-3 + Details Name: us-gaap_EarningsPerShareTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 38 R27.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Geographical Sales and Segments 6 Months Ended Jun. 30, 2024 Geographical Sales and Segments [Abstract] Â GEOGRAPHICAL SALES AND SEGMENTS NOTE 20 Âœ GEOGRAPHICAL SALES AND SEGMENTS Â All of the Companyâ€™s operations are considered by the chief operating decision maker to be aggregated in one reportable operating segment. Â Information for the Companyâ€™s sales by geographical area for the three and six months ended June 30, 2024 and 2023 are as follows: Â Â Â For the three months ended June 30,Â Â Â For the six months ended June 30,Â Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â Domestic SalesÂ \$21,528,513Â Â \$23,145,468Â Â \$44,052,573Â Â \$45,274,690Â International SalesÂ Â 1,488,747Â Â Â 423,981Â Â Â 1,688,278Â Â Â 444,119Â TotalÂ \$23,017,260Â Â \$23,569,449Â Â \$45,740,851Â Â \$45,718,809Â X - DefinitionThe entire disclosure for reporting segments including data and tables. Reportable segments include those that meet any of the following quantitative thresholds a) it's reported revenue, including sales to external customers and intersegment sales or transfers is 10 percent or more of the combined revenue, internal and external, of all operating segments b) the absolute amount of its reported profit or loss is 10 percent or more of the greater, in absolute amount of 1) the combined reported profit of all operating segments that did not report a loss or 2) the combined reported loss of all operating segments that did report a loss c) its assets are 10 percent or more of the combined assets of all operating segments. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 54 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-54Reference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 47 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-47Reference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 54 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-54Reference 9: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 47 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-47Reference 10: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 54 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-54Reference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 47 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-47Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 34 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-34Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 26C -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-26CReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 26B -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-26BReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-15Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/280/tableOfContentReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 26 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-26Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 21 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-21Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 21 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-21Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32 + Details Name: us-gaap_SegmentReportingDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_SegmentsGeographicalAreasAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 39 R28.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Income Taxes 6 Months Ended Jun. 30, 2024 Income Taxes [Abstract] Â INCOME TAXES NOTE 21 Âœ INCOME TAXES Â Income tax expense includes a provision for federal, state and foreign taxes based on the annual estimated effective tax rate applicable to the Company and its subsidiaries, adjusted for items which are considered discrete to the period. Â The effective tax rates on income before income taxes for the six months ended June 30, 2024 was 4.98%. The effective tax rate for the six months ended June 30, 2024 was lower than the PRC tax rate of 25.0% primarily due to the China Super R&D deduction. Â The effective tax rates on income before income taxes for the six months ended June 30, 2

<https://asc.fasb.org/1943274/2147479360/740-10-S99-1>Reference 7: <http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-13>Reference 8: [http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.4-08\(h\)\(2\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1)Reference 9: <http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/740/tableOfContentReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-14>Reference 11: <http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 21 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-21>Reference 12: [http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 17 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-17](http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 17 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-17)Reference 13: [http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph \(SAB Topic 11.C\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 11.C) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-2)Reference 14: [http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482603/740-30-50-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482603/740-30-50-2) + Details Name: us-gaap IncomeTaxDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 40 R29.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Commitments and Contingencies 6 Months Ended Jun. 30, 2024 Commitments and Contingencies [Abstract] **COMMITMENTS AND CONTINGENCIES NOTE 22** **“COMMITMENTS AND CONTINGENCIES** **À** **Guarantees and pledged collateral for bank loans to other parties:À** **À** **Pledged collateral for bank loans** **À** **On June 27, 2022, Zhejiang Zhongchai signed a Maximum Amount Pledge Contract with Bank of Communications Co. LTD., pledging its land use rights and property ownership as security, for a loan facility with a maximum principal amount of US\$8.28 million (RMB60.01 million) during the period from June 27, 2022 to June 26, 2027. As of June 30, 2024 and December 31, 2023, the outstanding amount of the short-term bank loan under this pledge contract was nil.À** **Facility LeasesÀ** **À** **The Company has leased premises for its assembly site under non-cancellable operating leases since June 2022. See further discussion in NOTE 16** **“LEASES. À** **Rent expense is recognized on a straight-line basis over the terms of the operating leases accordingly and the Company records the difference between cash rent payments and the recognition of rent expense as a deferred rent liability.À** **À** **The following are the aggregate non-cancellable future minimum lease payments under operating and financing leases as of June 30, 2024:À** **À** **For the years ending June 30,À** **Operating LeasesÀ** **2025À** **\$34,460À** **Total lease paymentsÀ** **\$34,460À** **X - ReferencesNo definition available. + Details Name: us-gaap CommitmentsAndContingenciesDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for commitments and contingencies. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 405 -SubTopic 30 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/405-30/tableOfContentReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482648/440-10-50-4**Reference 3: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/450/tableOfContentReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 954 -SubTopic 440 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478522/954-440-50-1](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/450/tableOfContentReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 954 -SubTopic 440 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478522/954-440-50-1)Reference 5: [http://www.xbrl.org/2003/role/disclosureRef -Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482648/440-10-50-4](http://www.xbrl.org/2003/role/disclosureRef -Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482648/440-10-50-4)Reference 6: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-5](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 440 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/440/tableOfContent + Details Name: us-gaap CommitmentsAndContingenciesDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 41 R30.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Related Party Transactions 6 Months Ended Jun. 30, 2024 Related Party Transactions [Abstract] À RELATED PARTY TRANSACTIONS NOTE 23 “RELATED PARTY TRANSACTIONS À (a) Names and Relationship of Related Parties:À À Existing Relationship with the Company Cenntro Holding Limited À Controlling shareholder of the Company Cenntro Smart Manufacturing Tech. Co., Ltd. À Under common control of Peter Zuguang Wang Zhuhai Hengzhong Industrial Investment Fund (Limited Partnership) À Under common control of Peter Zuguang Wang Peter Zuguang Wang À Chairman of the Board of Directors of the Company À (b) Summary of Balances with Related Parties:À À À As ofÀ À À June 30, 2024À À December À 31, 2023À Due to related parties:À À À À À Cenntro Smart Manufacturing Tech. Co., Ltd.1À $2,546À À $2,606À Zhuhai Hengzhong Industrial Investment Fund (Limited Partnership)2À À 94,442À À 94,442À Cenntro Holding Limited3À À 1,341,627À À 1,341,627À Peter Zuguang Wang4À À 2,392,961À À 2,392,961À Total $3,831,576À À $3,831,636À À All balances of due to related parties as of June 30, 2024 and December 31, 2023 were unsecured, interest-free and had no fixed terms of repayments. À The balance of due to related parties as of June 30, 2024 and December 31, 2023 consisted of: À 1 Employee wages paid by Cenntro Smart Manufacturing Tech. Co., Ltd. on the Company’s behalf; À 2 Temporary borrowings from Zhuhai Hengzhong Industrial Investment Fund (Limited Partnership); À 3 Total dividend payment of $7.6 million declared by Zhongchai Holding to Cenntro Holding Limited. As of December 31, 2019, the balance was $1.34 million, and no further payments had been made since then; À 4 Payable to Peter Zuguang Wang for capital reduction due to the dissolution of Shanghai Hengyu Business Management Consulting Co., Ltd. on July 10, 2023. À À À À À À June 30,À À December À 31,À À 2024À À 2023À Due from related parties-current, net:À À À À À Zhuhai Hengzhong Industrial Investment Fund (Limited Partnership)À À 228,311À À 225,927À Total $228,311À À $225,927À À The balance of due from related parties as of June 30, 2024 and December 31, 2023 consisted of: À Other receivable from Zhuhai Hengzhong Industrial Investment Fund (Limited Partnership) was $0.23 million and $0.23 million as of June 30, 2024 and December 31, 2023, respectively. It’s a loan with annual interest rate of 4.785%. À (c) Summary of Related Party dividend payment: À A summary of dividend payment declared by Zhejiang Zhongchai to related parties for the six months ended June 30, 2024 and 2023 are listed below: À À À For the six months ended June 30, À À À 2024 À À 2023 À Dividend payment to related parties: À À À À À Xinchang County Jiuxin Investment Management Partnership (LP) À À À À À 208,524 À Xinchang County Jiuhe Investment Management Partnership (LP) À À À À 495,071 À X - ReferencesNo definition available. + Details Name: us-gaap RelatedPartyTransactionsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for related party transactions. Examples of related party transactions include transactions between (a) a parent company and its subsidiary; (b) subsidiaries of a common parent; (c) and entity and its principal owners; and (d) affiliates. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-2Reference 2: <a href=)Reference 3: <http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-6>Reference 4: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477968/946-235-50-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477968/946-235-50-2)Reference 5: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(e\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477968/946-235-50-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477968/946-235-50-2)Reference 6: [http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(d\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-1)Reference 7: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.6-07\(2\)\(g\)\(3\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(g)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1)Reference 8: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.6-07\(2\)\(c\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1)Reference 9: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.6-07\(2\)\(e\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(e)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1)Reference 10: <http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/850/tableOfContentReference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-6>Reference 12: [http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-1) + Details Name: us-gaap RelatedPartyTransactionsDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 42 R31.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Subsequent Events 6 Months Ended Jun. 30, 2024 Subsequent Events [Abstract] **À** **SUBSEQUENT EVENTS NOTE 24** **“SUBSEQUENT EVENTS** **À** **Management has evaluated subsequent events through the date that the financial statements were available to be issued, which is August 14, 2024. All subsequent events requiring recognition as of June 30, 2024 have been incorporated into these financial statements and there are no other subsequent events that require disclosure in accordance with FASB ASC Topic 855. X - ReferencesNo definition available. + Details Name: us-gaap SubsequentEventsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for significant events or transactions that occurred after the balance sheet date through the date the financial statements were issued or the date the financial statements were available to be issued. Examples include: the sale of a capital stock issue, purchase of a business, settlement of litigation, catastrophic loss, significant foreign exchange rate**

changes, loans to insiders or affiliates, and transactions not in the ordinary course of business. + ReferencesReference 1:

in the United States of America (â€œU.S. GAAPâ€) for information pursuant to the rules and regulations of the U.S. Securities and Exchange Commission. Principles of Consolidation Principles of ConsolidationThe unaudited consolidated financial statements are prepared in accordance with accounting principles generally accepted in the United States of America (â€œUS GAAPâ€). The unaudited consolidated financial statements include the financial statements of the Company and its subsidiaries, which include Hong Kong-registered entities and PRC-registered entities directly or indirectly owned by the Company. All transactions and balances among the Company and its subsidiaries have been eliminated upon consolidation. The results of subsidiaries acquired or disposed of are recorded in the consolidated income statements from the effective date of acquisition or up to the effective date of disposal, as appropriate. A subsidiary is an entity in which (i) the Company directly or indirectly controls more than 50% of the voting power; or (ii) the Company has the power to appoint or remove the majority of the members of the board of directors or to cast a majority of votes at the meetings of the board of directors or to govern the financial and operating policies of the investee pursuant to a statute or under an agreement among the shareholders or equity holders. Use of Estimates Use of EstimatesThe preparation of the consolidated financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the consolidated financial statements and the reported amounts of revenues and expenses during the reporting periods. Management makes these estimates using the best information available at the time the estimates are made. Actual results could differ from those estimates. Significant estimates in the six months ended June 30, 2024 and 2023 include allowance for expected credit losses, reserve for inventories, fair value of warrant liability, useful life of property, plant and equipment, assumptions used in assessing impairment of long-term assets, estimates used in accounting for leases in accordance with FASB ASC 842, Leases and valuation of deferred tax assets and accruals for taxes due. Non-controlling Interest Non-controlling InterestNon-controlling interests in the Companyâ€™s subsidiaries are recorded in accordance with the provisions of Financial Accounting Standards Board (â€œFASBâ€) Accounting Standards Codification 810 Consolidation (â€œASC 810â€) and are reported as a component of equity, separate from the parentâ€™s equity. Purchase or sale of equity interests that do not result in a change of control are accounted for as equity transactions. Results of operations attributable to the non-controlling interest are included in our consolidated results of operations and, upon loss of control, the interest sold, as well as interest retained, if any, will be reported at fair value with any gain or loss recognized in earnings. Foreign Currency Translation Foreign Currency TranslationSince the Company operates primarily in the PRC, the Companyâ€™s functional currency is the Renminbi (â€œRMBâ€). The Companyâ€™s financial statements have been translated into the reporting currency of the United States Dollar (â€œUSDâ€, â€œUS\$â€ or â€œ\$â€). Assets and liabilities of the Company are translated at the exchange rate at each reporting period end date. Equity is translated at the historical exchange rate when the transaction occurs. Income and expense accounts are translated at the average rate of exchange during the reporting period. The resulting translation adjustments are reported under other comprehensive income (loss). Gains and losses resulting from the translation of foreign currency transactions and balances are reflected in the results of operations. As of June 30, 2024 and December 31, 2023, Period end RMB: US\$ exchange rate 7.2672 and 7.0999. For the six months ended June 30, 2024 and 2023, Period average RMB: US\$ exchange rate 7.2150 and 6.8423. The RMB is not freely convertible into foreign currency and all foreign exchange transactions must take place through authorized institutions. The PRC government imposes significant exchange restrictions on fund transfers out of the PRC that are not related to business operations. Cash and Cash Equivalents Cash and Cash EquivalentsFor financial reporting purposes, the Company considers all highly liquid investments purchased with an original maturity of three months or less to be cash equivalents. The Company maintains its bank accounts with various financial institutions primarily in mainland China and the U.S. The Company has not experienced any losses in bank accounts. Restricted Cash Restricted CashRestricted cash represents amounts held by a bank as security for bank acceptance bills, as well as the financial product secured for the short-term bank loan and therefore is not available for the Companyâ€™s use until such time as the bank acceptance notes and bank loans have been fulfilled or expired, normally within a twelve-month period. Fair Value of Financial Instruments Fair Value of Financial InstrumentsThe Company applies the provisions of ASC 820, Fair Value Measurements and Disclosures, to the financial instruments that are required to be carried at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants at the measurement date. The Company uses a three-tier fair value hierarchy based upon observable and non-observable inputs that prioritizes the information used to develop our assumptions regarding fair value. Fair value measurements are separately disclosed by level within the fair value hierarchy. Level 1 defined as observable inputs such as quoted prices in active markets for identical assets or liabilities; Level 2 defined as inputs other than quoted prices in active markets, that are either directly or indirectly observable; and Level 3 defined as unobservable inputs in which little or no market data exists, therefore requiring an entity to develop its own assumptions. The Companyâ€™s financial assets and liabilities, which include financial instruments as defined by FASB ASC 820, include cash, cash equivalents and restricted cash, short term investment, accounts receivable, notes receivables, due from related party, fixed deposit, short term bank loans, accounts payable, other payable, notes payable and warrant liability. As of June 30, 2024 and December 31, 2023, the carrying amounts of cash and cash equivalents, restricted cash, accounts receivable, notes receivables, notes payables and accounts payable were approximation of their fair value due to the short-term nature. As of June 30, 2024 and December 31, 2023, fixed deposits and bank loans were measured at amortized cost. The following table summarizes the fair value measurements of assets and liabilities that are measured at fair value on a recurring basis as of June 30, 2024: (amount in absolute value) Active Market for Identical Assets (Level 1) Observable Inputs (Level 2) Unobservable Inputs (Level 3) Total Carrying Value Short term investment \$5,504,183 - - \$5,504,183 Warrants liability - - 1,180,281 - 1,180,281 Total \$5,504,183 - 1,180,281 - \$6,684,464 Accounts Receivable and Allowance for Expected Credit Losses Accounts Receivable and Allowance for Expected Credit LossesAccounts receivable are stated at the historical carrying amount net of allowance for expected credit losses. The Company adopted ASU No. 2016-13, Financial Instruments Credit Losses (Topic 326), Measurement of Credit Losses on Financial Instruments on January 1, 2023 using a modified retrospective approach. The Company also adopted this guidance to notes receivable and due from related parties. To estimate expected credit losses, the Company has identified the relevant risk characteristics of its customers and the related receivables. The Company considers the past collection experience, current economic conditions, future economic conditions (external data and macroeconomic factors) and changes in the Companyâ€™s customer collection trends. The allowance for expected credit losses and corresponding receivables were written off when they are determined to be uncollectible. Inventories InventoriesInventories are stated at the lower of cost or net realizable value, which is based on estimated selling prices less any further costs expected to be incurred for completion and disposal. Cost of raw materials is calculated using the weighted average method and is based on purchase cost. Work-in-progress and finished goods costs are determined using the weighted average method and comprise direct materials, direct labor and an appropriate proportion of overhead. Advance to Suppliers Advance to SuppliersAdvance to suppliers represents interest-free cash paid in advance to suppliers for purchases of parts and/or raw materials. The balance of advance to suppliers was \$0.64 million and \$0.29 million as of June 30, 2024 and December 31, 2023, respectively. Property, Plant, and Equipment Property, Plant, and EquipmentProperty, plant, and equipment are stated at cost less accumulated depreciation, and include expenditure that substantially increases the useful lives of existing assets. Expenditures for repairs and maintenance, which do not extend the useful life of the assets, are expensed as incurred. Depreciation is provided over their estimated useful lives, using the straight-line method. Estimated useful lives are as follows: Buildings 20 years Machinery 2-10 years Motor vehicles 4 years Electronic equipment 3-5 years Fixed assets decoration 5 years When assets are sold or retired, their costs and accumulated depreciation are eliminated from the consolidated financial statements and any gain or loss resulting from their disposal is recognized in the period of disposition as an element of other income. The cost of maintenance and repairs is charged to income as incurred, whereas significant renewals and betterments are capitalized. Construction in process Construction in processProperty, plant, and equipment that are purchased or constructed which require a period of time before the assets are ready for their intended use are accounted for as construction-in-progress. Construction-in-progress is recorded at acquisition cost, including installation costs. Construction-in-progress is transferred to specific property and equipment accounts and commences depreciation when these assets are ready for their intended use. Land Use Rights Land Use RightsAccording to the PRC laws, the government owns all the land in the PRC. Companies or individuals are authorized to possess and use the land only through land use rights granted by the Chinese government. The land use rights granted to the Company are being amortized using the straight-line method over the lease term of fifty years. Impairment of Long-Lived Assets Impairment of Long-Lived AssetsLong-lived assets are evaluated for impairment periodically whenever events or changes in circumstances indicate that their related carrying amounts may not be recoverable in accordance with FASB ASC 360, Property, Plant and Equipment. In evaluating long-lived assets for recoverability, the Company uses its best estimate of future cash flows expected to result from the use of the asset and eventual disposition in accordance with FASB ASC 360-10-15. To the extent that estimated future, undiscounted cash inflows attributable to the asset, less estimated future, undiscounted cash outflows, are less than the carrying amount, an impairment loss is recognized in an amount equal to the difference between the carrying value of such asset and its fair value. Assets to be disposed of and for which there is a committed plan of disposal, whether through sale or abandonment, are reported at the lower of carrying value or fair value less costs to sell. There was no impairment loss recognized for the six months ended June 30, 2024 and 2023. Lease LeaseASC 842 supersedes the lease requirements in ASC 840 Leases, and generally requires lessees to recognize operating and finance lease liabilities and corresponding right-of-use assets on the balance sheet and to provide enhanced disclosures surrounding the amount, timing and uncertainty of cash flows arising from leasing arrangements. Leases that transfer substantially all of the benefits and risks incidental to the ownership of assets are accounted for as finance leases as if there was an acquisition of an asset and incurrence of an obligation at the inception of the lease. All other leases are accounted for as operating leases. A sale-leaseback transaction occurs when an entity sells an asset it owns and immediately leases the asset back from the buyer. The seller then becomes the lessee and the buyer becomes the lessor. Under ASC 842, both parties must assess whether the buyer-lessor has obtained control of the asset and a sale has occurred. The Company has leased premises for its assembly site under non-cancellable operating leases since June 2022. Operating lease payments are expensed over the term of lease using straight line method. The Companyâ€™s office leases have a 3-year term and the lease of its assembly site has a 5.5-year term. Usually within

four months prior to the expiration date of a lease, the Company is required to notify the lessor and has a priority to continue renting the lease property if a lessor intends to lease property. The lease itself does not have restrictions or covenants. Any damage, if made by the lessee, to the property and equipment within the property has to been fixed or reimbursed by the lessee. The Company does not have any leases entered into that have not yet commenced. Under the terms of the lease agreements, the Company has no legal or contractual asset retirement obligations at the end of the leases.

Revenue Recognition Revenue Recognition In accordance with ASC Topic 606, "Revenue from Contracts with Customers," the Company recognizes revenues when goods or services are transferred to customers in an amount that reflects the consideration which the Company expects to receive in exchange for those goods or services. In determining when and how revenues are recognized from contracts with customers, the Company performs the following five-step analysis: (i) identification of contract with customer; (ii) determination of performance obligations; (iii) measurement of the transaction price; (iv) allocation of the transaction price to the performance obligations and (v) recognition of revenues when (or as) the Company satisfies each performance obligation. The Company derives revenues from the processing, distribution and sale of its products. The Company recognizes its revenues net of value-added taxes ("VAT"). The Company is subject to VAT which had been levied at the rate of 17% on the invoiced value of sales until April 30, 2018, after which date the rate was reduced to 16%. VAT rate was further reduced to 13% starting from April 1, 2019. Output VAT is borne by customers in addition to the invoiced value of sales and input VAT is borne by the Company in addition to the invoiced value of purchases to the extent not refunded for export sales. Revenues are recognized at a point in time once the Company has determined that the customer has obtained control over the product. Control is typically deemed to have been transferred to the customer when the performance obligation is fulfilled, usually at the time of customers' acceptance or consumption, at the net sales price (transaction price) and each of the criteria under ASC 606 have been met. Contract terms may require the Company to deliver the finished goods to the customers' location or the customer may pick up the finished goods at the Company's factory. International sales are recognized when shipment clears customs and leaves the port. Payments due within two months after customers' acceptance or consumption. The Company adopted ASC 606 on January 1, 2018, using the transition method of Modified-Retrospective Method ("MRM"). The adoption of ASC 606 had no impact on the Company's beginning balance of retained earnings. The Company's contracts are all short-term in nature with a contract term of one year or less. Receivables are recorded when the Company has an unconditional right to consideration. Contracts do not offer any price protection but allow for the return of certain goods if there is a quality problem, which is standard warranty. The Company's product returns and recorded reserve for sales returns were minimal for the six months ended June 30, 2024 and 2023. The total sales return amount accounted for around 0.04% and 0.05% of the total revenue of Greenland for the six months ended June 30, 2024 and 2023, respectively. The total warrants expenditures amount accounted for around 0.46% and 0.23% of the total revenue of Greenland for the six months ended June 30, 2024 and 2023, respectively. The following table sets forth disaggregation of revenue:

For the three months ended June 30, 2024	For the six months ended June 30, 2024	Major Products	2024	2023	Transmission boxes for Forklift	2024	2023
\$21,035,937	\$22,657,220	\$42,810,331	\$43,525,959	Transmission boxes for Non-Forklift (EV, etc.)	1,981,323	912,229	2,930,520
\$2,192,850	Total	\$23,017,260	\$23,569,449	\$45,740,851	\$45,718,809	Cost of Goods Sold	Cost of Goods Sold

Cost of goods sold consists primarily of material costs, freight charges, purchasing and receiving costs, inspection costs, internal transfer costs, wages, employee compensation, amortization, depreciation and related costs, which are directly attributable to the production of products. Write-down of inventory to lower of cost or net realizable value is also recorded in cost of goods sold. Selling Expenses Selling Expenses Selling expenses include operating expenses such as payroll and traveling and transportation expenses. General and Administrative Expenses General and Administrative Expenses General and administrative expenses include management and office salaries and employee benefits, depreciation for office facility and office equipment, travel and entertainment, legal and accounting, consulting fees and other office expenses. Research and Development Research and development costs are expensed as incurred and totaled approximately \$1.12 million and \$1.43 million for the three months ended June 30, 2024 and 2023, respectively. Research and development costs are expensed as incurred and totaled approximately \$2.11 million and \$2.55 million for the six months ended June 30, 2024 and 2023, respectively. Research and development costs are incurred on a project specific basis. Government Subsidies Government Subsidies Government subsidies are recognized when there is reasonable assurance that the subsidy will be received and all attaching conditions will be complied with. When the subsidy relates to an expense item, it is recognized as income over the periods necessary to match the subsidy on a systematic basis to the costs that it is intended to compensate. Where the subsidy relates to an asset, it is recognized as other long-term liabilities and is released to the statement of operations over the expected useful life in a consistent manner with the depreciation method for the relevant asset. Total government subsidies recorded in the other long-term liabilities were \$1.38 million and \$1.53 million as of June 30, 2024 and December 31, 2023, respectively. Income Taxes Income Taxes The Company accounts for income taxes following the liability method pursuant to FASB ASC 740 "Income Taxes". Under this method, deferred tax assets and liabilities are determined based on the difference between the financial reporting and tax bases of assets and liabilities using enacted tax rates that will be in effect in the period in which the differences are expected to reverse. The Company records a valuation allowance to offset deferred tax assets if, based on the weight of available evidence, it is more-likely-than-not that some portion, or all, of the deferred tax assets will not be realized. The effect on deferred taxes of a change in tax rate is recognized in income in the period that includes the enactment date. The Company also follows FASB ASC 740, which addresses the determination of whether tax benefits claimed or expected to be claimed on a tax return should be recorded in the financial statements. The Company may recognize the tax benefit from an uncertain tax position only if it is more likely than not that the tax position will be sustained on examination by the taxing authorities, based on the technical merits of the position. The tax benefits recognized in the financial statements from such a position should be measured based on the largest benefit that has a greater than fifty percent likelihood of being realized upon ultimate settlement. ASC 740 also provides guidance on recognition, classification, interest and penalties on income taxes, accounting in interim periods and requires increased disclosures. As of June 30, 2024 and December 31, 2023, the Company did not have a liability for unrecognized tax benefits. It is the Company's policy to include penalties and interest expense related to income taxes as a component of other expense and interest expense, respectively, as necessary. The Company's historical tax years will remain open for examination by the local authorities until the statute of limitations has passed. Value-Added Tax Value-Added Tax Enterprises or individuals, who sell commodities, engage in repair and maintenance or import or export goods in the PRC are subject to a value added tax in accordance with PRC Laws. The VAT standard rate had been 17% of the gross sale price until April 30, 2018, after which date the rate was reduced to 16%. VAT rate was further reduced to 13% starting from April 1, 2019. A credit is available whereby VAT paid on the purchases of semi-finished products or raw materials used in the production of the Company's finished products can be used to offset the VAT due on the sales of the finished products. Statutory Reserve Statutory Reserve In accordance with the PRC Regulations on Enterprises with Foreign Investment, an enterprise established in the PRC with foreign investment is required to provide for certain statutory reserves, namely (i) a General Reserve Fund, (ii) an Enterprise Expansion Fund and (iii) a Staff Welfare and Bonus Fund, which are appropriated from net profit as reported in the enterprise's PRC statutory accounts. A wholly owned foreign enterprise is required to allocate at least 10% of its annual after-tax profit to the General Reserve Fund until the balance of such fund has reached 50% of its respective registered capital. A non-wholly owned foreign invested enterprise is permitted to provide for the above allocation at the discretion of its board of directors. Appropriations to the Enterprise Expansion Fund and Staff Welfare and Bonus Fund are at the discretion of the board of directors for all foreign invested enterprises. The reserves can only be used for specific purposes and are not distributable as cash dividends. Comprehensive Income (Loss) Comprehensive Income (Loss) Comprehensive income (loss) is defined as the change in equity during the year from transactions and other events, excluding the changes resulting from investments by owners and distributions to owners, and is not included in the computation of income tax expense or benefit. Accumulated comprehensive income consists of foreign currency translation. The Company presents comprehensive income (loss) in accordance with ASC Topic 220, "Comprehensive Income". Earnings per share Earnings per share The Company calculates earnings per share in accordance with ASC Topic 260 "Earnings per Share". Basic earnings per share is computed by dividing the net income (loss) attributable to Greenland Technologies Holding Corporation, by the weighted average number of ordinary shares outstanding during the period. Diluted earnings per share is computed similar to basic earnings per share except that the denominator is increased to include the number of additional ordinary shares that would have been outstanding if the potential ordinary shares equivalents had been issued and if the additional ordinary shares were dilutive. Segments and Related Information Segments and Related Information ASC 280 "Segment reporting" establishes standards for reporting information on operating segments in interim and annual financial statements. All of the Company's operations are considered by the chief operating decision maker to be aggregated in one reportable operating segment. The Company is engaged in the business of manufacturing and selling various transmission boxes. The Company's manufacturing process is essentially the same for the entire Company and is performed in-house at the Company's facilities in the PRC. The Company's customers primarily consist of entities in the automotive, construction machinery or warehousing equipment industries. The distribution of the Company's products is consistent across the entire Company. In addition, the economic characteristics of each customer arrangement are similar in that the Company maintains policies at the corporate level. Commitments and contingencies Commitments and contingencies In the normal course of business, the Company is subject to contingencies, including legal proceedings and environmental claims arising out of the normal course of businesses that relate to a wide range of matters, including among others, contracts breach liability. The Company records accruals for such contingencies based upon the assessment of the probability of occurrence and, where determinable, an estimate of the liability. Management may consider many factors in making these assessments including past history, scientific evidence and the specifics of each matter. The Company's management has evaluated all such proceedings and claims that existed as of June 30, 2024 and December 31, 2023. Normal course of businesses that relate to a wide range of matters, including among others, contracts breach liability. The Company records accruals for such contingencies based upon the assessment of the probability of occurrence and, where determinable, an estimate of the liability. Management may consider many factors in making these assessments including past history, scientific evidence and the specifics of each matter. The Company's management has evaluated all such proceedings and claims that existed as of June 30, 2024 and December 31, 2023. Related Party Related Party In general, related parties exist when there is a relationship that offers the potential for transactions at less than arm's-length, favorable treatment, or the ability to influence the outcome of events different from that outcome which

might result in the absence of that relationship. A related party may be any of the following: a) an affiliate, which is a party that directly or indirectly controls, is controlled by, or is under common control with another party; b) a principle owner, owner of record or known beneficial owner of more than 10% of the voting interest of an entity; c) management, which are persons having responsibility for achieving objectives of the entity and requisite authority to make decision; d) immediate family of management or principal owners; e) a parent company and its subsidiaries; f) other parties that have ability to significant influence the management or operating policies of the entity; and g) other parties that can significantly influence the management or operating policies of the transacting parties or that have an ownership interest in one of the transacting parties and can significantly influence the other to an extent that one or more of the transacting parties might be prevented from fully pursuing its or their own separate interests. The Company discloses all significant related party transactions.Â Uncertainty and Risks Uncertainty and RisksPolitical, Social and Economic RisksA significant portion of the Companyâ€™s operations are conducted in the PRC. Accordingly, the Companyâ€™s business, financial condition and results of operations may be influenced by the political, economic and legal environment in the PRC, and by the general state of the PRC economy.The Companyâ€™s operations in the PRC are subject to special considerations and significant risks not typically associated with companies in North America and Western Europe. These include risks associated with, among others, the political, economic and legal environment and foreign currency exchange. The Companyâ€™s results may be adversely affected by changes in the political and social conditions in the PRC, and by changes in governmental policies with respect to laws and regulations, anti-inflationary measures, currency conversion, remittances abroad, and rates and methods of taxation, among other things.Currency Exchange RiskThe Company cannot guarantee that the current exchange rate will remain steady. Therefore, there is a possibility that the Company could post the same amount of profit for two comparable periods and yet, because of the fluctuating exchange rate, record higher or lower profit depending on exchange rate of RMB converted to U.S. dollars on the relevant dates. The exchange rate could fluctuate depending on changes in the political and economic environment without notice.Concentration of Credit RiskFinancial instruments that potentially expose the Company to concentrations of credit risk consist primarily of cash in bank and accounts receivable.The Company places its cash with financial institutions in the PRC and the U.S. Balances at financial institutions and state-owned banks within the PRC are covered by insurance up to RMB500,000 (USD70,000) per bank. As of June 30, 2024 and December 31, 2023, the Companyâ€™s bank account balance in the PRC was \$23,313,985 and \$33,033,191, respectively, exceeding PRC deposit insurance of RMB500,000 (USD70,000) as of each year end. To date, the Company has not experienced any losses in such accounts.The Companyâ€™s bank deposits in the U.S. are insured to the maximum extent permitted by the Deposit Insurance Fund in the U.S. Dodd-Frank permanently increased the maximum amount of deposit insurance to \$250,000 per depositor, per insured institution for each account ownership category. Federal Deposit Insurance Corporation (â€œFDICâ€) insurance is backed by the full faith and credit of the United States government. As of June 30, 2024 and December 31, 2023, the Companyâ€™s bank account balance in the United States was \$93,754 and \$3,797,076, respectively, exceeding FDIC insurance of \$250,000 as of each year end. To date, the Company has not experienced any losses in such accounts.The Company conducts credit evaluations of customers, and generally does not require collateral or other security from its customers. The Company establishes an allowance for expected credit losses primarily based upon the factors surrounding the credit risk of specific customers. Warrants WarrantsThe Company accounts for warrants as either equity-classified or liability-classified instruments based on an assessment of the warrantâ€™s specific terms and applicable authoritative guidance in the ASC 480, Distinguishing Liabilities from Equity (â€œASC 480â€) and ASC 815, Derivatives and Hedging (â€œASC 815â€). Managementâ€™s assessment considers whether the warrants are freestanding financial instruments pursuant to ASC 480, whether they meet the definition of a liability pursuant to ASC 480, and whether the warrants meet all of the requirements for equity classification under ASC 815, including whether the warrants are indexed to the Companyâ€™s own ordinary shares and whether the warrant holders could potentially require â€œnet cash settlementâ€ in a circumstance outside of the Companyâ€™s control, among other conditions for equity classification. This assessment, which requires the use of professional judgment, is conducted at the time of warrant issuance and as of each subsequent quarterly period-end date while the warrants are outstanding.For issued or modified warrants that meet all of the criteria for equity classification, they are recorded as a component of additional paid-in capital at the time of issuance. For issued or modified warrants that do not meet all the criteria for equity classification, they are recorded as warrant liability at their initial fair value on the date of issuance and subject to remeasurement each balance sheet date with changes in the estimated fair value of the warrants to be recognized as a non-cash gain or loss in the statement of operations.Â Recently Issued Accounting Pronouncements Recently Issued Accounting PronouncementsRecent accounting pronouncements that the Company has adopted or may be required to adopt in the future are summarized below:In June 2016, the FASB issued ASU 2016-13, Credit Losses, Measurement of Credit Losses on Financial Instruments. This ASU provides more useful information about expected credit losses to financial statement users and changes how entities will measure credit losses on financial instruments and timing of when such losses should be recognized. This ASU is effective for annual and interim periods beginning after December 15, 2019 for issuers and December 15, 2020 for non-issuers. Early adoption is permitted for all entities for annual periods beginning after December 15, 2018, and interim periods therein. In May 2019, the FASB issued ASU 2019-05, Financial Instruments â€” Credit Losses (Topic 326): Targeted Transition Relief. This update adds optional transition relief for entities to elect the fair value option for certain financial assets previously measured at amortized cost basis to increase comparability of similar financial assets. The updates should be applied through a cumulative-effect adjustment to retained earnings as of the beginning of the first reporting period in which the guidance is effective (that is, a modified retrospective approach). On November 19, 2019, the FASB issued ASU 2019-10 to amend the effective date for ASU 2016-13 to be fiscal years beginning after December 15, 2022 and interim periods therein. The Company adopted this guidance on January 1, 2023, and the adoption did not have a material impact on its consolidated financial statements.In March 2023, the FASB issued an ASU to amend certain provisions of ASC 842 that apply to arrangements between related parties under common control. The ASU amends the accounting for the amortization period of leasehold improvements in common-control leases for all entities and requires certain disclosures when the lease term is shorter than the useful life of the asset. This ASU is effective for fiscal years beginning after December 15, 2023, including interim periods within those fiscal years. Early adoption is permitted. We do not expect the application of this ASU to have a material impact on our consolidated financial statements or financial disclosures.In November 2023, Accounting Standards Update (â€œASUâ€) 2023-07, â€œImprovements to Reportable Segment Disclosuresâ€ was issued. ASU 2023-07 requires, among other updates, enhanced disclosures about significant segment expenses that are regularly provided to the chief operating decision maker, as well as the aggregate amount of other segment items included in the reported measure of segment profit or loss. This aims to provide more decision-useful information to stakeholders by giving a clearer picture of the costs incurred by each reportable segment. ASU 2023-07 is effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024, and requires retrospective adoption. Early adoption is permitted. We are assessing the impact of this guidance on our disclosures.In December 2023, ASU 2023-09, â€œImprovements to Income Tax Disclosuresâ€ was issued. ASU 2023-09 requires enhanced annual disclosures regarding the rate reconciliation and income taxes paid. ASU 2023-09 is effective for fiscal years beginning after December 15, 2024, and may be adopted on a prospective or retrospective basis. Early adoption is permitted. We are assessing the impact of this guidance on our disclosures.Other accounting standards that have been issued by FASB that do not require adoption until a future date are not expected to have a material impact on the consolidated financial statements upon adoption. The Company does not discuss recent pronouncements that are not anticipated to have an impact on, or are unrelated to, its consolidated financial condition, results of operations, cash flows or disclosures. X - DefinitionDisclosure of accounting policy for advance to suppliers. + ReferencesNo definition available. + Details Name: gtec_AdvanceToSuppliersPolicyTextBlock Namespace Prefix: gtec_ Data Type: dtr:textBlockItemType Balance Type: na Period Type: duration X - DefinitionConstruction in process. + ReferencesNo definition available. + Details Name: gtec_ConstructionInProgressPolicyTextBlock Namespace Prefix: gtec_ Data Type: dtr:textBlockItemType Balance Type: na Period Type: duration X - DefinitionGovernment subsidies. + ReferencesNo definition available. + Details Name: gtec_GovernmentSubsidiesPolicyTextBlock Namespace Prefix: gtec_ Data Type: dtr:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for land use rights. + ReferencesNo definition available. + Details Name: gtec_LandUseRightsPolicyTextBlock Namespace Prefix: gtec_ Data Type: dtr:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: gtec_RelatedPartyPolicyTextBlock Namespace Prefix: gtec_ Data Type: dtr:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for inclusion of significant items in the selling report caption. + ReferencesNo definition available. + Details Name: gtec_SellingExpensesPolicyTextBlock Namespace Prefix: gtec_ Data Type: dtr:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for uncertainty and risks. + ReferencesNo definition available. + Details Name: gtec_UncertaintyAndRisksPolicyTextBlock Namespace Prefix: gtec_ Data Type: dtr:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for value added tax. + ReferencesNo definition available. + Details Name: gtec_ValueAddedTaxPolicyTextBlock Namespace Prefix: gtec_ Data Type: dtr:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_AccountingPoliciesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for the basis of presentation and significant accounting policies concepts. Basis of presentation describes the underlying basis used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS). Accounting policies describe all significant accounting policies of the reporting entity. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef-Topic 235 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/235/tableOfContent> + Details Name: us-gaap_BasisOfPresentationAndSignificantAccountingPoliciesTextBlock Namespace Prefix: us-gaap_ Data Type: dtr:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for cash and cash equivalents, including the policy for determining which items are treated as cash equivalents. Other information that may be disclosed includes (1) the nature of any restrictions on the entity's use of its cash and cash equivalents, (2) whether the entity's cash and cash equivalents are insured or expose the entity to credit risk, (3) the classification of any negative balance accounts (overdrafts), and (4) the carrying basis of cash equivalents (for example, at cost) and whether the carrying amount of cash equivalents approximates fair value. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 1 -Publisher FASB -URI>

<https://asc.fasb.org/1943274/2147482913/230-10-50-1> + Details Name: us-gaap_CashAndCashEquivalentsPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionEntity's cash and cash equivalents accounting policy with respect to restricted balances. Restrictions may include legally restricted deposits held as compensating balances against short-term borrowing arrangements, contracts entered into with others, or company statements of intention with regard to particular deposits; however, time deposits and short-term certificates of deposit are not generally included in legally restricted deposits. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 942-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.9-03\(1\)\(a\)\)](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 942-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.9-03(1)(a))) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478546/942-210-S99-1>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 230-SubTopic 10-Section 50-Paragraph 1-Publisher FASB -URI>

<https://asc.fasb.org/1943274/2147482913/230-10-50-1> + Details Name: us-gaap_CashAndCashEquivalentsRestrictedCashAndCashEquivalentsPolicy Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for commitments and contingencies, which may include policies for recognizing and measuring loss and gain contingencies. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef-Topic 954-SubTopic 450-Name Accounting Standards Codification-Section 50-Paragraph 1-Publisher FASB -URI> <https://asc.fasb.org/1943274/2147477850/954-450-50-1>Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 460-SubTopic 10-Section 50-Paragraph 8-Subparagraph \(b\)-Publisher FASB -URI](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 460-SubTopic 10-Section 50-Paragraph 8-Subparagraph (b)-Publisher FASB -URI)

<https://asc.fasb.org/1943274/2147482425/460-10-50-8> + Details Name: us-gaap_CommitmentsAndContingenciesPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for comprehensive income. + ReferencesNo definition available. + Details Name: us-gaap_ComprehensiveIncomePolicyPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy regarding (1) the principles it follows in consolidating or combining the separate financial statements, including the principles followed in determining the inclusion or exclusion of subsidiaries or other entities in the consolidated or combined financial statements and (2) its treatment of interests (for example, common stock, a partnership interest or other means of exerting influence) in other entities, for example consolidation or use of the equity or cost methods of accounting. The accounting policy may also address the accounting treatment for intercompany accounts and transactions, noncontrolling interest, and the income statement treatment in consolidation for issuances of stock by a subsidiary. + ReferencesReference 1: [http://www.xbrl.org/2003/role/exampleRef-Topic 235-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 4-Subparagraph \(a\)-Publisher FASB -URI](http://www.xbrl.org/2003/role/exampleRef-Topic 235-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 4-Subparagraph (a)-Publisher FASB -URI) <https://asc.fasb.org/1943274/2147483426/235-10-50-4>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 810-SubTopic 10-Section 50-Paragraph 1-Publisher FASB -URI>

<https://asc.fasb.org/1943274/2147481203/810-10-50-1> + Details Name: us-gaap_ConsolidationPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for cost of product sold and service rendered. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef-Name Accounting Standards Codification-Topic 705-Publisher FASB -URI> <https://asc.fasb.org/705/tableOfContent> + Details Name: us-gaap_CostOfSalesPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for its derivative instruments and hedging activities. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Section 50-Paragraph 2-SubTopic 10-Topic 815-Publisher FASB -URI> <https://asc.fasb.org/1943274/2147480434/815-10-50-2>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef-Topic 250-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 9-Publisher FASB -URI> <https://asc.fasb.org/1943274/2147483443/250-10-50-9>Reference 3: [http://www.xbrl.org/2003/role/disclosureRef-Topic 235-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.4-08\(n\)\)-Publisher FASB -URI](http://www.xbrl.org/2003/role/disclosureRef-Topic 235-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.4-08(n))-Publisher FASB -URI)

<https://asc.fasb.org/1943274/2147480678/235-10-S99-1>Reference 4: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 815-SubTopic 10-Section 50-Paragraph 1A-Publisher FASB -URI> <https://asc.fasb.org/1943274/2147480434/815-10-50-1A>Reference 5: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 815-SubTopic 10-Section 50-Paragraph 1-Publisher FASB -URI> <https://asc.fasb.org/1943274/2147480434/815-10-50-1>Reference 6: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 815-SubTopic 10-Section 50-Paragraph 4-Publisher FASB -URI> <https://asc.fasb.org/1943274/2147480434/815-10-50-4>Reference 7: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 815-SubTopic 10-Section 50-Paragraph 7-Publisher FASB -URI> <https://asc.fasb.org/1943274/2147480434/815-10-50-7> + Details Name: us-gaap_DerivativesPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for computing basic and diluted earnings or loss per share for each class of common stock and participating security. Addresses all significant policy factors, including any antidilutive items that have been excluded from the computation and takes into account stock dividends, splits and reverse splits that occur after the balance sheet date of the latest reporting period but before the issuance of the financial statements. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 260-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 1-Subparagraph \(d\)-Publisher FASB -URI](http://www.xbrl.org/2003/role/disclosureRef-Topic 260-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 1-Subparagraph (d)-Publisher FASB -URI) <https://asc.fasb.org/1943274/2147482662/260-10-50-1>Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 260-SubTopic 10-Section 50-Paragraph 1-Subparagraph \(c\)-Publisher FASB -URI](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 260-SubTopic 10-Section 50-Paragraph 1-Subparagraph (c)-Publisher FASB -URI)

<https://asc.fasb.org/1943274/2147482662/260-10-50-1>Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 260-SubTopic 10-Section 50-Paragraph 2-Publisher FASB -URI> <https://asc.fasb.org/1943274/2147482662/260-10-50-2> + Details Name: us-gaap_EarningsPerSharePolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for determining the fair value of financial instruments. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Section 50-Paragraph 1-SubTopic 10-Topic 825-Publisher FASB -URI>

<https://asc.fasb.org/1943274/2147482907/825-10-50-1> + Details Name: us-gaap_FairValueOfFinancialInstrumentsPolicy Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for (1) transactions denominated in a currency other than the reporting enterprise's functional currency, (2) translating foreign currency financial statements that are incorporated into the financial statements of the reporting enterprise by consolidation, combination, or the equity method of accounting, and (3) remeasurement of the financial statements of a foreign reporting enterprise in a hyperinflationary economy. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef-Topic 830-Name Accounting Standards Codification-Publisher FASB -URI>

<https://asc.fasb.org/830/tableOfContent> + Details Name: us-gaap_ForeignCurrencyTransactionsAndTranslationsPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for recognizing and measuring the impairment of long-lived assets. An entity also may disclose its accounting policy for long-lived assets to be sold. This policy excludes goodwill and intangible assets. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 360-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 2-Subparagraph \(SAB Topic 5.CC\)-Publisher FASB -URI](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 360-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 2-Subparagraph (SAB Topic 5.CC)-Publisher FASB -URI)

<https://asc.fasb.org/1943274/2147480091/360-10-S99-2>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Section 05-Paragraph 4-SubTopic 10-Topic 360-Publisher FASB -URI> <https://asc.fasb.org/1943274/2147482338/360-10-05-4> + Details Name: us-gaap_ImpairmentOrDisposalOfLongLivedAssetsPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for income taxes, which may include its accounting policies for recognizing and measuring deferred tax assets and liabilities and related valuation allowances, recognizing investment tax credits, operating loss carryforwards, tax credit carryforwards, and other carryforwards, methodologies for determining its effective income tax rate and the characterization of interest and penalties in the financial statements. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef-Topic 740-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 20-Publisher FASB -URI> <https://asc.fasb.org/1943274/2147482685/740-10-50-20>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef-Topic 740-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 19-Publisher FASB -URI> <https://asc.fasb.org/1943274/2147482685/740-10-50-19>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef-Topic 740-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 25-Publisher FASB -URI> <https://asc.fasb.org/1943274/2147482525/740-10-45-25>Reference 4: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph \(SX 210.6-03\(h\)\(1\)\)-Publisher FASB -URI](http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph (SX 210.6-03(h)(1))-Publisher FASB -URI) <https://asc.fasb.org/1943274/2147479886/946-10-S99-3>Reference 5: [http://www.xbrl.org/2003/role/disclosureRef-Topic 740-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 17-Subparagraph \(b\)-Publisher FASB -URI](http://www.xbrl.org/2003/role/disclosureRef-Topic 740-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 17-Subparagraph (b)-Publisher FASB -URI) <https://asc.fasb.org/1943274/2147482685/740-10-50-17>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef-Topic 740-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 9-Publisher FASB -URI> <https://asc.fasb.org/1943274/2147482685/740-10-50-9>Reference 7: <http://www.xbrl.org/2003/role/disclosureRef-Topic 740-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 28-Publisher FASB -URI> <https://asc.fasb.org/1943274/2147482525/740-10-45-28>Reference 8: <http://www.xbrl.org/2003/role/disclosureRef-Topic 220-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 1-Publisher FASB -URI> <https://asc.fasb.org/1943274/2147482765/220-10-50-1> + Details Name: us-gaap_IncomeTaxPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for interest capitalization. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef-Topic 835-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 1-Publisher FASB -URI> <https://asc.fasb.org/1943274/2147483013/835-20-50-1> + Details Name: us-gaap_InterestCapitalizationPolicyPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of inventory accounting policy for inventory classes, including, but not limited to, basis for determining inventory amounts, methods by which amounts are added and removed from inventory classes, loss recognition on impairment of inventories, and situations in which inventories are stated above cost. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(6\)\(b\)\)-Publisher FASB -URI](http://www.xbrl.org/2003/role/disclosureRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(6)(b))-Publisher FASB -URI)

<https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef-Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483080/330-10-50-1>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483489/210-10-50-1>Reference 4: [http://www.xbrl.org/2003/role/exampleRef-Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph \(d\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483426/235-10-50-4](http://www.xbrl.org/2003/role/exampleRef-Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483426/235-10-50-4)Reference 5: <http://www.xbrl.org/2003/role/disclosureRef-Topic 912 -SubTopic 330 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478411/912-330-50-1>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef-Topic 330 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/330/tableOfContentReference 7: http://www.xbrl.org/2003/role/disclosureRef-Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483080/330-10-50-4>Reference 8: [http://www.xbrl.org/2003/role/disclosureRef-Name Accounting Standards Codification -Section 45 -Paragraph 6 -Subparagraph \(a\) -SubTopic 10 -Topic 270 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482989/270-10-45-6](http://www.xbrl.org/2003/role/disclosureRef-Name Accounting Standards Codification -Section 45 -Paragraph 6 -Subparagraph (a) -SubTopic 10 -Topic 270 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482989/270-10-45-6) + Details Name: us-gaap_InventoryPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for leasing arrangement entered into by lessee. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-1) + Details Name: us-gaap_LesseeLeasesPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for estimating its liability as of the balance sheet date for the ultimate cost of settling reported and unreported claims incurred and claims adjustment expenses (including effects of inflation and other societal and economic factors). + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph \(SX 210.7-03\(a\)\(8\)\(a\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/944-40/tableOfContent + Details Name: us-gaap_LiabilityReserveEstimatePolicy Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy pertaining to new accounting pronouncements that may impact the entity's financial reporting. Includes, but is not limited to, quantification of the expected or actual impact. + ReferencesNo definition available. + Details Name: us-gaap_NewAccountingPronouncementsPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for long-lived, physical asset used in normal conduct of business and not intended for resale. Includes, but is not limited to, work of art, historical treasure, and similar asset classified as collections. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 10 -Topic 360 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1)Reference 3: <http://www.xbrl.org/2003/role/disclosureRef-Name Accounting Standards Codification -Section 50 -Paragraph 6 -SubTopic 360 -Topic 958 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477798/958-360-50-6>Reference 4: [http://www.xbrl.org/2003/role/disclosureRef-Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(d\) -SubTopic 360 -Topic 958 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477798/958-360-50-1](http://www.xbrl.org/2003/role/disclosureRef-Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -SubTopic 360 -Topic 958 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477798/958-360-50-1) + Details Name: us-gaap_PropertyPlantAndEquipmentPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for costs it has incurred (1) in a planned search or critical investigation aimed at discovery of new knowledge with the hope that such knowledge will be useful in developing a new product or service, a new process or technique, or in bringing about a significant improvement to an existing product or process; or (2) to translate research findings or other knowledge into a plan or design for a new product or process or for a significant improvement to an existing product or process. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 730 -SubTopic 10 -Name Accounting Standards Codification -Section 05 -Paragraph 1 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483044/730-10-05-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 730 -SubTopic 10 -Name Accounting Standards Codification -Section 05 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483044/730-10-05-1) + Details Name: us-gaap_ResearchAndDevelopmentExpensePolicy Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for revenue from contract with customer. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef-Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-17>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef-Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-19>Reference 3: [http://www.xbrl.org/2003/role/disclosureRef-Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-18](http://www.xbrl.org/2003/role/disclosureRef-Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-18)Reference 4: [http://www.xbrl.org/2003/role/disclosureRef-Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-18](http://www.xbrl.org/2003/role/disclosureRef-Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-18)Reference 5: [http://www.xbrl.org/2003/role/disclosureRef-Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 20 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-20](http://www.xbrl.org/2003/role/disclosureRef-Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 20 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-20)Reference 6: [http://www.xbrl.org/2003/role/disclosureRef-Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 20 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-20](http://www.xbrl.org/2003/role/disclosureRef-Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 20 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-20)Reference 7: [http://www.xbrl.org/2003/role/disclosureRef-Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 20 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-20](http://www.xbrl.org/2003/role/disclosureRef-Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 20 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-20)Reference 8: [http://www.xbrl.org/2003/role/disclosureRef-Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 20 -Subparagraph \(d\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-20](http://www.xbrl.org/2003/role/disclosureRef-Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 20 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-20)Reference 9: [http://www.xbrl.org/2003/role/exampleRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 47 -Subparagraph \(bb\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-47](http://www.xbrl.org/2003/role/exampleRef-Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (e) -SubTopic 10 -Topic 235 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483426/235-10-50-4)Reference 3: [http://www.xbrl.org/2003/role/disclosureRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 29 -Subparagraph \(f\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-29](http://www.xbrl.org/2003/role/disclosureRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 29 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-29)Reference 4: [http://www.xbrl.org/2003/role/exampleRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 54 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-54](http://www.xbrl.org/2003/role/exampleRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 54 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-54)Reference 5: <http://www.xbrl.org/2003/role/disclosureRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 36 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-36>Reference 6: [http://www.xbrl.org/2003/role/exampleRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 47 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-47](http://www.xbrl.org/2003/role/exampleRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 47 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-47)Reference 7: [http://www.xbrl.org/2003/role/disclosureRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 29 -Subparagraph \(d\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-29](http://www.xbrl.org/2003/role/disclosureRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 29 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-29)Reference 8: <http://www.xbrl.org/2003/role/disclosureRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 29 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-29>Reference 9: [http://www.xbrl.org/2003/role/disclosureRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 29 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-29](http://www.xbrl.org/2003/role/disclosureRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 29 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-29)Reference 10: [http://www.xbrl.org/2003/role/disclosureRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 29 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-29](http://www.xbrl.org/2003/role/disclosureRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 29 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-29)Reference 11: [http://www.xbrl.org/2003/role/disclosureRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 29 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-29](http://www.xbrl.org/2003/role/disclosureRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 29 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-29)Reference 12: [http://www.xbrl.org/2003/role/disclosureRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 29 -Subparagraph \(e\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-29](http://www.xbrl.org/2003/role/disclosureRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 29 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-29) + Details Name: us-gaap_SegmentReportingPolicyPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for inclusion of significant items in the selling, general and administrative (or similar) expense report caption. + ReferencesReference 1: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 720 -SubTopic 35 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483406/720-35-50-1](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 720 -SubTopic 35 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483406/720-35-50-1) + Details Name: us-gaap_SellingGeneralAndAdministrativeExpensesPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for accounts receivable. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/otherTransitionRef-Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-6>Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(d\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-2](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-2)Reference 3: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-2](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-2)Reference 4: <http://www.xbrl.org/2009/role/commonPracticeRef-Topic 310 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 ->

4: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-20>Reference 5: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-16>Reference 6: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 21 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-21> + Details Name: us-gaap_SchedulesOfConcentrationOfRiskByRiskFactorTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 49 R38.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Accounts Receivable (Tables) 6 Months Ended Jun. 30, 2024 Accounts Receivable [Abstract] Â Schedule of Accounts Receivable is Net of Allowance for Expected Credit Losses Accounts receivable is net of allowance for expected credit losses. Â Â As ofÂ Â Â June 30, 2024Â Â DecemberÂ 31, 2023Â Accounts receivableÂ \$23,295,414Â Â \$17,351,398Â Less: allowance for expected credit lossesÂ Â (1,412,545)Â Â (867,865) Accounts receivable, netÂ \$21,882,869Â Â \$16,483,533Â Schedule of Changes in the Allowance for Expected Credit Losses Changes in the allowance for expected credit losses are as follows: Â Â As ofÂ Â Â June 30, 2024Â Â DecemberÂ 31, 2023Â Beginning balanceÂ \$867,865Â Â \$762,325Â Additional provision charged to expenseÂ Â 568,744Â Â Â 127,646Â Effect of foreign exchange changeÂ Â (24,064)Â Â (22,106) Ending balanceÂ \$1,412,545Â Â \$867,865Â X - DefinitionTabular disclosure of allowance for credit loss on accounts receivable. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479319/326-20-50-13> + Details Name: us-gaap_AccountsReceivableAllowanceForCreditLossTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_AccountsReceivableNetAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of allowance for credit loss on financing receivable. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-11B>Reference 2: <http://www.xbrl.org/2009/role/commonPracticeRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479319/326-20-50-13> + Details Name: us-gaap_AllowanceForCreditLossesOnFinancingReceivablesTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 50 R39.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Inventories, Net (Tables) 6 Months Ended Jun. 30, 2024 Inventories, Net [Abstract] Â Schedule of Inventories As of June 30, 2024 and December 31, 2023, inventories consisted of the following Â Â As ofÂ Â Â June 30, 2024Â Â DecemberÂ 31, 2023Â Raw materialsÂ \$7,379,602Â Â \$9,337,110Â Revolving materialÂ Â 1,121,164Â Â Â 1,143,558Â Consigned processing materialÂ Â 32,026Â Â Â 60,754Â Work-in-progressÂ Â 2,591,658Â Â Â 2,501,368Â Finished goodsÂ Â 9,638,318Â Â Â 12,192,937Â Less: inventory impairmentÂ Â (511,433)Â Â (638,932) Inventories, netÂ \$20,251,335Â Â \$24,596,795Â Schedule of Inventory Reserve Changes in the inventory reserves are as follows: Â Â As ofÂ Â Â June 30, 2024Â Â DecemberÂ 31, 2023Â Beginning balanceÂ \$638,932Â Â \$375,846Â (Reversal of) inventory write-downsÂ Â (120,097)Â Â Â 271,233Â Effect of foreign exchange changeÂ Â (7,402)Â Â (8,147) Ending balanceÂ \$511,433Â Â \$638,932Â X - DefinitionDescription of significant changes to reserve quantities during the period including, but not limited to, changes in the following: revisions of previous estimates, revisions of estimates from application of improved recovery techniques, purchases of minerals in place, extensions and discoveries made, production, and sales of minerals in place. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Name Form 20-F -Number Part II -Section Item 18 -Subparagraph \(Instruction 2\) -Publisher SECReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 932 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph \(c\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477215/932-235-50-8](http://www.xbrl.org/2003/role/disclosureRef -Name Form 20-F -Number Part II -Section Item 18 -Subparagraph (Instruction 2) -Publisher SECReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 932 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477215/932-235-50-8)Reference 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 932 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph \(c\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477215/932-235-50-8](http://www.xbrl.org/2003/role/disclosureRef -Topic 932 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477215/932-235-50-8)Reference 4: <http://www.xbrl.org/2003/role/disclosureRef -Topic 932 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477215/932-235-50-5> + Details Name: srt_SignificantChangesInReserves Namespace Prefix: srt_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_InventoryDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the carrying amount as of the balance sheet date of merchandise, goods, commodities, or supplies held for future sale or to be used in manufacturing, servicing or production process. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(6\)\(a\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(6\)\(b\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 3: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(6\)\(c\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 4: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 210 -SubTopic 10 -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483489/210-10-50-1> + Details Name: us-gaap_ScheduleOfInventoryCurrentTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 51 R40.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Notes Receivable (Tables) 6 Months Ended Jun. 30, 2024 Notes Receivable [Abstract] Â Schedule of Notes Receivable Â Â As ofÂ Â Â June 30, 2024Â Â DecemberÂ 31, 2023Â Bank notes receivable:Â \$28,844,085Â Â \$27,135,249Â Commercial notes receivableÂ Â 2,118,195Â Â Â -Â TotalÂ \$30,962,280Â Â \$27,135,249Â X - ReferencesNo definition available. + Details Name: us-gaap_ReceivablesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the various types of trade accounts and notes receivable and for each the gross carrying value, allowance, and net carrying value as of the balance sheet date. Presentation is categorized by current, noncurrent and unclassified receivables. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(4\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(3\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1) + Details Name: us-gaap_ScheduleOfAccountsNotesLoansAndFinancingReceivableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 52 R41.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Property, Plant and Equipment and Construction in Progress (Tables) 6 Months Ended Jun. 30, 2024 Property, Plant and Equipment and Construction in Progress [Abstract] Â Schedule of Property, Plant and Equipment (a) As of June 30, 2024 and December 31, 2023, property, plant and equipment consisted of the following: Â Â As ofÂ Â Â June 30, 2024Â Â DecemberÂ 31, 2023Â BuildingsÂ \$11,181,430Â Â \$11,444,906Â MachineryÂ Â 21,824,680Â Â Â 20,974,546Â Motor vehiclesÂ Â 328,934Â Â Â 336,541Â Electronic equipmentÂ Â 218,086Â Â Â 246,207Â Total property plant and equipment, at costÂ Â 33,553,130Â Â Â 33,002,200Â Â Â Â Â Â Â Â Less: accumulated depreciationÂ Â (19,844,051)Â Â (19,325,844) Property, plant and equipment, netÂ \$13,709,079Â Â \$13,676,356Â Construction in processÂ Â 5,912Â Â Â 22,641Â TotalÂ \$13,714,991Â Â \$13,698,997Â Schedule of Restricted Assets Restricted assets consist of the following: Â Â As ofÂ Â Â June 30, 2024Â Â DecemberÂ 31, 2023Â Buildings, netÂ \$1,914,212Â Â \$2,024,994Â TotalÂ Â 1,914,212Â Â Â 2,024,994Â X - ReferencesNo definition available. + Details Name: us-gaap_PropertyPlantAndEquipmentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of physical assets used in the normal conduct of business and not intended for resale. Includes, but is not limited to, balances by class of assets, depreciation and depletion expense and method used, including composite depreciation, and accumulated depreciation. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 10 -Topic 360 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1> + Details Name: us-gaap_PropertyPlantAndEquipmentTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of cash and cash equivalents restricted as to withdrawal or usage. + ReferencesReference 1: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-03\(a\)\(2\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1)Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-03\(1\)\(a\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(1)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1)Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 8 -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-8> + Details Name: us-gaap_ScheduleOfRestrictedCashAndCashEquivalentsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 53 R42.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Land Use Rights, Net (Tables) 6 Months Ended Jun. 30, 2024 Land Use Rights [Abstract] Â Schedule of Land Use Rights Land use rights consisted of the following: Â Â As ofÂ Â Â June 30, 2024Â Â DecemberÂ 31, 2023Â Land use rights, costÂ \$4,233,626Â Â \$4,333,386Â Less: Accumulated amortizationÂ Â (906,847)Â Â (884,881) Land use rights, netÂ \$3,326,779Â Â \$3,448,505Â Schedule of Estimated Future Amortization Expense Estimated future amortization expense is as follows as of June 30, 2024: Years ending June 30,Â 2024Â Amortization expenseÂ 2025Â \$85,285Â 2026Â Â 85,285Â 2027Â Â 85,285Â 2028Â Â 85,285Â 2029Â Â 85,285Â ThereafterÂ Â 2,900,354Â TotalÂ \$3,326,779Â X - DefinitionTabular disclosure of land use rights. + ReferencesNo definition available. + Details Name: gtec_ScheduleOfLandUseRightTableTextBlock Namespace Prefix: gtec_ Data Type: dtr:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_RealEstateAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the amount of amortization expense expected to be recorded in succeeding fiscal years for finite-lived intangible assets. +

ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef-Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40>Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(a\)\(3\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2 + Details Name: us-gaap_ScheduleOfFiniteLivedIntangibleAssetsFutureAmortizationExpenseTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 54 R43.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Fixed Deposit \(Tables\) 6 Months Ended Jun. 30, 2024 Fixed Deposit \[Abstract\]](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2 + Details Name: us-gaap_ScheduleOfFiniteLivedIntangibleAssetsFutureAmortizationExpenseTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 54 R43.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Fixed Deposit (Tables) 6 Months Ended Jun. 30, 2024 Fixed Deposit [Abstract]) [Schedule of Fixed Deposit As of June 30, 2024 and December 31, 2023, fixed deposit consisted of the following:](#) [As of June 30, 2024](#) [December 31, 2023](#) Three-year bank deposit [\\$4,342,574](#) [\\$9,916,308](#) Total [\\$4,342,574](#) [\\$9,916,308](#) X - ReferencesNo definition available. + Details Name: us-gaap_DepositsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of noncurrent assets. + ReferencesReference 1: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(17\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_ScheduleOfOtherAssetsNoncurrentTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 55 R44.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Notes Payable-Bank Acceptance Notes \(Tables\) 6 Months Ended Jun. 30, 2024 Notes Payable \[Abstract\]](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_ScheduleOfOtherAssetsNoncurrentTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 55 R44.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Notes Payable-Bank Acceptance Notes (Tables) 6 Months Ended Jun. 30, 2024 Notes Payable [Abstract]) [Schedule of Notes Payable-Bank Acceptance Notes As of June 30, 2024 and December 31, 2023](#) Bank acceptance notes [\\$31,407,248](#) [\\$36,712,562](#) Total [\\$31,407,248](#) [\\$36,712,562](#) X - ReferencesNo definition available. + Details Name: us-gaap_NotesPayableAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of information pertaining to short-term and long-debt instruments or arrangements, including but not limited to identification of terms, features, collateral requirements and other information necessary to a fair presentation. + ReferencesNo definition available. + Details Name: us-gaap_ScheduleOfDebtTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 56 R45.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Accounts Payable (Tables) 6 Months Ended Jun. 30, 2024 Accounts Payable [Abstract] [Schedule of Accounts Payable accounts payable are summarized as follow:](#) [As of June 30, 2024](#) [December 31, 2023](#) Procurement of Materials [\\$24,421,350](#) [\\$25,011,515](#) Infrastructure& Equipment [\\$23,445](#) [\\$43,530](#) Freight fee [\\$138,378](#) [\\$217,483](#) Total [\\$24,793,173](#) [\\$25,272,528](#) X - ReferencesNo definition available. + Details Name: us-gaap_AccountsPayableCurrentAndNoncurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the (a) carrying value as of the balance sheet date of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business (accounts payable); (b) other payables; and (c) accrued liabilities. Examples include taxes, interest, rent and utilities. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). An alternative caption includes accrued expenses. + ReferencesNo definition available. + Details Name: us-gaap_ScheduleOfAccountsPayableAndAccruedLiabilitiesTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 57 R46.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Short Term Bank Loans (Tables) 6 Months Ended Jun. 30, 2024 Short Term Bank Loans [Abstract] [Schedule of Short-Term Loans Short-term loans are summarized as follow:](#) [As of June 30, 2024](#) [December 31, 2023](#) Collateralized bank loans [\\$2,760,602](#) Unsecured bank loans [\\$281,694](#) Total [\\$3,042,296](#) [\\$3,042,296](#) X - ReferencesNo definition available. + Details Name: us-gaap_ScheduleOfShortTermLoansTableTextBlock Namespace Prefix: gtec_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_DebtDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of short-term debt arrangements (having initial terms of repayment within one year or the normal operating cycle, if longer) including: (1) description of the short-term debt arrangement; (2) identification of the lender or type of lender; (3) repayment terms; (4) weighted average interest rate; (5) carrying amount of funds borrowed under the specified short-term debt arrangement as of the balance sheet date; (6) description of the refinancing of a short-term obligation when that obligation is excluded from current liabilities in the balance sheet; and (7) amount of a short-term obligation that has been excluded from current liabilities in the balance sheet because of a refinancing of the obligation. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(19\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_ScheduleOfShortTermDebtTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 58 R47.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Other Current Liabilities \(Tables\) 6 Months Ended Jun. 30, 2024 Other Current Liabilities \[Abstract\]](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_ScheduleOfShortTermDebtTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 58 R47.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Other Current Liabilities (Tables) 6 Months Ended Jun. 30, 2024 Other Current Liabilities [Abstract]) [Schedule of Other Current Liabilities Other current liabilities are summarized as follow:](#) [As of June 30, 2024](#) [December 31, 2023](#) Employee payables [\\$111,858](#) [\\$807,615](#) Other tax payables [\\$262,458](#) [\\$507,464](#) Other payable [\\$108,624](#) [\\$115,443](#) Accrued expenses [\\$1,548,415](#) [\\$660,985](#) Total [\\$2,031,355](#) [\\$2,091,507](#) X - DefinitionTabular disclosure of other current liabilities. + ReferencesNo definition available. + Details Name: us-gaap_OtherCurrentLiabilitiesTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_OtherLiabilitiesCurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 59 R48.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Deferred Revenue (Tables) 6 Months Ended Jun. 30, 2024 Deferred Revenue [Abstract] [Schedule of Deferred Revenue Deferred revenue is summarized as follow:](#) [As of June 30, 2024](#) [December 31, 2023](#) Subsidy [\\$1,381,686](#) [\\$1,529,831](#) Total [\\$1,381,686](#) [\\$1,529,831](#) X - DefinitionTabular disclosure of receivable, contract asset, and contract liability from contract with customer. Includes, but is not limited to, change in contract asset and contract liability. + ReferencesReference 1: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-10 + Details Name: us-gaap_ContractWithCustomerAssetAndLiabilityTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_RevenueFromContractWithCustomerAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 60 R49.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Leases \(Tables\) 6 Months Ended Jun. 30, 2024 Leases \[Abstract\]](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-10 + Details Name: us-gaap_ContractWithCustomerAssetAndLiabilityTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_RevenueFromContractWithCustomerAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 60 R49.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Leases (Tables) 6 Months Ended Jun. 30, 2024 Leases [Abstract]) [Schedule of Supplemental Balance Sheet Supplemental balance sheet information related to leases as of June 30, 2024 and December 31, 2023 is as follows:](#) [As of June 30, 2024](#) [December 31, 2023](#) Assets: [Right-of-use assets](#) [\\$1,871,826](#) [\\$2,125,542](#) Liabilities: [Lease liabilities](#) [\\$495,693](#) [\\$487,695](#) Lease liabilities [\\$1,432,987](#) [\\$1,684,614](#) Total operating lease liabilities [\\$1,928,680](#) [\\$2,172,309](#) Lease term and discount rate [\\$1,432,987](#) [\\$1,684,614](#) Weighted average remaining lease term (in years) [3.42](#) [2.09](#) Weighted average discount rate [4.27](#) [4.5](#) Schedule of Components of Lease Expense The following summarizes the components of operating lease expense and provides supplemental cash flow information for operating leases: [For the six months ended June 30, 2024](#) [2023](#) Components of lease expense: [Operating lease expense](#) [\\$308,146](#) [\\$308,407](#) Total lease expense [\\$308,146](#) [\\$308,407](#) Schedule of Maturity of Lease Liabilities under Operating Leases The following table summarizes the maturity of lease liabilities under operating leases as of June 30, 2024: For the years ending June 30, [Operating Leases](#) [2025](#) [\\$580,899](#) [2026](#) [\\$597,688](#) [2027](#) [\\$615,067](#) [2028](#) [\\$315,756](#) Total lease payments [\\$2,109,410](#) Less: imputed interest [\\$180,730](#) Present value of lease liabilities [\\$1,928,680](#) X - DefinitionTabular disclosure of condensed balance sheet, including, but not limited to, balance sheets of consolidated entities and consolidation eliminations. + ReferencesReference 1: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_LeaseCostTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_LeasesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of undiscounted cash flows of lessee's operating lease liability. Includes, but is not limited to, reconciliation of undiscounted cash flows to operating lease liability recognized in statement of financial position. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef-Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityMaturityTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 61 R50.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Warrant Liability \(Tables\) 6 Months Ended Jun. 30, 2024 Warrant Liability \[Abstract\]](http://www.xbrl.org/2009/role/commonPracticeRef-Name Regulation S-X (SX) -Number 210 -Section 12 -Subsection 04 -Paragraph a -Publisher SECReference 2: http://www.xbrl.org/2009/role/commonPracticeRef-Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-04(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-3 + Details Name: srt_ScheduleOfCondensedBalanceSheetTableTextBlock Namespace Prefix: srt_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of lessee's lease cost. Includes, but is not limited to, interest expense for finance lease, amortization of right-of-use asset for finance lease, operating lease cost, short-term lease cost, variable lease cost and sublease income. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef-Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_LeaseCostTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_LeasesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of undiscounted cash flows of lessee's operating lease liability. Includes, but is not limited to, reconciliation of undiscounted cash flows to operating lease liability recognized in statement of financial position. + ReferencesReference 1: <a href=) [Schedule of Fair Value of Warrant Liabilities The fair value of the warrant liabilities was measured using a Black-Scholes model. Significant inputs into the model as of the reporting period begin remeasurement dates, and as of the reporting period end remeasurement dates are as follows:](#) [Ordinary Share Warrants](#) [Ordinary Share Warrants](#) [June 30, 2024](#) [December 31, 2023](#) [Share price](#) [\\$1.40](#) [\\$2.79](#) Exercise price [\\$4.49](#) [\\$4.49](#) Expected term (years) [1](#)

1.79% 2.04% Risk-free interest rate 4.8% 4.2% Expected volatility 90.00% 80.00% Schedule of Warrants Outstanding and Fair Values The warrants outstanding and fair values at each of the respective valuation dates are summarized below: As of June 30, 2024 December 31, 2023 Number of ordinary share warrants 4,530,000 4,530,000 Fair value of the warrants \$1,180,281 \$4,084,605 X - ReferencesNo definition available. + Details Name: us-gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of financial instrument classified as a derivative asset (liability) after deduction of derivative liability (asset) using recurring unobservable inputs that reflect the entity's own assumption about the assumptions market participants would use in pricing. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_FairValueNetDerivativeAssetLiabilityMeasuredOnRecurringBasisUnobservableInputReconciliationTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the amounts that are recognized in the balance sheet (or statement of financial position) for pension plans and/or other employee benefit plans, showing separately the assets and current and noncurrent liabilities (if applicable) recognized. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 715 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1 + Details Name: us-gaap_ScheduleOfAmountsRecognizedInBalanceSheetTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 62 R51.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Earnings Per Share (Tables) 6 Months Ended Jun. 30, 2024 Earnings Per Share [Abstract] Schedule of Basic and Diluted Earnings Per Share Computation The following is a reconciliation of the basic and diluted earnings per share computation: For the three months ended June 30, For the six months ended June 30, 2024 2023 2024 2023 Net income attributable to the Greenland Technologies Holding Corporation and subsidiaries \$4,650,910 \$2,399,138 \$7,153,113 \$3,846,113 Weighted average basic and diluted computation shares outstanding: 13,594,530 12,978,504 13,594,530 12,978,504 Diluted effect of stock options and warrants 1,111 1,111 1,111 1,111 Weighted average shares used in diluted computation 13,594,530 12,978,504 13,594,530 12,978,504 Basic and diluted net income per share \$0.34 \$0.18 \$0.53 \$0.30 X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of an entity's basic and diluted earnings per share calculations, including a reconciliation of numerators and denominators of the basic and diluted per-share computations for income from continuing operations. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1 + Details Name: us-gaap_ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 63 R52.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Geographical Sales and Segments (Tables) 6 Months Ended Jun. 30, 2024 Geographical Sales and Segments [Abstract] Schedule of Sales by Geographical Area Information for the Company's sales by geographical area for the three and six months ended June 30, 2024 and 2023 are as follows: For the three months ended June 30, For the six months ended June 30, 2024 2023 2024 2023 Domestic Sales \$21,528,513 \$23,145,468 \$44,052,573 \$45,274,690 International Sales \$1,488,747 \$423,981 \$1,688,278 \$444,119 Total \$23,017,260 \$23,569,449 \$45,740,851 \$45,718,809 X - DefinitionTabular disclosure of revenue from external customers by geographic areas attributed to the entity's country of domicile and to foreign countries from which the entity derives revenue. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41 + Details Name: us-gaap_RevenueFromExternalCustomersByGeographicAreasTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_SegmentsGeographicalAreasAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 64 R53.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Commitments and Contingencies (Tables) 6 Months Ended Jun. 30, 2024 Commitments and Contingencies [Abstract] Schedule of Non-Cancellable Future Minimum Lease Payments The following are the aggregate non-cancellable future minimum lease payments under operating and financing leases as of June 30, 2024: For the years ending June 30, Operating Leases 2025 \$34,460 Total lease payments \$34,460 X - ReferencesNo definition available. + Details Name: gtec_ScheduleOfNoncancellableFutureMinimumLeasePaymentsOperatingAndFinancingLeases Namespace Prefix: gtec_ Data Type: dtr:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_CommitmentsAndContingenciesDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 65 R54.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Related Party Transactions (Tables) 6 Months Ended Jun. 30, 2024 Related Party Transactions [Abstract] Schedule of Names and Relationship of Related Parties (a) Names and Relationship of Related Parties: Existing Relationship with the Company Cenntro Holding Limited A Controlling shareholder of the Company Cenntro Smart Manufacturing Tech. Co., Ltd. Under common control of Peter Zuguang Wang Zhuhai Hengzhong Industrial Investment Fund (Limited Partnership) Under common control of Peter Zuguang Wang Peter Zuguang Wang A Chairman of the Board of Directors of the Company A Schedule of Due to Related Parties (b) Summary of Balances with Related Parties: As of June 30, 2024 December 31, 2023 Due to related parties: Cenntro Smart Manufacturing Tech. Co., Ltd. \$2,546 \$2,606 Zhuhai Hengzhong Industrial Investment Fund (Limited Partnership) 94,442 94,442 Cenntro Holding Limited 1,341,627 1,341,627 Peter Zuguang Wang 2,392,961 2,392,961 Total \$3,831,576 \$3,831,636 1 Employee wages paid by Cenntro Smart Manufacturing Tech. Co., Ltd. on the Company's behalf; 2 Temporary borrowings from Zhuhai Hengzhong Industrial Investment Fund (Limited Partnership); 3 Total dividend payment of \$7.6 million declared by Zhongchai Holding to Cenntro Holding Limited. As of December 31, 2019, the balance was \$1.34 million, and no further payments had been made since then; 4 Payable to Peter Zuguang Wang for capital reduction due to the dissolution of Shanghai Hengyu Business Management Consulting Co., Ltd. on July 10, 2023. Schedule of Due from Related Parties As of June 30, December 31, 2024 2023 Due from related parties-current, net: Zhuhai Hengzhong Industrial Investment Fund (Limited Partnership) 228,311 225,927 Total \$228,311 \$225,927 Schedule of Dividend Payment to Related Parties A summary of dividend payment declared by Zhejiang Zhongchai to related parties for the six months ended June 30, 2024 and 2023 are listed below: For the six months ended June 30, 2024 2023 Dividend payment to related parties: Xinchang County Jiuxin Investment Management Partnership (LP) - 208,524 Xinchang County Jiuhue Investment Management Partnership (LP) - 495,071 X - ReferencesNo definition available. + Details Name: gtec_DueFromRelatedPartiesTableTextBlock Namespace Prefix: gtec_ Data Type: dtr:textBlockItemType Balance Type: na Period Type: duration X - DefinitionSchedule of due to related parties. + ReferencesNo definition available. + Details Name: gtec_ScheduleOfDueToRelatedPartiesTableTextBlock Namespace Prefix: gtec_ Data Type: dtr:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_RelatedPartyTransactionsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of related party transactions. Examples of related party transactions include, but are not limited to, transactions between (a) a parent company and its subsidiary; (b) subsidiaries of a common parent; (c) and entity and its principal owners and (d) affiliates. + ReferencesNo definition available. + Details Name: us-gaap_ScheduleOfRelatedPartyTransactionsTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the key aspects of a subsidiary (partnership, corporation, or other entity) of the limited liability company or limited partnership. + ReferencesNo definition available. + Details Name: us-gaap_ScheduleOfSubsidiaryOfLimitedLiabilityCompanyOrLimitedPartnershipDescriptionTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 66 R55.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Organization and Principal Activities (Details) 6 Months Ended Dec. 29, 2021 CNY (¥) Nov. 01, 2017 CNY (¥) Apr. 26, 2010 USD (\$) Apr. 05, 2007 USD (\$) Jun. 30, 2024 Jun. 30, 2023 Dec. 16, 2009 Organization and Principal Activities [Line Items] A A A A Transmission product sale of sets A 80,496 75,097 A Electric industrial vehicles, description A HEVI's electric industrial vehicle products currently include GEF-series electric forklifts, a series of lithium powered forklifts with three models ranging in size from 1.8 tons to 3.5 tons, GEL-1800, a 1.8 ton rated load lithium powered electric wheeled front loader, GEX-8000, an all-electric 8.0 ton rated load lithium powered wheeled excavator, and GEL-5000, an all-electric 5.0 ton rated load lithium wheeled front loader. In addition, HEVI introduced a line of mobile DC battery chargers that support DC powered EV applications in the North America market. These products are available for purchase in the United States (U.S.) market. In August 2022, Greenland launched a 54,000 square foot industrial electric vehicle assembly site in Baltimore, Maryland to support local services, assembly and distribution of its electric industrial heavy equipment products line. A Percentage of outstanding ordinary shares A 45.69% A Percentage of equity interest A 75.4717% A Consideration value (in Dollars) A \$ 2,600,000 A Jiuxin [Member] A A A A Organization and Principal Activities [Line Items] A A A A Percentage of equity interest A 8.424% A Jiuhue [Member] A A A A Organization and Principal Activities [Line Items] A A A A Percentage of equity interest A 20.00% A Xinchang County Keyi Machinery Co., Ltd. [Member] A A A A Organization and Principal Activities [Line Items] A A A A Percentage of equity interest transferred A 24.5283% A A 75.4717% Zhejiang Zhongchai Machinery Co., Ltd. [Member] A A A A Organization and Principal Activities [Line Items] A A A A A

Percentage of outstanding ordinary shares 71.576% Hangzhou Greenland Energy Technologies Co., Ltd [Member] 62.50% Zhejiang Zhongchai [Member] 62.50% Purchase of equity 34,300,000 31,590,000 \$ 8,000,000 10.53% Zhongchai Holding [Member] 71.576% X - ReferencesNo definition available. + Details Name: gtec_ElectricIndustrialVehiclesDescription Namespace Prefix: gtec_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPercentage of outstanding ordinary shares. + ReferencesNo definition available. + Details Name: gtec_PercentageOfOutstandingOrdinaryShares Namespace Prefix: gtec_Data Type: dtr:percentItemType Balance Type: na Period Type: duration X - DefinitionTransmission product sale of sets. + ReferencesNo definition available. + Details Name: gtec_TransmissionProductSaleOfSets Namespace Prefix: gtec_Data Type: xbrli:integerItemType Balance Type: na Period Type: duration X - DefinitionAmount of increase (decrease) in the value of right to a contingent consideration asset. + ReferencesReference 1: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 230-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 28-Subparagraph \(a\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482740/230-10-45-28](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 230-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 28-Subparagraph (a)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482740/230-10-45-28)Reference 2: [http://www.xbrl.org/2003/role/disclosureRef-Topic 805-SubTopic 30-Name Accounting Standards Codification-Section 50-Paragraph 4-Subparagraph \(a\)\(1\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479581/805-30-50-4](http://www.xbrl.org/2003/role/disclosureRef-Topic 805-SubTopic 30-Name Accounting Standards Codification-Section 50-Paragraph 4-Subparagraph (a)(1)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479581/805-30-50-4) + Details Name: us-gaap_BusinessCombinationContingentConsiderationArrangementsChangeInAmountOfContingentConsiderationAsset1 Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionPercentage of equity in the acquiree held by the acquirer immediately before the acquisition date in a business combination. + ReferencesNo definition available. + Details Name: us-gaap_BusinessCombinationStepAcquisitionEquityInterestInAcquireePercentage Namespace Prefix: us-gaap_Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: [http://www.xbrl.org/2003/role/exampleRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(d\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/exampleRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (d)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13)Reference 2: <http://www.xbrl.org/2003/role/recommendedDisclosureRef-Topic 272-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 3-Publisher FASB-URI https://asc.fasb.org/1943274/2147483014/272-10-45-3>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef-Topic 272-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 1-Publisher FASB-URI https://asc.fasb.org/1943274/2147482987/272-10-50-1>Reference 4: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 235-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.4-08\(d\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 235-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.4-08(d))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1)Reference 5: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(a\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (a)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13)Reference 6: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(b\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (b)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13)Reference 7: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(e\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (e)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13)Reference 8: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(h\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (h)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13)Reference 9: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 14-Subparagraph \(b\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-14](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 14-Subparagraph (b)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-14)Reference 10: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 18-Subparagraph \(c\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-18](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 18-Subparagraph (c)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-18)Reference 11: [http://www.xbrl.org/2003/role/disclosureRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(27\)\(b\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(27)(b))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 12: [http://www.xbrl.org/2003/role/disclosureRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(28\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(28))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 13: <http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 2-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-2>Reference 14: [http://www.xbrl.org/2003/role/disclosureRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(29\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(29))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 15: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph \(SX 210.6-03\(i\)\(2\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3](http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph (SX 210.6-03(i)(2))-Publisher FASB-URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3)Reference 16: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph \(SX 210.6-03\(i\)\(1\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3](http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph (SX 210.6-03(i)(1))-Publisher FASB-URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3)Reference 17: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph \(SX 210.6-03\(i\)\(2\)\(i\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3](http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph (SX 210.6-03(i)(2)(i))-Publisher FASB-URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3)Reference 18: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph \(SX 210.6-03\(i\)\(2\)\(ii\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3](http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph (SX 210.6-03(i)(2)(ii))-Publisher FASB-URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3) + Details Name: us-gaap_ClassOfStockLineItems Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPercentage of ownership of equity interest excluding interest in entity that is consolidated and equity method investee. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef-Name Accounting Standards Codification-Section 50-Paragraph 1-SubTopic 10-Topic 321-Publisher FASB-URI https://asc.fasb.org/1943274/2147479536/321-10-50-1> + Details Name: us-gaap_EquityOwnershipPercentageExcludingConsolidatedEntityAndEquityMethodInvestee Namespace Prefix: us-gaap_Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionAmount of increase from purchase of net investment in sales-type and direct financing leases. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 326-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 11-Subparagraph \(h\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479319/326-20-50-11](http://www.xbrl.org/2003/role/disclosureRef-Topic 326-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 11-Subparagraph (h)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479319/326-20-50-11) + Details Name: us-gaap_NetInvestmentInLeasePurchase Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=gtec_JiuxinMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=gtec_XinchangCountyJiuhelInvestmentManagementPartnershipLPMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BusinessAcquisitionAxis=gtec_ZhejiangZhongchaiToZhongchaiHoldingMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_OwnershipAxis=gtec_ZhejiangZhongchaiMachineryCoLtdMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_OwnershipAxis=gtec_HangzhouGreenlandEnergyTechnologiesCoLtdMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_OwnershipAxis=gtec_HengyuCapitalLtdMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_OwnershipAxis=gtec_ZhejiangZhongchaiMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_OwnershipAxis=gtec_ZhongchaiHoldingMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 67 R56.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Organization and Principal Activities (Details) - Schedule of Subsidiary Included in these Unaudited Consolidated Financial Statements - Greenland Holding Enterprises Inc. [Member] 6 Months Ended Jun. 30, 2024 USD (\$) HKD [Member] | Zhongchai Holding (Hong Kong) Limited [Member] A Schedule of Subsidiary Included in these Unaudited Consolidated Financial Statements [Line Items] A Domicile and Date of Incorporation Hong Kong April 23, 2009 Principal Activities Holding Paid-in Capital \$ 10,000 Ownership Percentage 100.00% HKD [Member] | Hengyu Capital, Ltd [Member] A Schedule of Subsidiary Included in these Unaudited Consolidated Financial Statements [Line Items] A Domicile and Date of Incorporation Hong Kong August 16, 2022 Principal Activities Investment management and consulting services Paid-in Capital \$ 10,000 Ownership Percentage 62.50% RMB [Member] | Zhejiang Zhongchai Machinery Co., Ltd. [Member] A Schedule of Subsidiary Included in these Unaudited Consolidated Financial Statements [Line Items] A Domicile and Date of Incorporation PRC November 21, 2005 Principal Activities Manufacture, sale of various transmission boxes Paid-in Capital \$ 25,000,000 Ownership Percentage 71.576% RMB [Member] | Hangzhou Greenland Energy Technologies Co., Ltd. [Member] A Schedule of Subsidiary Included in these Unaudited Consolidated Financial Statements [Line Items] A Domicile and Date of Incorporation PRC August 8, 2020 Principal Activities Trading Paid-in Capital \$ 8,669,482 Ownership Percentage 100.00% USD [Member] | HEVI Corp. [Member] A Schedule of Subsidiary Included in these Unaudited Consolidated Financial Statements [Line Items] A Domicile and Date of Incorporation Delaware January 14, 2020 Principal Activities U.S. operation and distribution of electric industrial vehicles for North American market Paid-in Capital \$ 6,363,557 Ownership Percentage 100.00% USD [Member] | Greenland Holding Enterprises Inc. [Member] A Schedule of Subsidiary Included in these Unaudited Consolidated Financial Statements [Line Items] A Domicile and Date of Incorporation Delaware August 28, 2023 Principal Activities Holding Paid-in Capital \$ 1 Ownership Percentage 100.00% X - DefinitionDescription of domicile and date of incorporation. + ReferencesNo definition available. + Details Name: gtec_DomicileAndDateOfIncorporation Namespace Prefix: gtec_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionOwnership percentage. + ReferencesNo definition available. + Details Name: gtec_PercentageOfEffectiveOwnership Namespace Prefix: gtec_Data Type: dtr:percentItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts

included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Name Regulation S-X \(SX\) -Number 210 -Section 12 -Subsection 04 -Paragraph a -Publisher SEC](http://www.xbrl.org/2003/role/disclosureRef-Name Regulation S-X (SX) -Number 210 -Section 12 -Subsection 04 -Paragraph a -Publisher SEC)Reference 2: [http://www.xbrl.org/2003/role/disclosureRef-Name Regulation S-X \(SX\) -Number 210 -Section 5 -Subsection 04 -Paragraph c -Subparagraph Schedule I -Publisher SEC](http://www.xbrl.org/2003/role/disclosureRef-Name Regulation S-X (SX) -Number 210 -Section 5 -Subsection 04 -Paragraph c -Subparagraph Schedule I -Publisher SEC)Reference 3: [http://www.xbrl.org/2003/role/disclosureRef-Name Regulation S-X \(SX\) -Number 210 -Section 7 -Subsection 05 -Paragraph c -Subparagraph Schedule II -Publisher SEC](http://www.xbrl.org/2003/role/disclosureRef-Name Regulation S-X (SX) -Number 210 -Section 7 -Subsection 05 -Paragraph c -Subparagraph Schedule II -Publisher SEC)Reference 4: [http://www.xbrl.org/2003/role/disclosureRef-Name Regulation S-X \(SX\) -Number 210 -Section 9 -Subsection 06 -Publisher SEC](http://www.xbrl.org/2003/role/disclosureRef-Name Regulation S-X (SX) -Number 210 -Section 9 -Subsection 06 -Publisher SEC)Reference 5: [http://www.xbrl.org/2003/role/disclosureRef-Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph \(SX 210.12-04\(a\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-3](http://www.xbrl.org/2003/role/disclosureRef-Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-04(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-3)Reference 6: <http://www.xbrl.org/2003/role/recommendedDisclosureRef-Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-11 + Details Name:>

srt_CondensedFinancialStatementsCaptionsLineItems Namespace Prefix: srt_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionA description of the principal activities of an investee accounted for under the equity method. + ReferencesNo definition available. + Details Name: us-gaap_EquityMethodInvestmentDescriptionOfPrincipalActivities Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe amount of ownership interest of different classes of partners in limited partnership. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.3-04\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_PartnersCapital Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Details Name:](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_PartnersCapital Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Details Name:)

srt_StatementGeographicalAxis=country_HK Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name:

srt_ScheduleOfEquityMethodInvestmentEquityMethodInvesteeNameAxis=gtec_ZhongchaiHoldingHongKongLimitedMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_OwnershipAxis=gtec_GreenlandHoldingEnterprisesIncMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name:

srt_ScheduleOfEquityMethodInvestmentEquityMethodInvesteeNameAxis=gtec_HengyuCapitalLtdMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=country_CN Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ScheduleOfEquityMethodInvestmentEquityMethodInvesteeNameAxis=gtec_ZhejiangZhongchaiMachineryCoLtdMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name:

srt_ScheduleOfEquityMethodInvestmentEquityMethodInvesteeNameAxis=gtec_HangzhouGreenlandRoboticTechnologiesCoLtdMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=country_US Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ScheduleOfEquityMethodInvestmentEquityMethodInvesteeNameAxis=gtec_HEVICorpMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name:

srt_ScheduleOfEquityMethodInvestmentEquityMethodInvesteeNameAxis=gtec_GreenlandHoldingEnterprisesIncMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 68 R57.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Summary of Significant Accounting Policies (Details) 3 Months Ended 6 Months Ended Jun. 30, 2024 USD (\$) Jun. 30, 2023 USD (\$) Jun. 30, 2024 USD (\$) Jun. 30, 2024 CNY (¥) Jun. 30, 2023 USD (\$) Dec. 31, 2023 USD (\$) Apr. 01, 2019 Apr. 30, 2018 Summary of Significant Accounting Policies [Line Items] Á Á Á Á Á Á Á Percentage of voting power Á Á 50.00% 50.00% Á Á Á Advance to suppliers \$ 640,000 Á \$ 640,000 Á Á \$ 290,000 Á Á Straight-line method lease term Á Á 50 years 50 years Á Á Á Total sales return amount 0.04% 0.05% 0.04% Á 0.05% Á Á Total warrants expenditures amount Á Á 0.46% 0.46% 0.23% Á Á Research and development costs \$ 1,120,000 \$ 1,430,000 \$ 2,110,000 Á \$ 2,550,000 Á Á Other long-term liabilities 1,380,000 Á \$ 1,380,000 Á Á 1,530,000 Á Income tax rate Á Á 50.00% 50.00% Á Á Á Owned foreign enterprise percentage Á Á 10.00% 10.00% Á Á Á Registered capital percentage Á Á 50.00% 50.00% Á Á Á Number of reporting segments Á Á 1 Á Á Á Ownership percentage Á Á 10.00% 10.00% Á Á Á Insurance Á Á \$ 70,000 ¥ 500,000 Á Á Á Bank account balance 93,754 Á 93,754 Á Á 3,797,076 Á Á Deposit insurance 250,000 Á 250,000 Á Á Á Exceeding FDIC insurance 250,000 Á 250,000 Á Á Á PRC [Member] Á Á Á Á Á Summary of Significant Accounting Policies [Line Items] Á Á Á Á Á Insurance Á Á 70,000 ¥ 500,000 Á Á Á Bank account balance \$ 23,313,985 Á \$ 23,313,985 Á Á \$ 33,033,191 Á Á Minimum [Member] Á Á Á Á Á Summary of Significant Accounting Policies [Line Items] Á Á Á Á Á Office leases term Á Á 3 years 3 years Á Á Á Interest rate percentage Á Á Á Á Á 13.00% 16.00% Minimum [Member] | PRC [Member] Á Á Á Á Á Summary of Significant Accounting Policies [Line Items] Á Á Á Á Á Interest rate percentage Á Á Á Á Á 13.00% 16.00% Maximum [Member] Á Á Á Á Á Summary of Significant Accounting Policies [Line Items] Á Á Á Á Á Office leases term Á Á 5 years 6 months 5 years 6 months Á Á Á Interest rate percentage Á Á Á Á Á 17.00% Maximum [Member] | PRC [Member] Á Á Á Á Á Summary of Significant Accounting Policies [Line Items] Á Á Á Á Á Interest rate percentage Á Á Á Á Á 17.00% X - ReferencesNo definition available. + Details Name: gtec_AdvanceToSupplier Namespace Prefix: gtec_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionBank account balance. + ReferencesNo definition available. + Details Name: gtec_BankAccountBalance Namespace Prefix: gtec_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionInterest rate percentage. + ReferencesNo definition available. + Details Name: gtec_InterestRatePercentage Namespace Prefix: gtec_ Data Type: dtr:percentItemType Balance Type: na Period Type: instant X - DefinitionOffice leases terms. + ReferencesNo definition available. + Details Name: gtec_OfficeLeasesTerms Namespace Prefix: gtec_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionOwned foreign enterprise Percentage. + ReferencesNo definition available. + Details Name: gtec_OwnedForeignEnterprisePercentage Namespace Prefix: gtec_ Data Type: dtr:percentItemType Balance Type: na Period Type: duration X - DefinitionPercentage of Voting Power. + ReferencesNo definition available. + Details Name: gtec_PercentageOfVotingPower Namespace Prefix: gtec_ Data Type: dtr:percentItemType Balance Type: na Period Type: duration X - DefinitionPercentage of warrants expenditures amount. + ReferencesNo definition available. + Details Name: gtec_PercentageOfWarrantsExpendituresAmount Namespace Prefix: gtec_ Data Type: dtr:percentItemType Balance Type: na Period Type: duration X - DefinitionRegistered capital Percentage. + ReferencesNo definition available. + Details Name: gtec_RegisteredCapitalPercentage Namespace Prefix: gtec_ Data Type: dtr:percentItemType Balance Type: na Period Type: duration X - Definitionstraight-line method lease term. + ReferencesNo definition available. + Details Name: gtec_StraightlineMethodLeaseTerm Namespace Prefix: gtec_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionThe amount of cash deposited in financial institutions as of the balance sheet date that is insured by the Federal Deposit Insurance Corporation. + ReferencesNo definition available. + Details Name: us-gaap_CashFDICInsuredAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4 + Details Name: us-gaap_ChangeInAccountingEstimateLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPercentage of the difference between reported income tax expense \(benefit\) and expected income tax expense \(benefit\) computed by applying the domestic federal statutory income tax rates to pretax income \(loss\) from continuing operations attributable to tax credits. Including, but not limited to, research credit, foreign tax credit, investment tax credit, and other tax credits. + ReferencesReference 1:](http://www.xbrl.org/2003/role/disclosureRef-Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4 + Details Name: us-gaap_ChangeInAccountingEstimateLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPercentage of the difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic federal statutory income tax rates to pretax income (loss) from continuing operations attributable to tax credits. Including, but not limited to, research credit, foreign tax credit, investment tax credit, and other tax credits. + ReferencesReference 1:)

[http://www.xbrl.org/2003/role/disclosureRef-Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12A -Subparagraph \(b\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12A](http://www.xbrl.org/2003/role/disclosureRef-Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12A -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12A)Reference 2: [http://www.xbrl.org/2003/role/disclosureRef-Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12A -Subparagraph \(a\)\(5\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12A](http://www.xbrl.org/2003/role/disclosureRef-Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12A -Subparagraph (a)(5) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12A)Reference 3: <http://www.xbrl.org/2009/role/commonPracticeRef-Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12>Reference 4: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.4-08\(h\)\(2\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1 + Details Name: us-gaap_EffectiveIncomeTaxRateReconciliationTaxCredits Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionThe expense in the period incurred with respect to protection provided by insurance entities against risks other than risks associated with production \(which are allocated to cost of sales\). + ReferencesReference 1:](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1 + Details Name: us-gaap_EffectiveIncomeTaxRateReconciliationTaxCredits Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionThe expense in the period incurred with respect to protection provided by insurance entities against risks other than risks associated with production (which are allocated to cost of sales). + ReferencesReference 1:)

[http://fasb.org/us-gaap/role/ref/legacyRef-Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph \(SX 210.5-03\(4\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_GeneralInsuranceExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionNumber of reporting units tested for impairment of goodwill. A reporting unit is an operating segment or one level below an operating segment. + ReferencesNo definition available. + Details Name: us-gaap_NumberOfReportingUnits Namespace Prefix: us-gaap_ Data Type: xbrli:integerItemType Balance Type: na Period Type: duration X - DefinitionAmount of long-term debt classified as other. + ReferencesReference 1:](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_GeneralInsuranceExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionNumber of reporting units tested for impairment of goodwill. A reporting unit is an operating segment or one level below an operating segment. + ReferencesNo definition available. + Details Name: us-gaap_NumberOfReportingUnits Namespace Prefix: us-gaap_ Data Type: xbrli:integerItemType Balance Type: na Period Type: duration X - DefinitionAmount of long-term debt classified as other. + ReferencesReference 1:)

[http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(22\)\) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-03\(16\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1)Reference 3: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-03\(a\)\(16\)\(a\)\(2\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_OtherLongTermDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of other research and development expense. + ReferencesReference 1:](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(16)(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_OtherLongTermDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of other research and development expense. + ReferencesReference 1:)

<http://www.xbrl.org/2009/role/commonPracticeRef-Topic 730 -SubTopic 10 -Name Accounting Standards Codification -Section>

50 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482916/730-10-50-1> + Details Name: us-gaap_OtherResearchAndDevelopmentExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionPercentage of remaining performance obligation to total remaining performance obligation not recognized as revenue. + ReferencesReference 1: [http://www.xbrl.org/2009/role/commonPracticeRef-Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph \(b\)\(1\) -SubTopic 10 -Topic 606 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-13](http://www.xbrl.org/2009/role/commonPracticeRef-Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (b)(1) -SubTopic 10 -Topic 606 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-13) + Details Name: us-gaap_RevenueRemainingPerformanceObligationPercentage Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionAmount of time deposit liabilities, including certificates of deposit, in denominations that meet or exceed the Federal Deposit Insurance Corporation (FDIC) insurance limit. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 405 -Topic 942 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478353/942-405-50-1> + Details Name: us-gaap_TimeDepositsAtOrAboveFDICInsuranceLimit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPercentage of the Variable Interest Entity's (VIE) voting interest owned by (or beneficial interest in) the reporting entity (directly or indirectly). + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 50 -Paragraph 5A -Subparagraph \(d\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-5A](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 50 -Paragraph 5A -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-5A) + Details Name: us-gaap_VariableInterestEntityOwnershipPercentage Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - Details Name: srt_StatementGeographicalAxis=gtec_PRCMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 69 R58.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Summary of Significant Accounting Policies (Details) - Schedule of Gain and Losses on Foreign Currency Transactions and Balances Jun. 30, 2024 Dec. 31, 2023 Jun. 30, 2023 Schedule of Gain and Losses on Foreign Currency Transaction [Line Items] Á Á Period end RMB: US\$ exchange rate 7.2672 7.0999 Á Period average RMB: US\$ exchange rate 7.215 Á 6.8423 X - DefinitionForeign currency average exchange rate. + ReferencesNo definition available. + Details Name: gtec_ForeignCurrencyAverageExchangeRateTranslation1 Namespace Prefix: gtec_ Data Type: xbrli:pureItemType Balance Type: na Period Type: instant X - DefinitionForeign exchange rate used to translate amounts denominated in functional currency to reporting currency. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef-Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-2>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef-Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479424/830-30-S99-1> + Details Name: us-gaap_ForeignCurrencyExchangeRateTranslation1 Namespace Prefix: us-gaap_ Data Type: xbrli:pureItemType Balance Type: na Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_ForeignCurrencyFairValueHedgeDerivativeLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 70 R59.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Summary of Significant Accounting Policies (Details) - Schedule of Fair Value Measurements of Assets and Liabilities that are Measured at Recurring Basis - USD (\$) Jun. 30, 2024 Dec. 31, 2023 Schedule of Fair Value Measurements of Assets and Liabilities that are Measured at Recurring Basis [Line Items] Á Á Short term investment \$ 5,504,183 \$ 2,818,068 Warrants liability 1,180,281 Á Total 6,684,464 Á Active Market for Identical Assets (Level 1) [Member] Á Á Schedule of Fair Value Measurements of Assets and Liabilities that are Measured at Recurring Basis [Line Items] Á Á Short term investment 5,504,183 Á Warrants liability Á Total 5,504,183 Á Observable Inputs (Level 2) [Member] Á Á Schedule of Fair Value Measurements of Assets and Liabilities that are Measured at Recurring Basis [Line Items] Á Á Short term investment Á Warrants liability 1,180,281 Á Total 1,180,281 Á Unobservable Inputs (Level 3) [Member] Á Á Schedule of Fair Value Measurements of Assets and Liabilities that are Measured at Recurring Basis [Line Items] Á Á Short term investment Á Warrants liability Á Total Á X - DefinitionFair value, after the effects of master netting arrangements, of a financial liability or contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset, expected to be settled after one year or the normal operating cycle, if longer. Includes assets not subject to a master netting arrangement and not elected to be offset. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3](http://www.xbrl.org/2003/role/disclosureRef-Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3) + Details Name: us-gaap_DerivativeLiabilitiesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef-Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100>Reference 2: [http://www.xbrl.org/2003/role/disclosureRef-Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2)Reference 3: [http://www.xbrl.org/2003/role/disclosureRef-Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2)Reference 4: [http://www.xbrl.org/2003/role/disclosureRef-Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3](http://www.xbrl.org/2003/role/disclosureRef-Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3) + Details Name: us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFair value of asset after deduction of liability. + ReferencesReference 1: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2)Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2) + Details Name: us-gaap_FairValueNetAssetLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of investments including trading securities, available-for-sale securities, held-to-maturity securities, and short-term investments classified as other and current. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-03\(4\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1)Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-03\(5\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1)Reference 3: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(8\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1) + Details Name: us-gaap_ShortTermInvestments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel1Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel2Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel3Member Namespace Prefix: Data Type: na Balance Type: Period Type: XML 71 R60.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Summary of Significant Accounting Policies (Details) - Schedule of Estimated Useful Lives Jun. 30, 2024 Buildings [Member] Á Schedule of Estimated Useful Lives [Line Items] Á Estimated useful lives 20 years Motor vehicles [Member] Á Schedule of Estimated Useful Lives [Line Items] Á Estimated useful lives 4 years Fixed assets decoration [Member] Á Schedule of Estimated Useful Lives [Line Items] Á Estimated useful lives 5 years Minimum [Member] | Machinery [Member] Á Schedule of Estimated Useful Lives [Line Items] Á Estimated useful lives 2 years Minimum [Member] | Electronic equipment [Member] Á Schedule of Estimated Useful Lives [Line Items] Á Estimated useful lives 3 years Maximum [Member] | Machinery [Member] Á Schedule of Estimated Useful Lives [Line Items] Á Estimated useful lives 10 years Maximum [Member] | Electronic equipment [Member] Á Schedule of Estimated Useful Lives [Line Items] Á Estimated useful lives 5 years X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-7A](http://www.xbrl.org/2003/role/disclosureRef-Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-7A) + Details Name: us-gaap_PropertyPlantAndEquipmentLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionUseful life of long lived, physical assets used in the normal conduct of business and not intended for resale, in 'PnYmMnDtnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. Examples include, but not limited to, land, buildings, machinery and equipment, office equipment, furniture and fixtures, and computer equipment. + ReferencesNo definition available. + Details Name: us-gaap_PropertyPlantAndEquipmentUsefulLife Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: instant X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=us-gaap_BuildingMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=us-gaap_VehiclesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=us-gaap_FurnitureAndFixturesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=us-gaap_MachineryAndEquipmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=gtec_ElectronicEquipmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 72 R61.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Summary of Significant Accounting Policies (Details) - Schedule of Sets Forth

Disaggregation of Revenue - USD (\$) 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Schedule of Sets Forth Disaggregation of Revenue [Line Items] Á Á Á Disaggregation of revenue \$ 23,017,260 \$ 23,569,449 \$ 45,740,851 \$ 45,718,809 Transmission boxes for Forklift [Member] Á Á Á Schedule of Sets Forth Disaggregation of Revenue [Line Items] Á Á Á Á Disaggregation of revenue 21,035,937 22,657,220 42,810,331 43,525,959 Transmission boxes for Non-Forklift (EV, etc.) [Member] Á Á Á Á Schedule of Sets Forth Disaggregation of Revenue [Line Items] Á Á Á Á Disaggregation of revenue \$ 1,981,323 \$ 912,229 \$ 2,930,520 \$ 2,192,850 X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef-Topic 606-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 5-Publisher FASB-URI https://asc.fasb.org/1943274/2147479806/606-10-50-5>Reference 2: [http://www.xbrl.org/2003/role/exampleRef-Topic 606-SubTopic 10-Name Accounting Standards Codification-Section 55-Paragraph 91-Subparagraph \(a\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479777/606-10-55-91](http://www.xbrl.org/2003/role/exampleRef-Topic 606-SubTopic 10-Name Accounting Standards Codification-Section 55-Paragraph 91-Subparagraph (a)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479777/606-10-55-91)Reference 3: [http://www.xbrl.org/2003/role/exampleRef-Topic 606-SubTopic 10-Name Accounting Standards Codification-Section 55-Paragraph 91-Subparagraph \(b\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479777/606-10-55-91](http://www.xbrl.org/2003/role/exampleRef-Topic 606-SubTopic 10-Name Accounting Standards Codification-Section 55-Paragraph 91-Subparagraph (b)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479777/606-10-55-91)Reference 4: [http://www.xbrl.org/2003/role/exampleRef-Topic 606-SubTopic 10-Name Accounting Standards Codification-Section 55-Paragraph 91-Subparagraph \(c\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479777/606-10-55-91](http://www.xbrl.org/2003/role/exampleRef-Topic 606-SubTopic 10-Name Accounting Standards Codification-Section 55-Paragraph 91-Subparagraph (c)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479777/606-10-55-91)Reference 5: [http://www.xbrl.org/2003/role/exampleRef-Topic 606-SubTopic 10-Name Accounting Standards Codification-Section 55-Paragraph 91-Subparagraph \(d\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479777/606-10-55-91](http://www.xbrl.org/2003/role/exampleRef-Topic 606-SubTopic 10-Name Accounting Standards Codification-Section 55-Paragraph 91-Subparagraph (d)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479777/606-10-55-91)Reference 6: [http://www.xbrl.org/2003/role/exampleRef-Topic 606-SubTopic 10-Name Accounting Standards Codification-Section 55-Paragraph 91-Subparagraph \(e\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479777/606-10-55-91](http://www.xbrl.org/2003/role/exampleRef-Topic 606-SubTopic 10-Name Accounting Standards Codification-Section 55-Paragraph 91-Subparagraph (e)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479777/606-10-55-91)Reference 7: [http://www.xbrl.org/2003/role/exampleRef-Topic 606-SubTopic 10-Name Accounting Standards Codification-Section 55-Paragraph 91-Subparagraph \(f\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479777/606-10-55-91](http://www.xbrl.org/2003/role/exampleRef-Topic 606-SubTopic 10-Name Accounting Standards Codification-Section 55-Paragraph 91-Subparagraph (f)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479777/606-10-55-91)Reference 8: [http://www.xbrl.org/2003/role/exampleRef-Topic 606-SubTopic 10-Name Accounting Standards Codification-Section 55-Paragraph 91-Subparagraph \(g\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479777/606-10-55-91](http://www.xbrl.org/2003/role/exampleRef-Topic 606-SubTopic 10-Name Accounting Standards Codification-Section 55-Paragraph 91-Subparagraph (g)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479777/606-10-55-91) + Details Name: us-gaap_DisaggregationOfRevenueLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of revenue recognized from goods sold, services rendered, insurance premiums, or other activities that constitute an earning process. Includes, but is not limited to, investment and interest income before deduction of interest expense when recognized as a component of revenue, and sales and trading gain (loss). + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 55-Paragraph 48-Publisher FASB-URI https://asc.fasb.org/1943274/2147482785/280-10-55-48>Reference 2: [http://www.xbrl.org/2003/role/disclosureRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 41-Subparagraph \(a\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482810/280-10-50-41](http://www.xbrl.org/2003/role/disclosureRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 41-Subparagraph (a)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482810/280-10-50-41)Reference 3: [http://www.xbrl.org/2003/role/disclosureRef-Topic 270-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 1-Subparagraph \(i\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482964/270-10-50-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 270-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 1-Subparagraph (i)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482964/270-10-50-1)Reference 4: [http://www.xbrl.org/2003/role/disclosureRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 32-Subparagraph \(ee\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482810/280-10-50-32](http://www.xbrl.org/2003/role/disclosureRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 32-Subparagraph (ee)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482810/280-10-50-32)Reference 5: [http://fasb.org/us-gaap/role/ref/otherTransitionRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 32-Subparagraph \(b\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482810/280-10-50-32](http://fasb.org/us-gaap/role/ref/otherTransitionRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 32-Subparagraph (b)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482810/280-10-50-32)Reference 6: [http://fasb.org/us-gaap/role/ref/otherTransitionRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 32-Subparagraph \(a\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482810/280-10-50-32](http://fasb.org/us-gaap/role/ref/otherTransitionRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 32-Subparagraph (a)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482810/280-10-50-32)Reference 7: [http://www.xbrl.org/2003/role/disclosureRef-Topic 235-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.4-08\(g\)\(1\)\(ii\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 235-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.4-08(g)(1)(ii))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1)Reference 8: [http://www.xbrl.org/2003/role/disclosureRef-Topic 323-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 3-Subparagraph \(c\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481687/323-10-50-3](http://www.xbrl.org/2003/role/disclosureRef-Topic 323-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 3-Subparagraph (c)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481687/323-10-50-3)Reference 9: [http://www.xbrl.org/2003/role/disclosureRef-Topic 825-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 28-Subparagraph \(f\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482907/825-10-50-28](http://www.xbrl.org/2003/role/disclosureRef-Topic 825-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 28-Subparagraph (f)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482907/825-10-50-28)Reference 10: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph \(SX 210.13-01\(a\)\(4\)\(i\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph (SX 210.13-01(a)(4)(i))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 11: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph \(SX 210.13-01\(a\)\(4\)\(ii\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph (SX 210.13-01(a)(4)(ii))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 12: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph \(SX 210.13-01\(a\)\(4\)\(iii\)\(A\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph (SX 210.13-01(a)(4)(iii)(A))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 13: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph \(SX 210.13-01\(a\)\(4\)\(iv\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph (SX 210.13-01(a)(4)(iv))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 14: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph \(SX 210.13-01\(a\)\(5\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph (SX 210.13-01(a)(5))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 15: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph \(SX 210.13-02\(a\)\(4\)\(i\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph (SX 210.13-02(a)(4)(i))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 16: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph \(SX 210.13-02\(a\)\(4\)\(iii\)\(A\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph (SX 210.13-02(a)(4)(iii)(A))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 17: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph \(SX 210.13-02\(a\)\(4\)\(iii\)\(B\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph (SX 210.13-02(a)(4)(iii)(B))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 18: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph \(SX 210.13-02\(a\)\(4\)\(iv\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph (SX 210.13-02(a)(4)(iv))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 19: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph \(SX 210.13-02\(a\)\(5\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph (SX 210.13-02(a)(5))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 20: [http://www.xbrl.org/2003/role/disclosureRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 30-Subparagraph \(a\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482810/280-10-50-30](http://www.xbrl.org/2003/role/disclosureRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 30-Subparagraph (a)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482810/280-10-50-30)Reference 21: <http://www.xbrl.org/2003/role/disclosureRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 42-Publisher FASB-URI https://asc.fasb.org/1943274/2147482810/280-10-50-42>Reference 22: [http://www.xbrl.org/2003/role/disclosureRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 22-Subparagraph \(b\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482810/280-10-50-22](http://www.xbrl.org/2003/role/disclosureRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 22-Subparagraph (b)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482810/280-10-50-22)Reference 23: <http://www.xbrl.org/2003/role/disclosureRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 40-Publisher FASB-URI https://asc.fasb.org/1943274/2147482810/280-10-50-40>Reference 24: [http://www.xbrl.org/2003/role/disclosureRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 22-Subparagraph \(a\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482810/280-10-50-22](http://www.xbrl.org/2003/role/disclosureRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 22-Subparagraph (a)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482810/280-10-50-22)Reference 25: [http://www.xbrl.org/2003/role/disclosureRef-Topic 942-SubTopic 235-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.9-05\(b\)\(2\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 942-SubTopic 235-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.9-05(b)(2))-Publisher FASB-URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1)Reference 26: [http://www.xbrl.org/2003/role/disclosureRef-Topic 220-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 2-Subparagraph \(SX 210.5-03\(1\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 220-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 2-Subparagraph (SX 210.5-03(1))-Publisher FASB-URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2) + Details Name: us-gaap_Revenues Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: srt_ProductOrServiceAxis=gtec_ForkliftMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ProductOrServiceAxis=gtec_NonForkliftMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 73 R62.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Short Term Investment (Details) Jun. 30, 2024 USD (\$) Jun. 30, 2024 CNY (¥) Dec. 31, 2023 USD (\$) Short Term Investment [Abstract] Á Á Á Short term investment \$ 5,504,183 Á \$ 2,818,068 Bank management products purchased 5,544,006 Á¥ 40,000,000 Á Fair value of bank management products \$ 5,504,183 Á¥ 40,000,000 Á X - DefinitionCost of the investment. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef-Topic 946-SubTopic 210-Name Accounting Standards Codification-Section 55-Paragraph 1-Publisher FASB-URI https://asc.fasb.org/1943274/2147477439/946-210-55-1>Reference 2: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 210-Name Accounting Standards Codification-Section 50-Paragraph 6-Subparagraph \(a\)\(1\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147478795/946-210-50-6](http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 210-Name Accounting Standards Codification-Section 50-Paragraph 6-Subparagraph (a)(1)-Publisher FASB-URI https://asc.fasb.org/1943274/2147478795/946-210-50-6)Reference 3: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 210-Name Accounting Standards Codification-Section 50-Paragraph 6-Subparagraph \(a\)\(2\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147478795/946-210-50-6](http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 210-Name Accounting Standards Codification-Section 50-Paragraph 6-Subparagraph (a)(2)-Publisher FASB-URI https://asc.fasb.org/1943274/2147478795/946-210-50-6)Reference 4: <http://www.xbrl.org/2003/role/exampleRef-Topic 946-SubTopic 830-Name Accounting Standards Codification-Section 55-Paragraph 12-Publisher FASB-URI https://asc.fasb.org/1943274/2147479168/946-830-55-12>Reference 5: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 946-SubTopic 210-Name Accounting Standards Codification-Section 50-Paragraph 6-Subparagraph \(a\)\(3\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147478795/946-210-50-6](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 946-SubTopic 210-Name Accounting Standards Codification-Section 50-Paragraph 6-Subparagraph (a)(3)-Publisher FASB-URI https://asc.fasb.org/1943274/2147478795/946-210-50-6)Reference 6: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph \(SX 210.6-03\(d\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3](http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph (SX 210.6-03(d))-Publisher FASB-URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3)Reference 7: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 320-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.12-12\(Column C\)\(Footnote 8\)\(a\)\(3\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147477271/946-320-S99-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 320-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.12-12(Column C)(Footnote 8)(a)(3))-Publisher FASB-URI https://asc.fasb.org/1943274/2147477271/946-320-S99-1)Reference 8: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 320-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph \(SX 210.12-12B\(Column C\)\(Footnote 11\)\(a\)\(3\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147477271/946-320-S99-3](http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 320-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph (SX 210.12-12B(Column C)(Footnote 11)(a)(3))-Publisher FASB-URI https://asc.fasb.org/1943274/2147477271/946-320-S99-3)Reference 9: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 320-Name Accounting Standards Codification-Section S99-Paragraph 6-Subparagraph \(a\)\(3\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147477271/946-320-S99-3](http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 320-Name Accounting Standards Codification-Section S99-Paragraph 6-Subparagraph (a)(3)-Publisher FASB-URI https://asc.fasb.org/1943274/2147477271/946-320-S99-3)

Subparagraph (SX 210.12-14(Column F)(Footnote 5)(a)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477271/946-320-S99-6>Reference 10: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 19 -Subparagraph \(3\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-19 + Details Name: us-gaap InvestmentOwnedAtCost Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionFair value of investment in security owned. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.6-04\(11\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 19 -Subparagraph (3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-19 + Details Name: us-gaap InvestmentOwnedAtCost Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionFair value of investment in security owned. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1)Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6)Reference 3: <http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 55 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477439/946-210-55-1>Reference 4: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph \(a\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6)Reference 5: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph \(a\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6)Reference 6: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(a\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1)Reference 7: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(b\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1)Reference 8: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(b\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1)Reference 9: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(c\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1)Reference 10: <http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-2>Reference 11: <http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12>Reference 12: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph \(a\)\(3\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6)Reference 13: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph \(SX 210.6-03\(d\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-03(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3)Reference 14: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.6-04\(1\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1)Reference 15: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.6-04\(2\)\(a\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(2)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1)Reference 16: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.6-04\(2\)\(b\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(2)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1)Reference 17: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.12-12\(Column C\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.12-12(Column C)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-1)Reference 18: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.12-12\(Column A\)\(Footnote 1\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.12-12(Column A)(Footnote 1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-1)Reference 19: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.12-12\(Column C\)\(Footnote 5\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.12-12(Column C)(Footnote 5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-1)Reference 20: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.12-12\(Column C\)\(Footnote 6\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.12-12(Column C)(Footnote 6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-1)Reference 21: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph \(SX 210.12-12B\(Column C\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-12B(Column C)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-3)Reference 22: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph \(SX 210.12-12B\(Column C\)\(Footnote 2\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-12B(Column C)(Footnote 2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-3)Reference 23: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph \(SX 210.12-12B\(Column A\)\(Footnote 6\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-12B(Column A)(Footnote 6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-3)Reference 24: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph \(SX 210.12-12B\(Column A\)\(Footnote 7\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-12B(Column A)(Footnote 7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-3)Reference 25: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph \(SX 210.12-12B\(Column C\)\(Footnote 9\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-12B(Column C)(Footnote 9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-3)Reference 26: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 6 -Subparagraph \(SX 210.12-14\(Column F\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-6](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 6 -Subparagraph (SX 210.12-14(Column F)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-6)Reference 27: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 6 -Subparagraph \(SX 210.12-14\(Column A\)\(Footnote 1\)\(b\)\(2\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-6](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 6 -Subparagraph (SX 210.12-14(Column A)(Footnote 1)(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-6)Reference 28: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 6 -Subparagraph \(SX 210.12-14\(Column A\)\(Footnote 1\)\(b\)\(5\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-6](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 6 -Subparagraph (SX 210.12-14(Column A)(Footnote 1)(b)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-6)Reference 29: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 6 -Subparagraph \(SX 210.12-14\(Column F\)\(Footnote 4\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-6](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 6 -Subparagraph (SX 210.12-14(Column F)(Footnote 4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-6)Reference 30: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 6 -Subparagraph \(SX 210.12-14\(Column F\)\(Footnote 7\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-6 + Details Name: us-gaap InvestmentOwnedAtFairValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of investments including trading securities, available-for-sale securities, held-to-maturity securities, and short-term investments classified as other and current. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-03\(4\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 6 -Subparagraph (SX 210.12-14(Column F)(Footnote 7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-6 + Details Name: us-gaap InvestmentOwnedAtFairValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of investments including trading securities, available-for-sale securities, held-to-maturity securities, and short-term investments classified as other and current. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1)Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-03\(5\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1)Reference 3: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(8\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap ShortTermInvestments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap ShortTermInvestmentsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 74 R63.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Concentration on Revenues and Cost of Goods Sold \(Details\) 6 Months Ended Jun. 30, 2024 Dec. 31, 2023 Customer Concentration Risk \[Member\] | Major Customers \[Member\] | Accounts Receivable \[Member\] Â Â Concentration on Revenues and Cost of Goods Sold \[Line Items\] Â Â Concentration risk percentage 44.35% 48.71% X - ReferencesNo definition available. + Details Name: gtec ConcentrationonRevenuesandCostofGoodsSoldDetailsLineItems Namespace Prefix: gtec_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFor an entity that discloses a concentration risk in relation to quantitative amount, which serves as the "benchmark" \(or denominator\) in the equation, this concept represents the concentration percentage derived from the division. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap ShortTermInvestments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap ShortTermInvestmentsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 74 R63.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Concentration on Revenues and Cost of Goods Sold (Details) 6 Months Ended Jun. 30, 2024 Dec. 31, 2023 Customer Concentration Risk [Member] | Major Customers [Member] | Accounts Receivable [Member] Â Â Concentration on Revenues and Cost of Goods Sold [Line Items] Â Â Concentration risk percentage 44.35% 48.71% X - ReferencesNo definition available. + Details Name: gtec ConcentrationonRevenuesandCostofGoodsSoldDetailsLineItems Namespace Prefix: gtec_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFor an entity that discloses a concentration risk in relation to quantitative amount, which serves as the)Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 21 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-21](http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 21 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-21)Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-20>Reference 4: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-18>Reference 5:

customers [Member] Â Â Concentration Risk [Line Items] Â Â Total Revenues \$ 12,175,490 \$ 12,518,170 Customer Concentration Risk [Member] | Company A [Member] | Revenue Benchmark [Member] Â Â Concentration Risk [Line Items] Â Â Customer percentage 14.76% 16.59% Customer Concentration Risk [Member] | Company B [Member] | Revenue Benchmark [Member] Â Â Concentration Risk [Line Items] Â Â Customer percentage 11.86% 10.79% Customer Concentration Risk [Member] | Total Major customers [Member] | Revenue Benchmark [Member] Â Â Concentration Risk [Line Items] Â Â Customer percentage 26.62% 27.38% X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef-Topic 954-SubTopic 310-Name Accounting Standards Codification-Section 50-Paragraph 2-Publisher FASB-URI https://asc.fasb.org/1943274/2147478785/954-310-50-2> + Details Name: us-gaap_ConcentrationRiskLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFor an entity that discloses a concentration risk in relation to quantitative amount, which serves as the "benchmark" (or denominator) in the equation, this concept represents the concentration percentage derived from the division. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 42-Publisher FASB-URI https://asc.fasb.org/1943274/2147482810/280-10-50-42>Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 825-SubTopic 10-Section 50-Paragraph 21-Subparagraph \(a\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482907/825-10-50-21](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 825-SubTopic 10-Section 50-Paragraph 21-Subparagraph (a)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482907/825-10-50-21)Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 825-SubTopic 10-Section 50-Paragraph 20-Publisher FASB-URI https://asc.fasb.org/1943274/2147482907/825-10-50-20>Reference 4: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 275-SubTopic 10-Section 50-Paragraph 18-Publisher FASB-URI https://asc.fasb.org/1943274/2147482861/275-10-50-18>Reference 5: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 275-SubTopic 10-Section 50-Paragraph 20-Publisher FASB-URI https://asc.fasb.org/1943274/2147482861/275-10-50-20> + Details Name: us-gaap_ConcentrationRiskPercentage1 Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionFair value of account receivable subject to concentration of credit or market risk or both. + ReferencesReference 1: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 825-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 21-Subparagraph \(b\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482907/825-10-50-21](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 825-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 21-Subparagraph (b)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482907/825-10-50-21) + Details Name: us-gaap_FairValueConcentrationOfRiskAccountsReceivable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: srt_MajorCustomersAxis=gtec_CompanyAOneMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=gtec_CompanyBOneMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=gtec_TotalMajorCustomersMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ConcentrationRiskByTypeAxis=us-gaap_CustomerConcentrationRiskMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ConcentrationRiskByBenchmarkAxis=us-gaap_SalesRevenueNetMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 76 R65.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Concentration on Revenues and Cost of Goods Sold (Details) - Schedule of Major Customers of Accounts Receivable - USD (\$) 6 Months Ended 12 Months Ended Jun. 30, 2024 Dec. 31, 2023 Schedule of Major Customers of Accounts Receivable [Line Items] Â Â Accounts receivable, net \$ 9,703,755 \$ 8,451,944 Company A [Member] Â Â Schedule of Major Customers of Accounts Receivable [Line Items] Â Â Accounts receivable, net 2,303,134 2,143,828 Company B [Member] Â Â Schedule of Major Customers of Accounts Receivable [Line Items] Â Â Accounts receivable, net 2,277,049 1,582,994 Company C [Member] Â Â Schedule of Major Customers of Accounts Receivable [Line Items] Â Â Accounts receivable, net 1,385,357 1,415,116 Company D [Member] Â Â Schedule of Major Customers of Accounts Receivable [Line Items] Â Â Accounts receivable, net 1,318,489 1,370,447 Company E [Member] Â Â Schedule of Major Customers of Accounts Receivable [Line Items] Â Â Accounts receivable, net 1,238,557 1,192,684 Company F [Member] Â Â Schedule of Major Customers of Accounts Receivable [Line Items] Â Â Accounts receivable, net \$ 1,181,169 \$ 746,874 Customer Concentration Risk [Member] | Major Customers [Member] | Accounts Receivable [Member] Â Â Schedule of Major Customers of Accounts Receivable [Line Items] Â Â Percentage of revenues 44.35% 48.71% Customer Concentration Risk [Member] | Major Customers [Member] | Accounts Receivable [Member] | Company A [Member] Â Â Schedule of Major Customers of Accounts Receivable [Line Items] Â Â Percentage of revenues 10.52% 12.36% Customer Concentration Risk [Member] | Major Customers [Member] | Accounts Receivable [Member] | Company B [Member] Â Â Schedule of Major Customers of Accounts Receivable [Line Items] Â Â Percentage of revenues 10.41% 9.12% Customer Concentration Risk [Member] | Major Customers [Member] | Accounts Receivable [Member] | Company C [Member] Â Â Schedule of Major Customers of Accounts Receivable [Line Items] Â Â Percentage of revenues 6.33% 8.16% Customer Concentration Risk [Member] | Major Customers [Member] | Accounts Receivable [Member] | Company D [Member] Â Â Schedule of Major Customers of Accounts Receivable [Line Items] Â Â Percentage of revenues 6.03% 7.90% Customer Concentration Risk [Member] | Major Customers [Member] | Accounts Receivable [Member] | Company E [Member] Â Â Schedule of Major Customers of Accounts Receivable [Line Items] Â Â Percentage of revenues 5.66% 6.87% Customer Concentration Risk [Member] | Major Customers [Member] | Accounts Receivable [Member] | Company F [Member] Â Â Schedule of Major Customers of Accounts Receivable [Line Items] Â Â Percentage of revenues 5.40% 4.30% X - DefinitionAmount, after allowance for credit loss, of right to consideration from customer for product sold and service rendered in normal course of business. + ReferencesReference 1: [http://www.xbrl.org/2003/role/exampleRef-Topic 946-SubTopic 310-Name Accounting Standards Codification-Section 45-Paragraph 1-Subparagraph \(d\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147477802/946-310-45-1](http://www.xbrl.org/2003/role/exampleRef-Topic 946-SubTopic 310-Name Accounting Standards Codification-Section 45-Paragraph 1-Subparagraph (d)-Publisher FASB-URI https://asc.fasb.org/1943274/2147477802/946-310-45-1)Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 944-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.7-03\(a\)\(5\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 944-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.7-03(a)(5))-Publisher FASB-URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1)Reference 3: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.6-04\(b\)\(b\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.6-04(b)(b))-Publisher FASB-URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1)Reference 4: <http://www.xbrl.org/2003/role/disclosureRef-Topic 954-SubTopic 310-Name Accounting Standards Codification-Section 45-Paragraph 1-Publisher FASB-URI https://asc.fasb.org/1943274/2147479196/954-310-45-1>Reference 5: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 944-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.7-03\(a\)\(3\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 944-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.7-03(a)(3))-Publisher FASB-URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1) + Details Name: us-gaap_AccountsReceivableNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionFor an entity that discloses a concentration risk in relation to quantitative amount, which serves as the "benchmark" (or denominator) in the equation, this concept represents the concentration percentage derived from the division. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 42-Publisher FASB-URI https://asc.fasb.org/1943274/2147482810/280-10-50-42>Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 825-SubTopic 10-Section 50-Paragraph 21-Subparagraph \(a\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482907/825-10-50-21](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 825-SubTopic 10-Section 50-Paragraph 21-Subparagraph (a)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482907/825-10-50-21)Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 825-SubTopic 10-Section 50-Paragraph 20-Publisher FASB-URI https://asc.fasb.org/1943274/2147482907/825-10-50-20>Reference 4: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 275-SubTopic 10-Section 50-Paragraph 18-Publisher FASB-URI https://asc.fasb.org/1943274/2147482861/275-10-50-18>Reference 5: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 275-SubTopic 10-Section 50-Paragraph 20-Publisher FASB-URI https://asc.fasb.org/1943274/2147482861/275-10-50-20> + Details Name: us-gaap_ConcentrationRiskPercentage1 Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_EntityWideRevenueMajorCustomerLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_ShareBasedGoodsAndNonemployeeServicesTransactionBySupplierAxis=gtec_CompanyAOneMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ShareBasedGoodsAndNonemployeeServicesTransactionBySupplierAxis=gtec_CompanyBOneMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ShareBasedGoodsAndNonemployeeServicesTransactionBySupplierAxis=gtec_CompanyCMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ShareBasedGoodsAndNonemployeeServicesTransactionBySupplierAxis=gtec_CompanyDMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ShareBasedGoodsAndNonemployeeServicesTransactionBySupplierAxis=gtec_CompanyEMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ShareBasedGoodsAndNonemployeeServicesTransactionBySupplierAxis=gtec_CompanyFMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ConcentrationRiskByTypeAxis=us-gaap_CustomerConcentrationRiskMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=gtec_MajorCustomersMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ConcentrationRiskByBenchmarkAxis=us-gaap_AccountsReceivableMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 77 R66.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Accounts Receivable (Details) - Schedule of Accounts Receivable is Net of Allowance for Expected Credit Losses - USD (\$) Jun. 30, 2024 Dec. 31, 2023 Schedule of Accounts Receivable is Net of Allowance for Expected Credit Losses [Line Items] Â Â Accounts receivable \$ 23,295,414 \$ 17,351,398 Less: allowance for expected credit losses (1,412,545) (867,865) Accounts receivable, net \$ 21,882,869 \$ 16,483,533 X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef-Topic 310-SubTopic 20-Name Accounting Standards Codification-Section 40-Paragraph 7-Publisher FASB-URI https://asc.fasb.org/1943274/2147481628/310-20-40-7>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef-Topic 310-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 2-Publisher FASB-URI https://asc.fasb.org/1943274/2147481990/310-10-45-2> + Details Name: us-gaap_AccountsNotesAndLoansReceivableLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance

na:Period Type: duration X - DefinitionAmount, before allowance for credit loss, of right to consideration from customer for product sold and service rendered in normal course of business, classified as current. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef-Topic 310-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 2-Publisher FASB-URI https://asc.fasb.org/1943274/2147481990/310-10-45-2>Reference 2: [http://www.xbrl.org/2003/role/disclosureRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(3\)\(a\)\(1\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(3)(a)(1))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 3: [http://www.xbrl.org/2003/role/exampleRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 1-Subparagraph \(c\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147483467/210-10-45-1](http://www.xbrl.org/2003/role/exampleRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 1-Subparagraph (c)-Publisher FASB-URI https://asc.fasb.org/1943274/2147483467/210-10-45-1) + Details Name: us-gaap_AccountsReceivableGrossCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount, after allowance for credit loss, of right to consideration from customer for product sold and service rendered in normal course of business, classified as current. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef-Topic 310-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 2-Publisher FASB-URI https://asc.fasb.org/1943274/2147481990/310-10-45-2> + Details Name: us-gaap_AccountsReceivableNetCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of allowance for credit loss on accounts receivable, classified as current. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(4\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(4))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 2: <http://www.xbrl.org/2003/role/disclosureRef-Topic 326-SubTopic 20-Name Accounting Standards Codification-Section 45-Paragraph 1-Publisher FASB-URI https://asc.fasb.org/1943274/2147479344/326-20-45-1>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef-Topic 310-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 4-Publisher FASB-URI https://asc.fasb.org/1943274/2147481962/310-10-50-4> + Details Name: us-gaap_AllowanceForDoubtfulAccountsReceivableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 78 R67.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Accounts Receivable (Details) - Schedule of Changes in the Allowance for Expected Credit Losses - USD (\$) 6 Months Ended 12 Months Ended Jun. 30, 2024 Dec. 31, 2023 Schedule of Changes in the Allowance for Expected Credit Losses [Line Items] Å Å Beginning balance \$ 867,865 \$ 762,325 Additional provision charged to expense 568,744 127,646 Effect of foreign exchange change (24,064) (22,106) Ending balance \$ 1,412,545 \$ 867,865 X - DefinitionThe amount of additional provision charged to expense. + ReferencesNo definition available. + Details Name: gtec_AdditionalProvisionChargedToExpense Namespace Prefix: gtec_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionEffect of FX change. + ReferencesNo definition available. + Details Name: gtec_EffectOfFXChange Namespace Prefix: gtec_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef-Topic 326-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 5-Publisher FASB-URI https://asc.fasb.org/1943274/2147479319/326-20-50-5> + Details Name: us-gaap_AccountsReceivableNoncurrentCreditQualityIndicatorLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of allowance for credit loss on accounts receivable. + ReferencesReference 1: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 944-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.7-03\(a\)\(5\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 944-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.7-03(a)(5))-Publisher FASB-URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1)Reference 2: [http://www.xbrl.org/2003/role/disclosureRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(4\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(4))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 3: <http://www.xbrl.org/2003/role/disclosureRef-Topic 326-SubTopic 20-Name Accounting Standards Codification-Section 45-Paragraph 1-Publisher FASB-URI https://asc.fasb.org/1943274/2147479344/326-20-45-1>Reference 4: <http://www.xbrl.org/2003/role/disclosureRef-Topic 310-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 4-Publisher FASB-URI https://asc.fasb.org/1943274/2147481962/310-10-50-4>Reference 5: [http://www.xbrl.org/2003/role/disclosureRef-Topic 326-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(a\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479319/326-20-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 326-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (a)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479319/326-20-50-13)Reference 6: [http://www.xbrl.org/2003/role/disclosureRef-Topic 326-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(f\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479319/326-20-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 326-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (f)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479319/326-20-50-13) + Details Name: us-gaap_AllowanceForDoubtfulAccountsReceivable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 79 R68.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Inventories, Net (Details) - Schedule of Inventories - USD (\$) Jun. 30, 2024 Dec. 31, 2023 Schedule of Inventories [Abstract] Å Å Raw materials \$ 7,379,602 \$ 9,337,110 Revolving material 1,121,164 1,143,558 Consigned processing material 32,026 60,754 Work-in-progress 2,591,658 2,501,368 Finished goods 9,638,318 12,192,937 Less: inventory impairment (511,433) (638,932) Inventories, net \$ 20,251,335 \$ 24,596,795 X - DefinitionAmount of inventory revolving material. + ReferencesNo definition available. + Details Name: gtec_InventoryRevolvingMaterial Namespace Prefix: gtec_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of inventory reserves for last-in first-out (LIFO) and other inventory valuation methods. + ReferencesReference 1: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(6\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(6))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 2:

xbRLi:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of loss from reductions in inventory due to subsequent measurement adjustments, including, but not limited to, physical deterioration, obsolescence, or changes in price levels. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef-Topic 330-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 2-Publisher FASB-URI https://asc.fasb.org/1943274/2147483080/330-10-50-2> + Details Name: us-gaap_InventoryWriteDown Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 81 R70.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Notes Receivable (Details) - USD (\$) \$ in Thousands 6 Months Ended Jun. 30, 2024 Dec. 31, 2023 Notes Receivable [Line Items] Â Â Aggregate amount \$ 20,520 \$ 21,850 Bank acceptance amount \$ 17,420 \$ 19,350 Notes receivables [Member] Â Â Notes Receivable [Line Items] Â Â Maturity months 6 months Â X - DefinitionThe amount of the financial institution's obligation to pay the holder of the customer's draft which the financial institution has guaranteed (i.e., Banker's Acceptance). + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 942-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.9-03\(14\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 942-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.9-03(14))-Publisher FASB-URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1) + Details Name: us-gaap_BankAcceptancesExecuted Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPeriod of time between issuance and maturity of debt instrument, in PnYnMnDtHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesNo definition available. + Details Name: us-gaap_DebtInstrumentTerm Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionFair value portion of an agreement for an unconditional promise by the maker to pay the holder a definite sum of money at a future date. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef-Topic 825-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 10-Publisher FASB-URI https://asc.fasb.org/1943274/2147482907/825-10-50-10> + Details Name: us-gaap_NotesReceivableFairValueDisclosure Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_ShortTermDebtLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_DebtInstrumentAxis=gtec_NotesReceivablesMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 82 R71.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Notes Receivable (Details) - Schedule of Notes Receivable - USD (\$) Jun. 30, 2024 Dec. 31, 2023 Schedule of Notes Receivable [Line Items] Â Â Note receivable \$ 30,962,280 \$ 27,135,249 Bank Notes Receivable [Member] Â Â Schedule of Notes Receivable [Line Items] Â Â Note receivable 28,844,085 27,135,249 Commercial Notes Receivable [Member] Â Â Schedule of Notes Receivable [Line Items] Â Â Note receivable \$ 2,118,195 X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef-Topic 310-SubTopic 20-Name Accounting Standards Codification-Section 40-Paragraph 7-Publisher FASB-URI https://asc.fasb.org/1943274/2147481628/310-20-40-7>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef-Topic 310-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 2-Publisher FASB-URI https://asc.fasb.org/1943274/2147481990/310-10-45-2> + Details Name: us-gaap_AccountsNotesAndLoansReceivableLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmortized cost, after allowance for credit loss, of financing receivable classified as current. Excludes net investment in lease. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef-Topic 310-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 2-Publisher FASB-URI https://asc.fasb.org/1943274/2147481990/310-10-45-2>Reference 2: [http://www.xbrl.org/2003/role/disclosureRef-Topic 942-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.9-03\(7\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 942-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.9-03(7))-Publisher FASB-URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1) + Details Name: us-gaap_NotesAndLoansReceivableNetCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_AccountsNotesLoansAndFinancingReceivableByReceivableTypeAxis=gtec_BankNotesReceivableMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AccountsNotesLoansAndFinancingReceivableByReceivableTypeAxis=gtec_CommercialNotesReceivableMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 83 R72.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Property, Plant and Equipment and Construction in Progress (Details) Â¥ in Thousands, \$ in Thousands 6 Months Ended Jun. 30, 2024 USD (\$) Jun. 30, 2023 USD (\$) Jun. 30, 2024 CNY (Â¥) Property, Plant and Equipment and Construction in Progress [Line Items] Â Â Â Depreciation expense \$ 1,000 \$ 1,070 Â Cost of revenue 610 600 Â Loan facility with maximum exposure (in Yuan Renminbi) | Â¥ Â Â Â¥ 60,010 Construction in Progress [Member] Â Â Â Property, Plant and Equipment and Construction in Progress [Line Items] Â Â Â Construction in progress 400 Â Buildings [Member] Â Â Â Property, Plant and Equipment and Construction in Progress [Line Items] Â Â Â Buildings for book value \$ 1,910 Â¥ 13,910 X - ReferencesNo definition available. + Details Name: gtec_PropertyPlantandEquipmentandConstructioninProgressDetailsLineItems Namespace Prefix: gtec_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of structure or a modification to a structure under construction. Includes recently completed structures or modifications to structures that have not been placed into service. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 360-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 1-Subparagraph \(b\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482099/360-10-50-1](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 360-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 1-Subparagraph (b)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482099/360-10-50-1) + Details Name: us-gaap_ConstructionInProgressGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionThe aggregate cost of goods produced and sold and services rendered during the reporting period. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 55-Paragraph 48-Publisher FASB-URI https://asc.fasb.org/1943274/2147482785/280-10-55-48>Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 220-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 2-Subparagraph \(SX 210.5-03\(2\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 220-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 2-Subparagraph (SX 210.5-03(2))-Publisher FASB-URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2)Reference 3: [http://www.xbrl.org/2003/role/disclosureRef-Topic 235-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.4-08\(g\)\(1\)\(ii\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 235-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.4-08(g)(1)(ii))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1)Reference 4: [http://www.xbrl.org/2003/role/disclosureRef-Topic 323-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 3-Subparagraph \(c\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481687/323-10-50-3](http://www.xbrl.org/2003/role/disclosureRef-Topic 323-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 3-Subparagraph (c)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481687/323-10-50-3)Reference 5: [http://www.xbrl.org/2003/role/disclosureRef-Topic 825-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 28-Subparagraph \(f\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482907/825-10-50-28](http://www.xbrl.org/2003/role/disclosureRef-Topic 825-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 28-Subparagraph (f)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482907/825-10-50-28)Reference 6: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph \(SX 210.13-01\(a\)\(4\)\(i\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph (SX 210.13-01(a)(4)(i))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 7: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph \(SX 210.13-01\(a\)\(4\)\(ii\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph (SX 210.13-01(a)(4)(ii))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 8: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph \(SX 210.13-01\(a\)\(4\)\(iii\)\(A\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph (SX 210.13-01(a)(4)(iii)(A))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 9: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph \(SX 210.13-01\(a\)\(4\)\(iv\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph (SX 210.13-01(a)(4)(iv))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 10: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph \(SX 210.13-01\(a\)\(5\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph (SX 210.13-01(a)(5))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 11: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph \(SX 210.13-02\(a\)\(4\)\(i\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph (SX 210.13-02(a)(4)(i))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 12: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph \(SX 210.13-02\(a\)\(4\)\(iii\)\(A\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph (SX 210.13-02(a)(4)(iii)(A))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 13: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph \(SX 210.13-02\(a\)\(4\)\(iii\)\(B\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph (SX 210.13-02(a)(4)(iii)(B))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 14: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph \(SX 210.13-02\(a\)\(4\)\(iv\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph (SX 210.13-02(a)(4)(iv))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 15: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph \(SX 210.13-02\(a\)\(5\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph (SX 210.13-02(a)(5))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B) + Details Name: us-gaap_CostOfRevenue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe amount of expense recognized in the current period that reflects the allocation of the cost of tangible assets over the assets' useful lives. Includes production and non-production related depreciation. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Section 45-Paragraph 28-Subparagraph \(b\)-SubTopic 10-Topic 230-Publisher FASB-URI https://asc.fasb.org/1943274/2147482740/230-10-45-28](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Section 45-Paragraph 28-Subparagraph (b)-SubTopic 10-Topic 230-Publisher FASB-URI https://asc.fasb.org/1943274/2147482740/230-10-45-28)Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 360-SubTopic 10-Section 50-Paragraph 1-Subparagraph \(a\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482099/360-10-50-1](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 360-SubTopic 10-Section 50-Paragraph 1-Subparagraph (a)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482099/360-10-50-1) + Details Name: us-gaap_Depreciation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionMaximum borrowing capacity under the credit facility without consideration of any current restrictions on the amount that could be borrowed or the amounts currently outstanding under the facility. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(22\)\(b\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(22)(b))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(19\)\(b\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(19)(b))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1) + Details Name: us-gaap_LineOfCreditFacilityMaximumBorrowingCapacity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period

Type: instant X - DefinitionPeriod end book value of other property, plant and equipment (PPE) owned (but not classified elsewhere) by the public utility. + ReferencesNo definition available. + Details Name: us-gaap_PublicUtilitiesPropertyPlantAndEquipmentOtherPropertyPlantAndEquipment Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=us-gaap_ConstructionInProgressMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=us-gaap_BuildingMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 84 R73.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Property, Plant and Equipment and Construction in Progress (Details) - Schedule of Property, Plant and Equipment - Property, Plant and Equipment [Member] - USD (\$) Jun. 30, 2024 Dec. 31, 2023 Schedule of Property, Plant and Equipment [Line Items] Â Â Buildings \$ 11,181,430 \$ 11,444,906 Machinery 21,824,680 20,974,546 Motor vehicles 328,934 336,541 Electronic equipment 218,086 246,207 Total property plant and equipment, at cost 33,553,130 33,002,200 Less: accumulated depreciation (19,844,051) (19,325,844) Property, plant and equipment, net 13,709,079 13,676,356 Construction in process 5,912 22,641 Total \$ 13,714,991 \$ 13,698,997 X - DefinitionRepresent the amount of electronic equipment. + ReferencesNo definition available. + Details Name: gtec_ElectronicEquipment Namespace Prefix: gtec_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionRepresent the amount of motor vehicles. + ReferencesNo definition available. + Details Name: gtec_MotorVehicles Namespace Prefix: gtec_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of accumulated depreciation, depletion and amortization for physical assets used in the normal conduct of business to produce goods and services. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)(b)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478777/944-210-S99-1>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(14)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Topic 360 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482099/360-10-50-1> + Details Name: us-gaap_AccumulatedDepreciationDepletionAndAmortizationPropertyPlantAndEquipment Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount before accumulated depreciation of building structures held for productive use including addition, improvement, or renovation to the structure, including, but not limited to, interior masonry, interior flooring, electrical, and plumbing. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482099/360-10-50-1> + Details Name: us-gaap_BuildingsAndImprovementsGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of structure or a modification to a structure under construction. Includes recently completed structures or modifications to structures that have not been placed into service. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482099/360-10-50-1> + Details Name: us-gaap_ConstructionInProgressGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount before accumulated depreciation of tangible personal property used to produce goods and services, including, but is not limited to, tools, dies and molds, computer and office equipment. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482099/360-10-50-1> + Details Name: us-gaap_MachineryAndEquipmentGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount before accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478777/944-210-S99-1>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(13)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482099/360-10-50-1> + Details Name: us-gaap_PropertyPlantAndEquipmentGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478964/842-20-50-7A> + Details Name: us-gaap_PropertyPlantAndEquipmentLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount after accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business to produce goods and services and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 10 -Topic 360 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482099/360-10-50-1>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478964/842-20-50-7A>Reference 3: <http://www.xbrl.org/2003/role/exampleRef> -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481372/852-10-55-10>Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478777/944-210-S99-1>Reference 5: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 942 -SubTopic 360 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478451/942-360-50-1> + Details Name: us-gaap_PropertyPlantAndEquipmentNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after depreciation of long-lived, physical assets used to produce goods and services and not intended for resale, classified as other. + ReferencesNo definition available. + Details Name: us-gaap_PropertyPlantAndEquipmentOtherNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_FairValueByAssetClassAxis=us-gaap_PropertyPlantAndEquipmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 85 R74.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Property, Plant and Equipment and Construction in Progress (Details) - Schedule of Restricted Assets - USD (\$) Jun. 30, 2024 Dec. 31, 2023 Schedule of Restricted Assets [Line Items] Â Â Restricted assets \$ 1,914,212 \$ 2,024,994 X - DefinitionTotal assets that cannot be used for operating purposes because of contract or regulatory requirements that are in effect for a period that extends beyond one year. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 954 -SubTopic 210 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477220/954-210-45-4>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 954 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478600/954-210-50-2> + Details Name: us-gaap_OtherRestrictedAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(2)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478777/944-210-S99-1> + Details Name: us-gaap_RestrictedCashAndCashEquivalentsItemsLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=us-gaap_BuildingMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 86 R75.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Land Use Rights, Net (Details) - USD (\$) in Thousands Jun. 30, 2024 Dec. 31, 2023 Land Use Rights [Abstract] Â Â Land use rights, net \$ 1,100 \$ 1,140 X - DefinitionAmount before accumulated depreciation and depletion of real estate held for productive use and additions or improvements to real estate held for productive use, examples include, but are not limited to, walkways, driveways, fences, and parking lots. Excludes land held for sale. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(13)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap_LandAndLandImprovements Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_RealEstateAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 87 R76.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Land Use Rights, Net (Details) - Schedule of Land Use Rights - USD (\$) Jun. 30, 2024 Dec. 31, 2023 Schedule of Land Use Rights [Abstract] Â Â Land use rights, cost \$ 4,233,626 \$ 4,333,386 Less: Accumulated amortization (906,847) (884,881) Land use rights, net \$ 3,326,779 \$ 3,448,505 X - ReferencesNo definition available. + Details Name: gtec_ScheduleOfLandUseRightsAbstract Namespace Prefix: gtec_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAccumulated amortization of other deferred costs capitalized at the end of the reporting period. Does not include deferred finance costs, deferred acquisition costs of insurance companies, or deferred leasing costs for real estate operations. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section

S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap_AccumulatedAmortizationOfOtherDeferredCosts Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount before accumulated depletion of real estate held for productive use, excluding land held for sale. + ReferencesReference 1: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(13\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(13)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1) + Details Name: us-gaap_Land Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount before accumulated depreciation and depletion of additions or improvements to real estate held for productive use. Examples include, but are not limited to, walkways, driveways, fences, and parking lots. + ReferencesNo definition available. + Details Name: us-gaap_LandImprovements Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 88 R77.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Land Use Rights, Net (Details) - Schedule of Estimated Future Amortization Expense Jun. 30, 2024 USD (\$) Schedule of Estimated Future Amortization Expense [Abstract] Å 2025 \$ 85,285 2026 85,285 2027 85,285 2028 85,285 2029 85,285 Thereafter 2,900,354 Total \$ 3,326,779 X - DefinitionAmount of amortization for present value of future profits of insurance contract acquired in business combination expected to be recognized during fifth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesNo definition available. + Details Name: gtec_PresentValueOfFutureInsuranceProfitsAmortizationExpenseThereafter Namespace Prefix: gtec_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of amortization expense (reversal of expense) for present value of future profits of insurance contract acquired in business combination. + ReferencesNo definition available. + Details Name: gtec_PresentValuesOfFutureInsuranceProfitsAmortizationExpense Namespace Prefix: gtec_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: gtec_ScheduleOfEstimatedFutureAmortizationExpenseAbstract Namespace Prefix: gtec_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of amortization for present value of future profits of insurance contract acquired in business combination expected to be recognized in remainder of current fiscal year. + ReferencesNo definition available. + Details Name: us-gaap_PresentValueOfFutureInsuranceProfitsAmortizationExpenseRemainderOfFiscalYear Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of amortization for present value of future profits of insurance contract acquired in business combination expected to be recognized during fourth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 805 -Topic 944 -Publisher FASB -URI https://asc.fasb.org/1943274/214748072/944-805-50-1>Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(a\)\(3\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2) + Details Name: us-gaap_PresentValueOfFutureInsuranceProfitsAmortizationExpenseYearFour Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of amortization for present value of future profits of insurance contract acquired in business combination expected to be recognized during next fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 805 -Topic 944 -Publisher FASB -URI https://asc.fasb.org/1943274/214748072/944-805-50-1>Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(a\)\(3\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2) + Details Name: us-gaap_PresentValueOfFutureInsuranceProfitsAmortizationExpenseYearOne Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of amortization for present value of future profits of insurance contract acquired in business combination expected to be recognized during third fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 805 -Topic 944 -Publisher FASB -URI https://asc.fasb.org/1943274/214748072/944-805-50-1>Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(a\)\(3\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2) + Details Name: us-gaap_PresentValueOfFutureInsuranceProfitsAmortizationExpenseYearThree Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of amortization for present value of future profits of insurance contract acquired in business combination expected to be recognized during second fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 805 -Topic 944 -Publisher FASB -URI https://asc.fasb.org/1943274/214748072/944-805-50-1>Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(a\)\(3\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2) + Details Name: us-gaap_PresentValueOfFutureInsuranceProfitsAmortizationExpenseYearTwo Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 89 R78.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Fixed Deposit (Details) 6 Months Ended Jun. 30, 2024 Fixed Deposit [Abstract] Å Deposit term 3 years Fixed deposit, description Fixed deposits will expire in 2026. X - DefinitionDeposit term in 'PnYnMnDtnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesNo definition available. + Details Name: gtec_DepositTerm Namespace Prefix: gtec_ Data Type: xbrli:durationItemType Balance Type: na Period Type: instant X - DefinitionDescription of fixed deposit. + ReferencesNo definition available. + Details Name: gtec_FixedDepositDescription Namespace Prefix: gtec_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_DepositsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 90 R79.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Fixed Deposit (Details) - Schedule of Fixed Deposit - USD (\$) Jun. 30, 2024 Dec. 31, 2023 Schedule of Fixed Deposit [Line Items] Å Å Total \$ 4,342,574 \$ 9,916,308 Three-year bank deposit [Member] Å Å Schedule of Fixed Deposit [Line Items] Å Å Total \$ 4,342,574 \$ 9,916,308 X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_CashAndCashEquivalentsLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionCarrying value of amounts transferred to third parties for security purposes that are expected to be returned or applied towards payment after one year or beyond the operating cycle, if longer. + ReferencesReference 1: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(17\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1) + Details Name: us-gaap_DepositsAssetsNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_CashAndCashEquivalentsAxis=us-gaap_BankTimeDepositsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 91 R80.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Notes Payable-Bank Acceptance Notes (Details) - USD (\$) \$ in Thousands 6 Months Ended 12 Months Ended Jun. 30, 2024 Dec. 31, 2023 Notes Payable [Line Items] Å Å Restricted cash \$ 3,910 \$ 5,210 Note receivable \$ 20,520 \$ 21,850 Notes Payable [Member] Å Å Notes Payable [Line Items] Å Å Principal amount as commission percentage 0.05% Å Minimum [Member] Å Å Notes Payable [Line Items] Å Å Interest-free notes payable 6 years Å Maximum [Member] Å Å Notes Payable [Line Items] Å Å Interest-free notes payable 1 year Å X - DefinitionContractual interest rate for funds borrowed, under the debt agreement. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(22\)\(a\)\(1\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1B](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1B) + Details Name: us-gaap_DebtInstrumentInterestRateStatedPercentage Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8>Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.4-08\(f\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(f)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1)Reference 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph \(SX 210.12-04\(a\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-04(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-3)Reference 4: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1B](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1B)Reference 5: <http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69B>Reference 6: <http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69C>Reference 7: <http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69E -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69E>Reference 8: <http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69F -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69F>Reference 9: <http://www.xbrl.org/2003/role/disclosureRef -Topic 470>

-SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference> 10: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference> 11: <http://www.xbrl.org/2003/role/exampleRef> -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (d) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference> 12: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (e) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference> 13: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (f) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference> 14: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (h) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference> 15: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference> 16: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference> 17: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference> 18: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference> 19: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference> 20: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (d) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference> 21: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference> 22: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference> 23: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference> 24: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b)(2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference> 25: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1I -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1IReference> 26: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482925/835-30-45-2Reference> 27: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482900/835-30-50-1> + Details Name: us-gaap_DebtInstrumentLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPeriod of time between issuance and maturity of debt instrument, in PnYnMnDnTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesNo definition available. + Details Name: us-gaap_DebtInstrumentTerm Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionThe cash outflow to acquire an agreement for an unconditional promise by the maker to pay the entity (holder) a definite sum of money at a future date. Such amount may include accrued interest receivable in accordance with the terms of the note. The note also may contain provisions including a discount or premium, payable on demand, secured, or unsecured, interest bearing or noninterest bearing, among myriad other features and characteristics. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 13 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-13> + Details Name: us-gaap_PaymentsToAcquireNotesReceivable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash restricted as to withdrawal or usage. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(2)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference> 2: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference> 3: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482913/230-10-50-8Reference> 4: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(1)(a)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478566/942-210-S99-1> + Details Name: us-gaap_RestrictedCash Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_DebtInstrumentAxis=gtec_BankChargesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 92 R81.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Notes Payable-Bank Acceptance Notes (Details) - Schedule of Notes Payable-Bank Acceptance Notes - USD (\$) Jun. 30, 2024 Dec. 31, 2023 Schedule of Notes Payable [Abstract] Å Å Bank acceptance notes \$ 31,407,248 \$ 36,712,562 Total \$ 31,407,248 \$ 36,712,562 X - DefinitionSum of the carrying values as of the balance sheet date of the portions of long-term notes payable due within one year or the operating cycle if longer. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference> 2: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap_NotesPayableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCurrent portion of the total carrying amount as of the balance sheet date due within one year or the operating cycle, if longer, on all notes payable to banks paid on an installment with long term maturities. This can include the amount of any loans from the applicant firm. This does not, however, include any mortgage balances. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference> 2: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)(a)(1)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap_NotesPayableToBankCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_ProceedsFromNotesPayableAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 93 R82.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Accounts Payable (Details) - Schedule of Accounts Payable - USD (\$) Jun. 30, 2024 Dec. 31, 2023 Schedule of Accounts Payable [Line Items] Å Å Total accounts payable \$ 24,793,173 \$ 25,272,528 Procurement of Materials [Member] Å Å Schedule of Accounts Payable [Line Items] Å Å Total accounts payable 24,421,350 25,011,515 Infrastructure& Equipment [Member] Å Å Schedule of Accounts Payable [Line Items] Å Å Total accounts payable 233,445 43,530 Freight fee [Member] Å Å Schedule of Accounts Payable [Line Items] Å Å Total accounts payable \$ 138,378 \$ 217,483 X - DefinitionCarrying value as of the balance sheet date of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)(a)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference> 2: <http://www.xbrl.org/2003/role/exampleRef> -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481372/852-10-55-10> + Details Name: us-gaap_AccountsPayableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap_PublicUtilitiesInventoryLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_PublicUtilitiesInventoryAxis=gtec_ProcurementOfMaterialsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PublicUtilitiesInventoryAxis=gtec_InfrastructureEquipmentMember Namespace Prefix: Data Type: na Balance Type: Period

Topic: X - Details Name: us-gaap_PublicUtilitiesInventoryAxis=gtec_FreightFeeMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 94 R83.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Short Term Bank Loans (Details) Â¥ in Thousands, \$ in Thousands 6 Months Ended Jun. 27, 2022 USD (\$) Jun. 27, 2022 CNY (Â¥) Jun. 30, 2024 Jun. 30, 2023 Short Term Bank Loans [Abstract] Â Â Â Short term debt, term Â Â 1 year Â Principal amount \$ 8,280 Â¥ 60,010 Â Â Annual interest rate, percentage Â Â 3.122% 3.805% X - DefinitionShort-term debt, terms in 'PnYmMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesNo definition available. + Details Name: gtec_ShortTermDebtTerm Namespace Prefix: gtec_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_DebtDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of principal of debt issued. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph \(SX 210.6-03\(i\)\(1\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3](http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph (SX 210.6-03(i)(1))-Publisher FASB-URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3) + Details Name: us-gaap_DebtInstrumentIssuedPrincipal Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAverage fixed interest rate related to the group of interest rate derivatives. + ReferencesNo definition available. + Details Name: us-gaap_DerivativeAverageFixedInterestRate Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant XML 95 R84.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Short Term Bank Loans (Details) - Schedule of Short-Term Loans Summarized - USD (\$) Jun. 30, 2024 Dec. 31, 2023 Short-Term Debt [Line Items] Â Â Short-term loans \$ 3,042,296 Collateralized Bank Loans [Member] Â Â Short-Term Debt [Line Items] Â Â Short-term loans 2,760,602 Unsecured Bank Loans [Member] Â Â Short-Term Debt [Line Items] Â Â Short-term loans \$ 281,694 X - DefinitionReflects the total carrying amount as of the balance sheet date of debt having initial terms less than one year or the normal operating cycle, if longer. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(19\)\(a\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(19)(a))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 942-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.9-03\(13\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 942-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.9-03(13))-Publisher FASB-URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1)Reference 3: <http://www.xbrl.org/2003/role/exampleRef-Topic 852-SubTopic 10-Name Accounting Standards Codification-Section 55-Paragraph 10-Publisher FASB-URI https://asc.fasb.org/1943274/2147481372/852-10-55-10>Reference 4: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 944-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.7-03\(a\)\(16\)\(a\)\(1\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 944-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.7-03(a)(16)(a)(1))-Publisher FASB-URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1) + Details Name: us-gaap_ShortTermBorrowings Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_ShortTermDebtLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_ShortTermDebtTypeAxis=gtec_CollateralizedBankLoansMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ShortTermDebtTypeAxis=gtec_UnsecuredBankLoansMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 96 R85.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Short Term Bank Loans (Details) - Schedule of Short-Term Loans - USD (\$) 12 Months Ended Dec. 31, 2023 Jun. 30, 2024 Short Term Bank Loans [Line Items] Â Â Short-term loans \$ 3,042,296 Bank of Zheshang [Member] Â Â Short Term Bank Loans [Line Items] Â Â Maturity Date Jul. 22, 2024 Â Type Operating Loans Â Bank Name Bank of Zheshang Â Interest Rate per Annum (%) 3.60% Â Short-term loans \$ 1,352,132 Â Bank of Hangzhou [Member] Â Â Short Term Bank Loans [Line Items] Â Â Maturity Date Jul. 25, 2024 Â Type Operating Loans Â Bank Name Bank of Hangzhou Â Interest Rate per Annum (%) 3.55% Â Short-term loans \$ 1,408,470 Â Industrial and Commercial Bank of Xinchang [Member] Â Â Short Term Bank Loans [Line Items] Â Â Maturity Date Feb. 22, 2024 Â Type Operating Loans Â Bank Name Industrial and Commercial Bank of Xinchang Â Interest Rate per Annum (%) 3.45% Â Short-term loans \$ 281,694 Â X - ReferencesNo definition available. + Details Name: gtec_BankName Namespace Prefix: gtec_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionDate when the short term loans is scheduled to be fully repaid, in YYYY-MM-DD format. + ReferencesNo definition available. + Details Name: gtec_ShortTermLoansMaturityDate Namespace Prefix: gtec_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionTypes of short term loan. + ReferencesNo definition available. + Details Name: gtec_ShortTermLoansType Namespace Prefix: gtec_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionReflects the total carrying amount as of the balance sheet date of debt having initial terms less than one year or the normal operating cycle, if longer. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(19\)\(a\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(19)(a))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 942-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.9-03\(13\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 942-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.9-03(13))-Publisher FASB-URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1)Reference 3: <http://www.xbrl.org/2003/role/exampleRef-Topic 852-SubTopic 10-Name Accounting Standards Codification-Section 55-Paragraph 10-Publisher FASB-URI https://asc.fasb.org/1943274/2147481372/852-10-55-10>Reference 4: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 944-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.7-03\(a\)\(16\)\(a\)\(1\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 944-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.7-03(a)(16)(a)(1))-Publisher FASB-URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1) + Details Name: us-gaap_ShortTermBorrowings Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPercentage increase in the stated interest rate on a short-term debt instrument. + ReferencesNo definition available. + Details Name: us-gaap_ShortTermDebtInterestRateIncrease Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_ShortTermDebtLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_ShortTermDebtTypeAxis=gtec_BankOfZheshangMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ShortTermDebtTypeAxis=gtec_BankOfHangzhouMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ShortTermDebtTypeAxis=gtec_IndustrialAndCommercialBankOfXinchangMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 97 R86.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Other Current Liabilities (Details) - Schedule of Other Current Liabilities - USD (\$) Jun. 30, 2024 Dec. 31, 2023 Schedule of Other Current Liabilities [Abstract] Â Â Employee payables \$ 111,858 \$ 807,615 Other tax payables 262,458 507,464 Other payable 108,624 115,443 Accrued expenses 1,548,415 660,985 Total \$ 2,031,355 \$ 2,091,507 X - ReferencesNo definition available. + Details Name: gtec_OtherTaxPayables Namespace Prefix: gtec_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of obligations, excluding pension and other postretirement benefits, incurred through that date and payable for perquisites provided to employees pertaining to services received from them. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(20\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(20))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1) + Details Name: us-gaap_AccruedEmployeeBenefitsCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of obligations incurred and payable, pertaining to costs that are statutory in nature, are incurred on contractual obligations, or accumulate over time and for which invoices have not yet been received or will not be rendered. Examples include taxes, interest, rent and utilities. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 2-Subparagraph \(a\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482106/820-10-50-2](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 2-Subparagraph (a)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482106/820-10-50-2)Reference 2: [http://www.xbrl.org/2003/role/disclosureRef-Topic 820-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 2-Subparagraph \(b\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482106/820-10-50-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 820-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 2-Subparagraph (b)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482106/820-10-50-2) + Details Name: us-gaap_LiabilitiesFairValueDisclosure Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of liabilities incurred and payable to vendors for goods and services received classified as other, and expenses incurred but not yet paid, payable within one year or the operating cycle, if longer. + ReferencesNo definition available. + Details Name: us-gaap_OtherAccountsPayableAndAccruedLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 98 R87.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Deferred Revenue (Details) \$ in Thousands 6 Months Ended Jun. 30, 2024 USD (\$) Deferred Revenue [Abstract] Â Grant income \$ 150 X - DefinitionAmount of government subsidy granted. + ReferencesNo definition available. + Details Name: gtec_GrantIncomeIncentives Namespace Prefix: gtec_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_RevenueFromContractWithCustomerAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 99 R88.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Deferred Revenue (Details) - Schedule of Deferred Revenue - USD (\$) Jun. 30, 2024 Dec. 31, 2023 Schedule of Deferred Revenue [Abstract] Â Â Subsidy \$ 1,381,686 \$ 1,529,831 Total \$ 1,381,686 \$ 1,529,831 X - DefinitionAmount of subsidy income. + ReferencesNo definition available. + Details Name: gtec_SubsidyIncome Namespace Prefix: gtec_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_ChangeInContractWithCustomerAssetAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of obligation to transfer good or service to customer for which consideration has been received or is receivable,

classified as noncurrent. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-1>Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-8](http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-8)Reference 3: <http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-2> + Details Name: us-gaap_ContractWithCustomerLiabilityNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 100 R89.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Leases (Details) Jun. 30, 2024 Maximum [Member] A Leases [Line Items] A Operating leases, initial terms 5 years 6 months 29 days X - DefinitionPeriod between issuance and maturity of long-term debt, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(bbb\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2)Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(bbb\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2)Reference 3: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(bbb\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2) + Details Name: us-gaap_LongTermDebtTerm Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_OperatingLeasedAssetsLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 101 R90.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Leases (Details) - Schedule of Supplemental Balance Sheet - USD (\$) Jun. 30, 2024 Dec. 31, 2023 Assets: A A Right-of-use assets \$ 1,871,826 \$ 2,125,542 Liabilities: A A Lease liabilities 495,693 487,695 Lease liabilities 1,432,987 1,684,614 Total operating lease liabilities \$ 1,928,680 \$ 2,172,309 Lease term and discount rate A A Weighted average remaining lease term (in years) 3 years 5 months 1 day 2 years 1 month 2 days Weighted average discount rate 4.27% 4.50% X - ReferencesNo definition available. + Details Name: gtec_LeaseTermAndDiscountRateAbstract Namespace Prefix: gtec_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_AssetsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_LiabilitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1) + Details Name: us-gaap_OperatingLeaseLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as current. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1) + Details Name: us-gaap_OperatingLeaseLiabilityCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as noncurrent. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1) + Details Name: us-gaap_OperatingLeaseLiabilityNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's right to use underlying asset under operating lease. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1) + Details Name: us-gaap_OperatingLeaseRightOfUseAsset Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionWeighted average discount rate for operating lease calculated at point in time. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53>Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph \(g\)\(4\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4](http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4) + Details Name: us-gaap_OperatingLeaseWeightedAverageDiscountRatePercent Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionWeighted average remaining lease term for operating lease, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53>Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph \(g\)\(3\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4](http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4) + Details Name: us-gaap_OperatingLeaseWeightedAverageRemainingLeaseTerm1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: instant XML 102 R91.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Leases (Details) - Schedule of Components of Lease Expense - USD (\$) 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Components of lease expense: A A Operating lease expense \$ 308,146 \$ 308,407 Total lease expense \$ 308,146 \$ 308,407 X - ReferencesNo definition available. + Details Name: gtec_ComponentsOfLeaseExpenseAbstract Namespace Prefix: gtec_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of operating lease expense. Excludes sublease income. + ReferencesReference 1: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-4](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-4) + Details Name: us-gaap_OperatingLeaseExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase in right-of-use asset obtained in exchange for operating lease liability. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53>Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph \(g\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4](http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4) + Details Name: us-gaap_RightOfUseAssetObtainedInExchangeForOperatingLeaseLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 103 R92.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Leases (Details) - Schedule of Maturity of Lease Liabilities Under Operating Leases - USD (\$) Jun. 30, 2024 Dec. 31, 2023 Schedule of Maturity of Lease Liabilities Under Operating Leases [Abstract] A A 2025 \$ 580,899 A 2026 597,688 A 2027 615,067 A 2028 315,756 A Total lease payments 2,109,410 A Less: imputed interest (180,730) A Present value of lease liabilities \$ 1,928,680 \$ 2,172,309 X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6> + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease to be paid in next fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6> + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueNextTwelveMonths Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease to be paid in third fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6> + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearThree Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease to be paid in second fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6> + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearTwo Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease having initial or remaining lease term in excess of one year to be paid in remainder of current fiscal year. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6> + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsRemainderOffFiscalYear Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payments in excess of discounted obligation for lease payments for operating lease. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6>

http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityUndiscountedExcessAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_OperatingLeaseLiabilitiesPaymentsDueAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 - Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 104 R93.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Warrant Liability (Details) - USD (\$) 6 Months Ended Jan. 27, 2023 Jul. 27, 2022 Jun. 30, 2024 Dec. 31, 2023 Warrant Liability [Abstract] Å Å Å Warrant to purchase ordinary shares (in Shares) Å 4,530,000 Å 4 Exercise price (in Dollars per share) Å \$ 4.49 Å Warrant expire date Jan. 26, 2028 Å Å Fair value of the warrants Å \$ 1,180,281 \$ 4,084,605 Gain on investor warrant recognized Å \$ (2,904,324) Å X - DefinitionGain on investor warrant recognized. + ReferencesNo definition available. + Details Name: gtec_GainOnInvestorWarrantRecognized Namespace Prefix: gtec_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionWarrant expire date. + ReferencesNo definition available. + Details Name: gtec_WarrantExpireDate Namespace Prefix: gtec_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionNumber of securities into which the class of warrant or right may be converted. For example, but not limited to, 500,000 warrants may be converted into 1,000,000 shares. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-3 + Details Name: us-gaap_ClassOfWarrantOrRightNumberOfSecuritiesCalledByWarrantsOrRights Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPer share decrease in exercise price of warrant. Excludes change due to standard antidilution provision. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-3 + Details Name: us-gaap_WarrantExercisePriceDecrease Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionValue of outstanding derivative securities that permit the holder the right to purchase securities (usually equity) from the issuer at a specified price. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 - Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 - Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 - Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_WarrantsAndRightsOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 105 R94.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Warrant Liability (Details) - Schedule of Fair Value of Warrant Liabilities - Warrant Liability [Member] - \$ / shares 6 Months Ended 12 Months Ended Jun. 30, 2024 Dec. 31, 2023 Schedule of Fair Value of Warrant Liabilities [Line Items] Å Å Share price \$ 1.4 \$ 2.79 Exercise price \$ 4.49 \$ 4.49 Expected term (years) 1 year 9 months 14 days 2 years 14 days Risk-free interest rate 4.80% 4.20% Expected volatility 90.00% 80.00% X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 - Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 - Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 - Subparagraph (c)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 - Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 - Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 - Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_FairValueNetDerivativeAssetLiabilityMeasuredOnRecurringBasisUnobservableInputReconciliationLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAgreed-upon price for the exchange of the underlying asset relating to the share-based payment award. + ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe estimated measure of the percentage by which a share price is expected to fluctuate during a period. Volatility also may be defined as a probability-weighted measure of the dispersion of returns about the mean. The volatility of a share price is the standard deviation of the continuously compounded rates of return on the share over a specified period. That is the same as the standard deviation of the differences in the natural logarithms of the stock prices plus dividends, if any, over the period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 - Subparagraph (f)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsExpectedVolatilityRate Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionThe risk-free interest rate assumption that is used in valuing an option on its own shares. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 - Subparagraph (f)(2)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsRiskFreeInterestRate Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionPrice of a single share of a number of saleable stocks of a company. + ReferencesNo definition available. + Details Name: us-gaap_SharePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionExpected term of award under share-based payment arrangement, in 'PnYnMnDtnHnMns' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 - Subparagraph (f)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardFairValueAssumptionsExpectedTerm1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_AwardTypeAxis=gtec_WarrantLiabilityMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 106 R95.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Warrant Liability (Details) - Schedule of Warrants Outstanding and Fair Values - USD (\$) Jun. 30, 2024 Dec. 31, 2023 Schedule of Warrants Outstanding and Fair Values [Abstract] Å Å Number of ordinary share warrants 4,530,000 4,530,000 Fair value of the warrants \$ 1,180,281 \$ 4,084,605 X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_ClassOfWarrantOrRightLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionNumber of warrants or rights outstanding. + ReferencesNo definition available. + Details Name: us-gaap_ClassOfWarrantOrRightOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionValue of outstanding derivative securities that permit the holder the right to purchase securities (usually equity) from the issuer at a specified price. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 - Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 - Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 - Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_WarrantsAndRightsOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 107 R96.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Shareholder's Equity (Details) - USD (\$) 6 Months Ended 12 Months Ended Jan. 27, 2023 Jul. 25, 2022 Jun. 30, 2024 Dec. 31, 2023 Jul. 27, 2022 Mar. 31, 2021 Jul. 27, 2018 Shareholder's Equity [Line Items] Å Å Å Å Å Preferred shares designated Å Å Å Å Ordinary shares, par value (in Dollars per share) Å Å Å Å Ordinary shares issued Å Å 13,594,530 13,594,530 Å Å Ordinary shares outstanding Å 13,594,530 13,594,530 Å Å Warrants expire year Å Å 5 years Å Å Å Å Per warrant (in Dollars per share) Å Å \$ 0.01 Å Å Å Å Exceeds per share (in Dollars per share) Å Å \$ 16.5 Å Å Å Warrants underlying Å Å Å 4,530,000 Å Warrant expire date Jan. 26, 2028 Å Å Å Å Warrants outstanding Å 4,530,000 4,530,000 Å Å Cash payment (

À À À À Warrants underlying À À À À 120,000 À Sale of unit purchase option price (in Dollars) À À À À À \$ 100 Option to purchase shares exercisable À À À À 240,000 Common stock price share (in Dollars per share) À À À À À \$ 11.5 Aggregate exercise price (in Dollars) À À À À À \$ 2,760,000 CEDE & CO [Member] À À À À À À Shareholderâ€™s Equity [Line Items] À À À À À À Warrants outstanding À À 4,705,312 À À À Warrant [Member] À À À À À À Shareholderâ€™s Equity [Line Items] À À À À À À Number of units À À À À À 120,000 Warrant to purchase ordinary shares À 4,530,000 À À À À Ordinary shares, exercise price (in Dollars per share) À \$ 4.49 À À À À Preferred Stock [Member] À À À À À À Shareholderâ€™s Equity [Line Items] À À À À À À Preferred shares par value (in Dollars per share) À À À À À Preferred shares issued À À À À À Preferred shares outstanding À À À À À Ordinary Shares [Member] À À À À À À Shareholderâ€™s Equity [Line Items] À À À À À À Ordinary shares, par value (in Dollars per share) À À À À À À Voting rights À À one À À À À Ordinary shares issued À 13,594,530 13,594,530 À À À Ordinary shares outstanding À 13,594,530 13,594,530 À À À Sponsor [Member] À À À À À À Shareholderâ€™s Equity [Line Items] À À À À À À Warrants underlying À 282,000 À À À Warrants outstanding À 260,000 À À À Private Warrants [Member] | Chardan Capital Markets, LLC [Member] À À À À À À Shareholderâ€™s Equity [Line Items] À À À À À À Warrants outstanding À 142,000 À À À Private Warrants [Member] | CEDE & CO [Member] À À À À À À À Shareholderâ€™s Equity [Line Items] À À À À À À Warrants outstanding À 4,303,312 À À À IPO [Member] | Piggy Back [Member] À À À À À À Shareholderâ€™s Equity [Line Items] À À À À À À Grant term À 5 years À À À X - DefinitionGrant term. + ReferencesNo definition available. + Details Name: gtec_GrantTerm Namespace Prefix: gtec_Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionNumber of units. + ReferencesNo definition available. + Details Name: gtec_NumberOfUnits Namespace Prefix: gtec_Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - ReferencesNo definition available. + Details Name: gtec_PaymentOfCash Namespace Prefix: gtec_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionPreferred Shares Designated. + ReferencesNo definition available. + Details Name: gtec_PreferredSharesDesignated Namespace Prefix: gtec_Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionSale of unit purchase option price. + ReferencesNo definition available. + Details Name: gtec_SaleOfUnitPurchaseOptionPrice Namespace Prefix: gtec_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionWarrant expire date. + ReferencesNo definition available. + Details Name: gtec_WarrantExpireDate Namespace Prefix: gtec_Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionWarrant to purchase ordinary shares. + ReferencesNo definition available. + Details Name: gtec_WarrantToPurchaseOrdinaryShares Namespace Prefix: gtec_Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionWarrants expire year. + ReferencesNo definition available. + Details Name: gtec_WarrantsExpireYear Namespace Prefix: gtec_Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionExercise price per share or per unit of warrants or rights outstanding. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 3-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-3> + Details Name: us-gaap_ClassOfWarrantOrRightExercisePriceOfWarrantsOrRights1 Namespace Prefix: us-gaap_Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionNumber of securities into which the class of warrant or right may be converted. For example, but not limited to, 500,000 warrants may be converted into 1,000,000 shares. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 3-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-3> + Details Name: us-gaap_ClassOfWarrantOrRightNumberOfSecuritiesCalledByWarrantsOrRights Namespace Prefix: us-gaap_Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of warrants or rights outstanding. + ReferencesNo definition available. + Details Name: us-gaap_ClassOfWarrantOrRightOutstanding Namespace Prefix: us-gaap_Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionFace amount per share of no-par value common stock. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(29\)\)](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(29))) -Publisher FASB-URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap_CommonStockNoParValue Namespace Prefix: us-gaap_Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionTotal number of common shares of an entity that have been sold or granted to shareholders (includes common shares that were issued, repurchased and remain in the treasury). These shares represent capital invested by the firm's shareholders and owners, and may be all or only a portion of the number of shares authorized. Shares issued include shares outstanding and shares held in the treasury. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(29\)\)](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(29))) -Publisher FASB-URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap_CommonStockSharesIssued Namespace Prefix: us-gaap_Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of shares of common stock outstanding. Common stock represent the ownership interest in a corporation. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(29\)\)](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Section 50-Paragraph 2-SubTopic 10-Topic 505-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-2) -Publisher FASB-URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 3: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 2-Subparagraph \(SX 210.6-05\(4\)\)](http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 2-Subparagraph (SX 210.6-05(4))) -Publisher FASB-URI <https://asc.fasb.org/1943274/2147479170/946-210-S99-2>Reference 4: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 946-SubTopic 220-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph \(SX 210.6-09\(4\)\(b\)\)](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 946-SubTopic 220-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph (SX 210.6-09(4)(b))) -Publisher FASB-URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-3>Reference 5: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.6-04\(16\)\(a\)\)](http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.6-04(16)(a))) -Publisher FASB-URI <https://asc.fasb.org/1943274/2147479170/946-210-S99-1>Reference 6: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 946-SubTopic 220-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph \(SX 210.6-09\(7\)\)](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 946-SubTopic 220-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph (SX 210.6-09(7))) -Publisher FASB-URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-3> + Details Name: us-gaap_CommonStockSharesOutstanding Namespace Prefix: us-gaap_Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionDescription of voting rights of common stock. Includes eligibility to vote and votes per share owned. Include also, if any, unusual voting rights. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 505-SubTopic 10-Section 50-Paragraph 3-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-3> + Details Name: us-gaap_CommonStockVotingRights Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_OptionIndexedToIssuersEquityLineItems Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFace amount per share of no-par value preferred stock nonredeemable or redeemable solely at the option of the issuer. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(28\)\)](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(28))) -Publisher FASB-URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(a\)](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (a)) -Publisher FASB-URI <https://asc.fasb.org/1943274/2147481112/505-10-50-13> + Details Name: us-gaap_PreferredStockSharesIssued Namespace Prefix: us-gaap_Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionAggregate share number for all nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer) held by stockholders. Does not include preferred shares that have been repurchased. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(28\)\)](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(28))) -Publisher FASB-URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 2: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 2-Subparagraph \(SX 210.6-05\(4\)\)](http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 2-Subparagraph (SX 210.6-05(4))) -Publisher FASB-URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-3>Reference 3: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 946-SubTopic 220-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph \(SX 210.6-09\(4\)\(b\)\)](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 946-SubTopic 220-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph (SX 210.6-09(4)(b))) -Publisher FASB-URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-3>Reference 4: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.6-04\(16\)\(a\)\)](http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 210-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.6-04(16)(a))) -Publisher FASB-URI <https://asc.fasb.org/1943274/2147479170/946-210-S99-1>Reference 5: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 946-SubTopic 220-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph \(SX 210.6-09\(7\)\)](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 946-SubTopic 220-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph (SX 210.6-09(7))) -Publisher FASB-URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-3> + Details Name: us-gaap_PreferredStockSharesOutstanding Namespace Prefix: us-gaap_Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionThe number of shares into which fully or partially vested stock options outstanding as of the balance sheet date can be currently converted under the option plan. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 718-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 2-Subparagraph \(c\)\(1\)\(iii\)](http://www.xbrl.org/2003/role/disclosureRef-Topic 718-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 2-Subparagraph (c)(1)(iii)) -Publisher FASB-URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsExercisableNumber Namespace Prefix: us-gaap_Data Type:

xbrl:sharesItemType Balance Type: na Period Type: instant X - DefinitionAmount by which the current fair value of the underlying stock exceeds the exercise price of options outstanding. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingIntrinsicValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionWeighted average price at which option holders acquired shares when converting their stock options into shares. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(02) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> + Details Name: us-gaap_ShareBasedCompensationArrangementsByShareBasedPaymentAwardOptionsExercisesInPeriodWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionPrice of a single share of a number of saleable stocks of a company. + ReferencesNo definition available. + Details Name: us-gaap_SharePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionPer share or per unit amount of equity securities issued. + ReferencesNo definition available. + Details Name: us-gaap_SharesIssuedPricePerShare Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - Details Name: us-gaap_AwardTypeAxis=gtec_PiggyBackMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=gtec_ChardanMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=gtec_CEDECOMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=us-gaap_WarrantMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementClassOfStockAxis=us-gaap_PREFERREDStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementClassOfStockAxis=us-gaap_CommonStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_SubSidiarySaleOfStockAxis=gtec_SponsorMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_SubSidiarySaleOfStockAxis=gtec_PublicWarrantsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_SubSidiarySaleOfStockAxis=us-gaap_IPOMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 108 R97.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Earnings Per Share (Details) - shares Jun. 30, 2024 Jun. 30, 2023 Earnings Per Share [Abstract] Å Å Shares underlying outstanding 4,530,000 4,530,000 X - DefinitionNumber of shares of other common stock instruments held by shareholder, including, but not limited to, exchangeable shares. + ReferencesNo definition available. + Details Name: us-gaap_CommonStockOtherSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 109 R98.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Earnings Per Share (Details) - Schedule of Basic and Diluted (Loss) Earnings Per Share Computation - USD (\$) 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Schedule of Basic and Diluted Earnings Per Share Computation [Abstract] Å Å Å Net income attributable to the Greenland Technologies Holding Corporation and subsidiaries (in Dollars) \$ 4,650,910 \$ 2,399,138 \$ 7,153,113 \$ 3,846,113 Weighted average basic and diluted computation shares outstanding: Å Å Å Weighted average shares used in basic computation 13,594,530 12,978,504 13,594,530 12,978,504 Diluted effect of stock options and warrants Weighted average shares used in diluted computation 13,594,530 12,978,504 13,594,530 12,978,504 Basic net income per share (in Dollars per share) \$ 0.34 \$ 0.18 \$ 0.53 \$ 0.3 X - DefinitionThe amount of net income (loss) for the period per each share of common stock or unit outstanding during the reporting period. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-6>Reference 2: <http://www.xbrl.org/2003/role/exampleRef> -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482635/260-10-55-52>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147476176/805-60-65-1>Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478666/740-323-65-2>Reference 5: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-3>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482635/260-10-55-15>Reference 7: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480175/815-40-65-1>Reference 8: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480175/815-40-65-1>Reference 9: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-11>Reference 10: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-11>Reference 11: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-7>Reference 12: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482689/260-10-45-2>Reference 13: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482689/260-10-45-60B>Reference 14: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-4>Reference 15: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482662/260-10-50-1>Reference 16: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482689/260-10-45-10>Reference 17: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483621/220-10-S99-2>Reference 18: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478524/942-220-S99-1>Reference 19: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477250/944-220-S99-1>Reference 20: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482689/260-10-45-7> + Details Name: us-gaap_EarningsPerShareBasic Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482689/260-10-45-2>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482689/260-10-45-3>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482689/260-10-45-60B> + Details Name: us-gaap_EarningsPerShareBasicLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-6>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-9>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147476176/805-60-65-1>Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478666/740-323-65-2>Reference 5: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483621/220-10-S99-2>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480678/235-10-S99-1>Reference 7: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481687/323-10-50-3>Reference 8: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482907/825-10-50-28>Reference 9: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name

Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482765/220-10-50-6>Reference 10: <http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3>Reference 11: [http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(b\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1)Reference 12: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph \(f\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1)Reference 13: <http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8>Reference 14: [http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11](http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11)Reference 15: [http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11](http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11)Reference 16: <http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4>Reference 17: <http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10>Reference 18: <http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7>Reference 19: [http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-04\(18\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1)Reference 20: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.6-07\(9\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1)Reference 21: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph \(SX 210.6-09\(1\)\(d\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3)Reference 22: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(4\)\(i\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 23: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(4\)\(iii\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 24: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(4\)\(iii\)\(A\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 25: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(4\)\(iv\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 26: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(5\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 27: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph \(SX 210.13-02\(a\)\(4\)\(i\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 28: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph \(SX 210.13-02\(a\)\(4\)\(iii\)\(A\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 29: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph \(SX 210.13-02\(a\)\(4\)\(iii\)\(B\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 30: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph \(SX 210.13-02\(a\)\(4\)\(iv\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 31: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph \(SX 210.13-02\(a\)\(5\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 32: [http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60B](http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60B)Reference 33: <http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7>Reference 34: <http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28>Reference 35: [http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1A](http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1A)Reference 36: [http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1B](http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1B)Reference 37: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-04\(22\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1) + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe sum of dilutive potential common shares or units used in the calculation of the diluted per-share or per-unit computation. + ReferencesReference 1: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1) + Details Name: us-gaap_WeightedAverageNumberDilutedSharesOutstandingAdjustment Namespace Prefix: us-gaap_Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionThe average number of shares or units issued and outstanding that are used in calculating diluted EPS or earnings per unit (EPU), determined based on the timing of issuance of shares or units in the period. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1)Reference 2: <http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-16> + Details Name: us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding Namespace Prefix: us-gaap_Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of [basic] shares or units, after adjustment for contingently issuable shares or units and other shares or units not deemed outstanding, determined by relating the portion of time within a reporting period that common shares or units have been outstanding to the total time in that period. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1)Reference 2: <http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10> + Details Name: us-gaap_WeightedAverageNumberOfSharesOutstandingBasic Namespace Prefix: us-gaap_Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_WeightedAverageNumberOfSharesOutstandingBasicAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 110 R99.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Earnings Per Share (Details) - Schedule of Basic and Diluted (Loss) Earnings Per Share Computation (Parentheticals) - \$ / shares 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Schedule of Basic and Diluted Earnings Per Share Computation [Abstract] Â Â Â Â Diluted net income per share \$ 0.34 \$ 0.18 \$ 0.53 \$ 0.30 X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-3>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-3>Reference 4: [http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph \(g\)\(3\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1)Reference 5: <http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3>

Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482635/260-10-55-15>Reference 7: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph \(e\)\(4\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1)Reference 8: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph \(f\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1)Reference 9: [http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11](http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11)Reference 10: [http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11](http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11)Reference 11: [http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7](http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7)Reference 12: <http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2>Reference 13: [http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph \(d\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60B](http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60B)Reference 14: <http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4>Reference 15: [http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1)Reference 16: [http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph \(SX 210.5-03\(25\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2)Reference 17: [http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-04\(27\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1)Reference 18: [http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-04\(23\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1)Reference 19: <http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7> + Details Name: us-gaap_EarningsPerShareDiluted Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItem Type Balance Type: na Period Type: duration XML 111 R100.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Geographical Sales and Segments (Details) 6 Months Ended Jun. 30, 2024 Geographical Sales and Segments [Abstract] Â Reportable operating segment 1 X - DefinitionNumber of segments reported by the entity. A reportable segment is a component of an entity for which there is an accounting requirement to report separate financial information on that component in the entity's financial statements. + ReferencesReference 1: [http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 47 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-47](http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 47 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-47)Reference 2: [http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 54 -Subparagraph \(e\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-54](http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 54 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-54)Reference 3: <http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-18> + Details Name: us-gaap_NumberOfReportableSegments Namespace Prefix: us-gaap_ Data Type: xbrli:integerItem Type Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_SegmentsGeographicalAreasAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration XML 112 R101.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Geographical Sales and Segments (Details) - Schedule of Sales by Geographical Area - Continuing and Discontinued Operations [Member] - USD (\$) 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Schedule of Sales by Geographical Area [Line Items] Â Â Â Â Sales by geographical area \$ 23,017,260 \$ 23,569,449 \$ 45,740,851 \$ 45,718,809 Domestic Sales [Member] Â Â Â Â Schedule of Sales by Geographical Area [Line Items] Â Â Â Â Sales by geographical area 21,528,513 23,145,468 44,052,573 45,274,690 International Sales [Member] Â Â Â Â Schedule of Sales by Geographical Area [Line Items] Â Â Â Â Sales by geographical area \$ 1,488,747 \$ 423,981 \$ 1,688,278 \$ 444,119 X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_EntityWideInformationRevenueFromExternalCustomerLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration X - DefinitionAmount of revenue recognized from goods sold, services rendered, insurance premiums, or other activities that constitute an earning process. Includes, but is not limited to, investment and interest income before deduction of interest expense when recognized as a component of revenue, and sales and trading gain (loss). + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48>Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41](http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41)Reference 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(i\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1)Reference 4: [http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph \(ee\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32](http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32)Reference 5: [http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32](http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32)Reference 6: [http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32](http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32)Reference 7: [http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.4-08\(g\)\(1\)\(ii\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1)Reference 8: [http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3)Reference 9: [http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph \(f\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28](http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28)Reference 10: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(4\)\(i\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 11: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(4\)\(ii\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 12: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(4\)\(iii\)\(A\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 13: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(4\)\(iv\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 14: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(5\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 15: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph \(SX 210.13-02\(a\)\(4\)\(i\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 16: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph \(SX 210.13-02\(a\)\(4\)\(iii\)\(A\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 17: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph \(SX 210.13-02\(a\)\(4\)\(iii\)\(B\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 18: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph \(SX 210.13-02\(a\)\(4\)\(iv\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 19: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph \(SX 210.13-02\(a\)\(5\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 20: [http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30](http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30)Reference 21: <http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42>Reference 22: [http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22](http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22)Reference 23: <http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40>Reference 24: [http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22](http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22)Reference 25: [http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-05\(b\)\(2\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1)Reference 26:

[http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph \(SX 210.5-03\(1\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_Revenues](http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_Revenues)
Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: us-gaap_StatementOperatingActivitiesSegmentAxis=gtec_ContinuingAndDiscontinuedOperationsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=gtec_DomesticSalesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=gtec_InternationalSalesMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 113 R102.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Income Taxes (Details) - USD (\$) 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Income Taxes [Line Items] Á Á Unrecognized benefit (in Dollars) Á Maximum [Member] Á Á Income Taxes [Line Items] Á Á Corporate tax rate 4.98% 10.03% Minimum [Member] Á Á Income Taxes [Line Items] Á Á Corporate tax rate 25.00% 25.00% X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1:

1: <http://www.xbrl.org/2003/role/disclosureRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481990/310-10-45-13Reference> 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.6-07\(2\)\(c\)\(2\)\(i\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(c)(2)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference) 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.6-07\(2\)\(c\)\(2\)\(ii\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(c)(2)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference) 4: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.6-07\(2\)\(g\)\(3\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(g)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1) + Details Name: us-gaap_RelatedPartyTransactionLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_RelatedPartyTransactionAxis=gtec_ZhuhaiHengzhongIndustrialInvestmentFundLimitedPartnershipMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 117 R106.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Related Party Transactions (Details) - Schedule of Names and Relationship of Related Parties 6 Months Ended Jun. 30, 2024 Cenntro Holding Limited [Member] Á Schedule of Names and Relationship of Related Parties [Line Items] Á Existing Relationship with the Company Controlling shareholder of the Company Cenntro Smart Manufacturing Tech. Co., Ltd. [Member] Á Schedule of Names and Relationship of Related Parties [Line Items] Á Existing Relationship with the Company Under common control of Peter Zuguang Wang Zhuhai Hengzhong Industrial Investment Fund (Limited Partnership) [Member] Á Schedule of Names and Relationship of Related Parties [Line Items] Á Existing Relationship with the Company Under common control of Peter Zuguang Wang Peter Zuguang Wang [Member] Á Schedule of Names and Relationship of Related Parties [Line Items] Á Existing Relationship with the Company Chairman of the Board of Directors of the Company X - ReferencesNo definition available. + Details Name: gtec_ExistingRelationshipWithTheCompany Namespace Prefix: gtec_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_SubsidiaryOfLimitedLiabilityCompanyOrLimitedPartnershipLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=gtec_CenntroHoldingLimitedMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=gtec_CenntroSmartManufacturingTechCoLtdMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=gtec_ZhuhaiHengzhongIndustrialInvestmentFundLimitedPartnershipMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=gtec_PeterZuguangWangMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 118 R107.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Related Party Transactions (Details) - Schedule of Due to Related Parties - Related Party [Member] - USD (\$) Jun. 30, 2024 Dec. 31, 2023 Schedule of Due to Related Parties [Line Items] Á Á Due to related parties \$ 3,831,576 \$ 3,831,636 Cenntro Smart Manufacturing Tech. Co., Ltd. [Member] Á Á Schedule of Due to Related Parties [Line Items] Á Á Due to related parties [1] 2,546 2,606 Zhuhai Hengzhong Industrial Investment Fund (Limited Partnership) [Member] Á Á Schedule of Due to Related Parties [Line Items] Á Á Due to related parties [2] 94,442 94,442 Cenntro Holding Limited [Member] Á Á Schedule of Due to Related Parties [Line Items] Á Á Due to related parties [3] 1,341,627 1,341,627 Peter Zuguang Wang [Member] Á Á Schedule of Due to Related Parties [Line Items] Á Á Due to related parties [4] \$ 2,392,961 \$ 2,392,961 [1] Employee wages paid by Cenntro Smart Manufacturing Tech. Co., Ltd. on the Company's behalf; [2] Temporary borrowings from Zhuhai Hengzhong Industrial Investment Fund (Limited Partnership); [3] Total dividend payment of \$7.6 million declared by Zhongchai Holding to Cenntro Holding Limited. As of December 31, 2019, the balance was \$1.34 million, and no further payments had been made since then; [4] Payable to Peter Zuguang Wang for capital reduction due to the dissolution of Shanghai Hengyu Business Management Consulting Co., Ltd. on July 10, 2023. X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479319/326-20-50-14Reference> 2: <http://www.xbrl.org/2003/role/exampleRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 80 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479294/326-20-55-80> + Details Name: us-gaap_FinancingReceivableRecordedInvestmentPastDueLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount due from parties in nontrade transactions, classified as other. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference> 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.6-04\(5\)\(a\)\(5\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(5)(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference) 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(3\)\(a\)\(4\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference](http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(3)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference) 4: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-03\(a\)\(3\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1) + Details Name: us-gaap_OtherReceivables Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=us-gaap_RelatedPartyMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RelatedPartyTransactionAxis=gtec_CenntroSmartManufacturingTechCoLtdMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RelatedPartyTransactionAxis=gtec_ZhuhaiHengzhongIndustrialInvestmentFundLimitedPartnershipMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RelatedPartyTransactionAxis=gtec_PeterZuguangWangMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 119 R108.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Related Party Transactions (Details) - Schedule of Due from Related Parties - USD (\$) 6 Months Ended 12 Months Ended Jun. 30, 2024 Dec. 31, 2023 Zhuhai Hengzhong Industrial Investment Fund (Limited Partnership) [Member] Á Á Due from related parties-current, net: Á Á Due from related parties-noncurrent \$ 228,311 \$ 225,927 Due from related parties-noncurrent [Member] Á Á Due from related parties-current, net: Á Á Due from related parties-noncurrent \$ 228,311 \$ 225,927 X - ReferencesNo definition available. + Details Name: gtec_DueFromRelatedPartiesCurrentNetAbstract Namespace Prefix: gtec_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of tax expense classified as other. + ReferencesNo definition available. + Details Name: us-gaap_TaxesOther Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_RelatedPartyTransactionAxis=gtec_ZhuhaiHengzhongIndustrialInvestmentFundLimitedPartnershipMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RelatedPartyTransactionAxis=gtec_DueFromRelatedPartiesnoncurrentMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 120 R109.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Related Party Transactions (Details) - Schedule of Dividend Payment to Related Parties - USD (\$) 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Xinchang County Jiuxin Investment Management Partnership (LP) [Member] Á Á Dividend payment to related parties: Á Á Dividend payment to related parties \$ 208,524 Xinchang County Jiuhe Investment Management Partnership (LP) [Member] Á Á Dividend payment to related parties: Á Á Dividend payment to related parties \$ 495,071 X - DefinitionDividend payment to related parties. + ReferencesNo definition available. + Details Name: gtec_DividendPaymentToRelatedParties Namespace Prefix: gtec_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: gtec_DividendPaymentToRelatedPartiesAbstract Namespace Prefix: gtec_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=gtec_XinchangCountyJiuxinInvestmentManagementPartnershipLPMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=gtec_XinchangCountyJiuheInvestmentManagementPartnershipLPMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 121 Financial Report.xlsx IDEA: XBRL DOCUMENT begin 644 Financial Report.xlsx M4\$L#!0 (*Z #ED'04UB@0 + \$ 0 9&JC4')O< ,!O87!P+GAM M; \$V./0L' ,!!\$!QO;= !P4)B0-!2L+(/>QLOD&1#LD)^OCG!CVX>;QA&WP!G M*N*I#BV&5(_C(I(/!47BK9.7:=N')=H!6-Y #OGDK7A.YNJQ<&4GPZ4A!0W J=0U[R;UEA 6#MI7E!+ P04 M " "N@ Y9,&O?N\ K @ \$0 &1O8U!R;W!S+V-O&ÜLS9+! M3L.P#(9?!)>7>LT&0E'7"X@32\$A, G&+&'&+.-HH.6KWJ]1EZ3X@ 3C& O/Y ML^0:@/8^TG/L T5VE*Y&WW9)8]B (W/O D/Y\$TJ^C'L!(C, _MGD!)>0.>V&C#!B9@ \$1:B:&J+&B,9[N,];W!A_8SC"+0"UYZCA!558@FFEB M.(YM#1? !&./GT7R"[N?HG=NZ. "7)Z;0 SEL)IS>8>WIX>7^9U"!!J]U[5L;]<[HX%][OK]X9_9M"8V@;:T\$W!E=MNTF83M M3A^&5B;:EDD81 OTV23;J! /0L2/0.14?GZ#AY\^XN8NB&B)3R M> +]O6N[!3+ MUES@6QHO(J;JM-O=5H11;*81V!@?5XL:\$#05%%;;U\@M.4? ,_@5RU2-9;.! M\$U=!)KF(M+Y; ,7VMX^9< _LATR@6XP&U@@? \YOI<1.6HCA5, +\$P&IG/U9K MQJ'22('"R7V4!;I)]3%O@R#3LZG5C.=GSVQ.V?C,K;=#1M&N#C7@XML02 MBW A(5M>5 TR M6!'VULS2 Y9>?* IUE!K9;=O5SP6.XYB1^QL4\$UFG2&98T1G*=D 4. #?2 MT4Q0?*]!MHK@PI+27)#6SRFU4!H(FLB!J4>"(<7K;YH] M5Z*82=J\$^!!&&N2 <<<9ST6S]Z5&T9YB0-RCEU@5 9<8WS2J-2S%UGB5P/M MG#P=Q+&E L0&8:7)"82J3E^34@3_3_BNEVOZKR2.FJW"\$2M"/F(9 M-AIRM1:1MG&IA&!:.\$L1>[\$2M]!6:PUDSY@R.S-D77.UI\$.9)>-T(^8LZ+ MD!&_H8X21KMHG%8!V>7L-)P>B"RV;JN'Z&U3-L+([W1]072N0)/J<_Z3(T M!Z.:60F[A%9JGZJ]'>ZH'C*!?)&Y.C[E>G*&Y;&O%&"N@GL! _]'>*K^(+ M.7N?<^E[!GT;?2MSAD6R4)RU3393>? M\$YI&V[I4 5*E=? EKJDHN#Q;YFO70^+ ,_Y%GM.T.T.WF)&Y M"M-2D& #>G>=>#KB.=D\$N7G85VWGV.^1^>?&4;F[!AJJ&F, # M0X=Y>U^89Y7&4#04;6RL)"Q&MV"XU_\$L%.!D8"V@!X.O40+R4E5@.5O& RN0 MHGQ,C\$7H<.>77% CT9+CVZ9EM6ZO*7<9;2).<I)FI-GJ]K>9;!151W/55OR ML+YJ];053L_ ^6:W(GPP13A8+\$DACE!>F2J+S&5.^YRM)Q%4XOT4SMA*7&+SC MYL=Q3E.X\$G:V#P(RN;LYJ7IE,6>FMM#M#

DL6XU4(07N)-7>W5YNTB42%(JP# 4A M7W+W+C[^^3G>; U_HL@6V\$5#)DU1?^0XG!/3-R0!A4)?..NVB8+A=OY5/&J&KXF M8\$O#>FZ>=+?2
_VJ[4;/074];SHYG@'K'. M4Y,LOZ1^P^V^BH 1JY^*^NJJ\^?26<.[1]I8\$>FV,S6V23VW>.^?2K6J5D?Q\$ M2P=#1Y!&XQ;[#1?
CQ1BK::QK<;:,0QY@%CS\$*%F.-^'19H:,]6+K\$F.F\]] MU4#E/[O4#6CV#30,9FVJ/D3@H\W/[O#:#"Q([A8N 5!+ P04 M" "N@ Y9L(J)GH<& #+) &
'AL+W=OZ%FQB(EL2<[93V MOS]('3&=')-#Y\$U+0KX?|OA' 1RM:7L!U!3(L!+%,|NK\$68O.QU>+>FD28 MGJ,.-B>4|2|HB+.0F6[7XAA'LIT51V\$*.
<|&*E?IOBGK7=%\$A\$%,I@SP M)(HP>[TA(=U>-V!CMV,6K-9J][6CUCXK9X1>9\$?-U,F=QJ%2E^&)&8!S0&C"RO M&MWWX<>|V54%ZQ)|V?
*|UT(A)*20VV, .N&HZ(A,03@*+?+?D,JO)+,|@*N+L\W/)&* P'TIO'D!^JD EGV'FQ>X6AV
M9BG6+1.X=\\7H%CU\UM\$Q3+|*V2:LE31"K;IP+)|M\9)WH#>@S8:)^!HSPJ]; M0F:J=UI>7G^3U:..2^@OPF<9BS<\$P|HG_MKXESZ4X(0|H1MD#?
R4Q.? =WD 69T#V#:.50SD=MV@?|U52 |NJ9?|42O *,[FCI|?S *H!| MD(C 8VJR+)|MCE03|R/78(|<-^3,XX0|DT;OMU AA?|[B?=\$86 HVP5|JY:N
MZ1>O&V(BM9=#1 G%A&D=M.A*14R!|UBJ%)J23 4A(608\$8VE D3GCU1L,34-*K MU9%X%P7>1<4>8UA>|/A6LYGSUKBD!|K65' EX6@)|26DQK&
(A^"O1QNX+^&|&M0|N4X#KQT.TX;&CGKT"*H0OC:2;GO M' L9)|28D= >(&& M;O??"Z1@|!ZQ CJ,T(VG4F|U\$@&R#&+9K4%UQX1|1VGG+
<.3X).E&!% M4 (HDP*8HIZ|N9|K+J, #&@B1|0I(3|15 M"MGM)^>B"D58GO=L7C:HI!=> .NN7)"RD&ZHLS,9|9
MT(B0)/3 (&|GB9X%&WCJ,"FFC0E9C*;HSPK(|;Q(NW^&|P7H@I^S.VUYV+|X6 M)E|F(812LU>@|E@EA;QZT|'SP; ML>OP**0)"E7R*#|V7DN-V/;
(FR0(235CVHX#YDD@#06ZCI&|#= "VJEO)!..P%'^|;\$/?FRW4=.H6T3B&[_G|6CCE-'G/|;.(|R> M?YD!*UY#6*51|IW2W9FYUQ+G?
9T;|>JP*%=.E%O)H@|J*>5"ZO%?P:;4 M _@D.MT..YE8Z|[EE0+E0NK+\$\$S3M;I^WLD|O>S6CA _R>9\$8I2W0AV:Y6K-MBU:%8[M|/<78C>J3IMXUI_Y;?
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<>Z>=>|O*?T8#CU MG_EK|1#([|X'XQ'|BYZO E5_N2:Q>>71>"X8NWQO&*E'Z%"?|HW) ?|HT _M|ML&CR74CN16I9(*)|"=OARRMDZ:I
MIW>=>]]#M?&AWES@ [S.V]AX74>;ZJ5,T^"A*>K(G1XJ|Q9,Z ?3YE)8^/O, MYS-6=[HY\$S\$2.O]=@OJYVG91^Z _%E-E3+H M9987U?
%@:LS\W18C:|=J|JM/>JX*^ .51ES-IX+)|&ES4LE),VB6#TD4Q<.9 MS(K!R5'SW6UY%NBU15<|FLGS|JG+|]?#S @[#T|QYS-[(#&XI^9>|JXV/B;|RH/6/^W%
MY>1X\$%E*\$E=C8UU(^+>09RK/K2? |>?Z6|]3SMP\ _)]^:X^&8!UFU_YW _MD4W,J'|@!FBB'F6=F\$O|_ \$VM
N+6WUCG5? _>E|91@,TKBNC9ZO|@&%"6%E?D:EM09OJ|,3FV8T1),
M=AI'IH1?,QAG3GX4LIYD1DW0F2XJG6<3:2^>REP68X5&UG&%#M&/T3GZZU _^ M=C0T<%,[=#A>W>#K\@;,\$'G:@S#<3.<;@/?QJCK
M>,DZ7M+XHQY_9W59J|L@6540F"N=J+LJ]> #;|E+E0@U.2OT% MQ|\$75W|[3YD-46RF*"Q :#^<K+,%S"%V9J1+5W'CRF|[Q0E.
M,\$S%Z2(^&BV(^H:|)3_|D+|UJV1LN?|.J49?Q>O"N3- VY-TRC& M5'O@|NTXB4044S="OD;(@PA'4UT:=* *Q;HL%>7 JIEQX>3|^_.(84\$[./MV M1&#
*=PXXS?..(CS6AM508D="YCPAURLN(,|5\$913(B.(AC|B31E!6ND\$F M:Y)|.3I>?K4&(L; |J0H9SY3/H8L!\$S Q&VUV3?\$.144, _BS58\$01KI|LP
MNLQ4Y04I^B CPC&EO /2865ZYW9K< ME+&4=//K,241)[RA#>(\$@>|WVLC< 3&'Z'=^H+@/)%*B)|DG>Y:%X=;275"W2O7|/-9 MDP|+@B|O3%DOQ6-
6H'FIGP^?&T.O;K;YJ-G15&%D19E||0 M7NXS'Z06F^+|UFSG@*8B#|:6(7&8(L 5HX*),4%&OH1P|JM/F<4)85W X| B/M.8|).%N2Q&&6;+J|JO_UX:)=
*>#^\$2"!>DEU\$6EA^&\$/A;1A|AOPM>X%T M3M1<5YE|A9YCU+%&,"Z&N&L.5B&OFHIR5'<4;)(Y0HMM171G=|^ _&|&8|;5
M1PX|'\$(=K|+6F|DH2)|N^>15|ABOP^R/#, @ MZIQH|JL' C^XD;3C2,%&?PG45%=.R|*4XJ3|;|HL.4C@GZ_XM 1)P@1Y+U=|^+OSV>>\\ MA\$4@+|H@'79"S%7)
N2@>#TB05'E5\$ M6EXD85ZV6IOG=J|CJ,W)%#%#>?'<1H\$S+U9;3F2A#GR2DF0&N_A=|CRN.T MMT
==@**N>>KM.5&N@LW|IA5V|>V*8|3IX'58VMW\$.|94+=J2|(4|V|O MX0W2|\$>99U _>MN-NV98&F6VW|;3RL;7|0+ZDHC=!#L-
8L|A|NGNZ<58:9LAU M'1|J|A2J|9V6FKCY|('NS'89<@>B>=MIZV|)?#9/?|([LY<82>G7B|,|8QB** M M'V3>=8\$LYB7S-(6Z'C8+KB)?WED"?
RVB:0E7I'EB'84+2-.*>II"VG\$?? MX;Q&OUY=GGZ|O+|J|O|QPBE:|L,X29.8T5YR<<27D)Y|'LF+?71=ZCOYOOW MR_OO%?|W(W1Z78|_J|O+Z _?
G%)YD,=|/+9 D)4 7\$|WY&T|J|:3Z3M|;SG)"EF^HLKFP|X".9|F M)5K(O%8|J(8!L^81WO)W)&L#>C [MY|09@>|>0=P|),W;|,E|SOO' _K<|OO?^6T_
MC6HE|@M+C-|)+GA5#&YC*;'&8%&LMY!F7-^6C*U583\$?.JXJ=WL=R&W&H, M%F| 1T:VFA8**M<."LMZ_?65#!">P5L|A-
MH^TH8&C1<*>,A*F2,FR@-7F MQMGG|FC|A"11^2.ZRPMJO|?A4;6<#*L@ :MGI6|YTS|=63"CV#3|U+S(L M0-CHR@V^K.P*:>L+VE*
(%@M+|\$X^5#B9X^%I3&|4K|%S M6481R SJ6BM>F|A|)="(95V84N>Y+499810L:>>Y(G,UP5'\$6??DVV|'(\$^B|J
M?:NYU0UL%|JP^G9Z= 'MYNK|XF|TEN:++? RXO/^7M\$Z?""1!"G/=@.RRB& M113Y@+ XUDSWVO'OR|JOVS&WY,| #
MY&YGR^CN7#67CJ*MP0&Q3S|K\$*,*=3FJ|X2*WZ& >C@C=&SYN-42:!*P_ /VIMWB|JLZW;KURM; @-02P,\$ M% @ KH .63OD|^Z: @ K < !@
!X;|JW;W)K\$S<^5I78)F:..?9-O6)EB<-^J|J@C@HK+M|JLWNNS[L \$;C)P|!|XB.!<0=(/9&6V7>UA6S+\$NUVA+MJI'-#7QO|/K=<=F^
MXLJ|JG.6(L|JFM9\$W!+11D|J11@A?,|9=.,|D#63ABOT|F3(.T)5B>.,V%>DS?D M);\$E|@V*;4HQ-1O%OTLETT>F+1SXT(W%X2J(P&@_ 9X?A5Y C?3A|3Z<
MH0V^!U@|@CSQ4_P+2QZCQ_3\$K4BUURB<X\$F2O3# _: VVV|IK,8?|N>0U99| M|,SM-N&YJ5D.TP|WF0&|@2!
|6*4A|&C&G|LKTQV'T;XD|LV5==H?|T"W6 M4U(SF39, _N"172@BF=#E|MQ60A|IQ<|EA V2H\$? _LJ|>#<=<=#\?-ZP!|;
M*LU_0S'D|C#9+68JM|>#&|X5=_ _3|9XG;DPS|^3^> MQ&%*-[OJCRCS\$IP<* B(PE8PW3E+W3WVA>DUEX8(M6'\$T'/N'+|J)|K|JMh?
KTME|;#VPQ^O4|J"N _=72MG|P|W8 06= 0%602P,\$ M% @ KH .6B4Y>: 7WU|V+9L=UHF74Y|Y7WF:1YY_*OO=0 M7|)[K=96EN7HH2+E>+I/BZY7*]-
M%AW6^W1BG+XO*W.A>GJ^2%5S1U>|JH8"K M[L|*%VJO\$QU3@KU?^IL;8AZ9;C|B55|EF;\$X\$ _AS;[2SZ],TW/_S?JGFCR0>4I*U=?
9;^F6EQPT@Z9 M|^>DG55C 7;CMH2DL3?365G 3JZV6-HALW59Z>6V,8|F@>?;S^3+UA%#< _ MWH|O&W"|@7>D>@= @V\$. MP=LV-|;@|PVJ*EW-
JQKQPV2^KD|+ 0;*OP:K)DO MM??KUN"O-#>|J.D^<#6%=M7E8YZLYVFEYJ2O|U)GZ3PQ%,*B >J|+H9S); MJ2(Q|UJ2)#?(003EPD3+JR+#+?
7BISH |X|G%V02-J>^*(O>V4|X\$+OW5%8% M+K/8%|);>;AQDPF" M7R4Q==""J2E6|JL|E/ |&?/I/S\ _T|C@9QJ+?Y*Q
M@QQG=C/BM5F_*M7E;|5B;E _T|*O6Y|JZ7K|64|)!EYJW?7M1A0^IG18?
M@00T9.#14+)|#8(P^61C2QN(!7;FC*UO|J)G59F<3THO6))"VL1|QM;\$A|WIG M/O<\$|I|BC@%|C_F,6|1=H|""10\$|/+.(8D/N|)|#A.W-
_1|JUN|Q>09\$|J|19%F1>@^@I,LDKKUG0,7)T3(VXO M< 0'R\;S0|P+TZTC..E)'AZ|)!8\$;.49;O3#5%42"WHBO|ZRI;K:F#4-R;#D?W\$Y0^>41!6SFKX|=
/[|J(Q>9NT8T^U&BRRHQ737E1^Z|3NKB@GG6%2)2VL\$| I|Q^%P%7 _/U*O&M7(VF7C"\$*I MV^81/VPIR%7:C6.R0FKV?D?9NXK.EZ +0EL\T (?
\$D9L^DC&C\$2 ;?3HS="TB;N3|)"A2K 1 M#DB E/G|,=J-PF3M O|<GFGY&Z7K2C89|H%CEI M%WD41;Y-F87"/MFL|P M2-
=0XB14,,|T8M|G:U>|M|)F>D(4YZT^EX>/4X|5W=0@".R/T(|M|/QZ; MV^-|;."F3B>3#;\$<52,0[_ /'31X#28U3:B0#!<1Y&L^>V (U+ "7WY9\$J
MRQLQR=O=9N(MGKL=Q?)"NQ^0:=R_N1 =CJZ|833X6#8&P,|J9ZK|^%#2B-F|@>@0\$CV\$1..^UQ@P*1@3-CN0^1MZ/G|P\$/W M-6*4MXO1T?
0F'H,|K|A|&OWDD>'GF-R.(10#|CZ|2VVI#Z;|@0-#93-BY M%\$;""OYLR8:'Y|(H|-UE#?>?KT|>4\$F6_E?-R;N5|J2D|JFZ"%0^<^T|@
MFYZ767U,3DR%)4E5%>G3NDJ>_D4J3:X+I?+2(ZIFBURG>F75)7D1F=SL|OK MZV*E^-?
LM2XIUT|E.D^3(L5W?|S1HSP*A.N,)#D.BE|^W@+0T:2L<@|JL|- M4W8LC35BF+>+X1|JR<:[STYG,JT)O3HW2|7X"|9|K84|9|2-?|J|@1Z5@6|+ M/
PI?|9YMMY|30I^>1M|(7MXN>S>^!K.#1S0|P'VE+|JO|N%QLXW+V5^/2 ME|^>D>+ 9&SK523K|J|/3W\$ 'Z'(HPM^4\$ C1EG1Y+?HU^YNWZ^:|[%2+Q
MWH'8.Z?DC#?)W4|T@>A|P6|L0L1B8#VGM:|A1|1|ON.-|N;MNON>?A|E M,XT|N8S(0RGMCT%)C<|4|UD|B=3*&80GT|(R>P|J9TL\$G ONBWA
MR)&LD)\$GA5-0\$23DI=#=|; _9OP>FX=>:L0Y;Q?G5TF9SFKV XB3|")@(\$Y) M:3R!V)C+M@;|"OUHU|^&BK*/ @8H2CJ)?H,*#WNT>'?W'C|O5?
%2|_//F0&-^|R+75*|'E),O4,7=&| M 4Q3L7DW8'-1Z57|V|M)5Y>UE7?IFKP@#@>|V|M|V7|H|=&QJ7_P-02P,\$ M% @ KH .69.5+|2E @|0<|!@
!X;|JW;W)KUO|5OEQBK|9%C2%=R#>2CC#B6_9;H!80,(GP/B#P!1 XB,|1 W@/A8#<^<P?7NU|F|PDVIH4U|HG-
4ZZQ"O,'P,A)|VH8|K4,70HW(K40V368B@ZP#|SV,OSB |J%L>|>W M>_>W&X4""SY7HD2AX1|(C@OBF1P/C|K2^3_OLW_VOE>J&VDR/%%+_ _U;= V
M#OEQQO=!&X2#XV?74-5G<36*:XT"7-(61AYVF0:W12J|Z|ZE|\$[KJ?|JRZ2G) M9BFD,U5\$ 0OJ>V9QN*E,[-I
M|MYT/S,2/?+D2Y)VWJ|;MN)M;1HGNL7>|>;8L% MM6UWL4WSVW; M7EO=I7R|J<|[-W|;V=V=T99D:W:#I&*R_9?584'4FMO M|&A |>)BOJ1-
=E5|_G7|>9VYL^L=?.8|HKV4 6:9<+XAU0517- G_K|!|U MA7BU:|J|>VPLSF",EX>?Z= ^W'6@ :!O38@,H-\$/T#=#F5 _I..JVG@!'LX M4@.BNP9^;,#-
G'|#5SY&G2GY!T;>|(1F*!?:VS@|WOWT|W|OERF;7IW4U>O M5MVI!|U|L0^?(601A7G9Q>Y#6XN_YJ)=> _Y3'?KO,W6UGU5-E61K|/NS4,K M?
H@0;1NK>K0>-FF=;|IBG>7-CS_XE'B 6.%?N|S|;LVMSP|+Z|T_?KI9M.)T M.NAB=3ST^|A|>;00J?KO|3CY8|OK ^5|3&MK3 28IU(PQ&M)"
M4+|U|^M^<_OY|,"8"TO|L=KW797| _|(^TF|7-V8K4L.G&|MF 5:NJFV M>=430=->&C&S=WUU|BRC|E35: 0%<@;F1&?LE;D)7%Z85J7>?G4
(C8C/A0 ME7-K595M717B;T_BJMI,|\$,+H|S(ZM^596|;G* MK+2UEMGJK<7(SQ_U^85BRTJ,OZ|YCE=9;93ZU|6\$LDH8G=|JUV5'8
MJ\$+?2"8CGG0D' <_)<|&|Y|W;|&9|XO?P<C&?^ M^ -Q|5^@L8T)"S%\$28LQH0E2+!|=#FGZ*|T?515&CY|J-"61L.V<(&W&6 M2)P0B1,YZAAS'#?PN)1\$
J|U-^ _D|J|6H.NIPGWL.G\$+XJ9.YL9^H2G/R#*4 M-'6=E:NO5ENG92.FV'T|N_ZOJ?Z2<@="XO@0|@<99VJ5P+|/!P
M+;B;A|AD@0P9D=TKD>|R5|J4J|@| NI(P92H0M|S ^Z =POWJ|E@O&MF |MHJ|V(V=8V'GSJ8|)"3%B\$8LQ80D2;!!= BFZ?+1ZWDB;..KJL|>-%6KJ
M>8(CGI !)?SJE|3SZM'Z3TJ;8E*"U%I\$2HM1J4E1|JY:N L\#W/AC,5.?G MR=@YY)^[4N0G6U^5F%\$3)I\$C;.0L BCGW+<=A^K3",0\$YQ%
Z!#;L^C.#/M|GD2%>A>|/F&V;Y>21|F^G@L _D 1R1F(% M;7F%6V:W+|&L0RQ06 6**.|BLD#4 [Z<6UOA% ^4|^7, @ #QR:|JTDLO75(MS-
[A,G)_UUFY|OL;RRS\$ BVQ0*\$6*,"DQK02CV;|8#+L7|9.(R#WJXDQK_R M.QXCF,F34,5-#A>5"MUSH@HSEWY@0+62,L4 R=.=W%L|J|KGR4R5(Z" D+J
M9Q0)20F!=|(1IN,E|<6^XC&6TS DG= G<0@=(0M\$R&|\$%XB UVA>/(9F|IGF M;S<6;M1O,|3^X,40U5'8|Z\$2HM1:0D6;|AUJ#<=J=ETU*Q|L
\$|+C|J)R>TCU MO9A-9>[TG/5];"<4^XS+Y^B.828| 8B5=A^|PPZ4%"#"BYQX@G\$1-(9[N< MB3H.S@*T|_H_! _P|BK(X^*|PYETA^_)_S
U"Z#20E1.A\$J+46D|)F78 M9F<|_,"UNI'E^&X|9=PC@998H|+ %%5EZ7U'.LY^E^Q'|^Q|K\$V%5/4N==..|JPSRCS7E1=Y\$!>_H &M
M>L1F'E|A84|F,^IO,1, *%8| BM|VGZ|?MJ-FW&V\$PWT%|O3S^8WM|2 ME1|BTB|46HQ2?|HPS#KS4(Z>J|AY=>2RSRDP(8_31J |AK"JX"QFPT|H6X5
MH"KA50"@Z|^>O^_7K7?^)|7_L-5D =<X+4 M| E>6 5IFU%4Y9R)?|WX|L8#B G/*%J|5HQ|&DCZ>A;C%\$146HM|B5EF8P1A|F6 M^Y=L|J#
[\$BVL6,V|^F# GD\$X#0|*S?H28H)!|JUI> \$EY? D+S^I+UQA^| M.ACOBY;X"7?Q-&D#="AHA*"U%I\$2HM1J4E6+1AF|U)\$MKL|HK2W/C*0,7RU3\$ M
H58H(BI%#C _"/9/M^04DT)|%B0-^&HY1D'Z8@1%BB&3IW8KE+C)|#0L1WF:98|K/6 ;WQO|89Y.7|)!IG M_K|
++? ,|BU\$146HM|B5EF#1#F&V,OF|LZ|ND2Y^|27C55DCP|O0_5\$7?2 MK|Z0S&FKY V77VIVK;|E|J8LGD=U9U _VQJMI0;[KO9SI]"=G=_P|02P,\$ M%
@ KH .68ZXI(G&"0)2P !@ !X;|JW;W)K;JMT^LBS77_OJ M(EJ^55A\R=8BE;|LLGP5EO(V^?P7ZUR\$|VKO^ND3QW'|JS|>^>GU;/K_/PT
MYY1JG(KK'!6;U2K,?U2Z|U'L^Z^>ZX; _%9J@?)J|_U^&AFHKQ;7?^RKM|J MF<ZNTU|Q3#>R|?M5^63DOG7D("S,DC B>;D|Z_DJ|>+ M<).4-
|GS;V+K\$%?ZHBPIJO_U|;6Z;H4Y39;CM86K"*T ME@+*=B)T|4@\\ M@&P'D 9AA MP|JF>O7EE5NC<(R/# _LV>4^VF135U4|Z|JFUDI _C5*\$@N4+=
P+);H4JYX@Z8;G 5*o.HA3VH^UK+^K7\$K7?0J2|IOE@<|,7,SWQ >E"XTY7-6/M)V5^<|/F& _%1;L^"4^V^| M'G3E.
U|SW:..N3WC>=&,93\$=1ED9Q(E#6*V>J|M(Q?XZ MSYB&:CHX2>2&30/RSA|K%-07,;B)>2?^92?|*RO=ERF|JERK4LYE|J)%=(U
MWDWG*%QE>1G MWH >5ZKXSNAI^ _)>U5A>22E|R MJXL|EZN7BR>1;L|J] #JFG&|,49;G?E?;"^H|J/QF^?>O|UKH*J _D+6B=A
M6E9S+|/>Q&L5H>@YCYM2\$|6D.5^UAW _W9;972D|] CHH#&Z|L|HJ22D|&PHA M|PL\$P.M81H)|D%DLAE|J
D*P1I0"8"6NXZWNL1Y=,1IXU&P&PW=C1D>.\ MR *CD:@OCIA/U1ZOV(GR4YEJ)19_A/\$@>(%DF< J_E 2#(N4,|@P<[H(VM M'@R78?I8S?
PBC/T'%8;H2+]=F\$S5 M,\$WL, 'U5+H6D0QN)9%M6EHZX_76B&J'D"| X<^V,VW\$ _"(G<(/ \$9\$XR\A MUIS2D+L=CF3(*<2^Y(7FE,_2MN^WAG-

OB?>NT>>8>7 \ +3#389!0MJ2 M@+&#W)JJ5VK,-W+*6R@F,B.Z.G(3+SOIXCJG!@G@&03NL%RW(9/ZUMZJH"C MHY;=9D69+4HRU5V"*^@>D?R QPWV80J\MN<QZFHM51&1-20"U-V.U8U5&+3YY& MKI8?49516WRC\HX?7C\+9/Q+KJ\$+Z(3\I)G)2-5W; \Y@F&=9JL9TGU% MEJ*ZM; &ZG6E8K\G;2;+5\$RLLJ));[.RY6ZRYH&5-GEW\$V(3V;5E 3-RF O M06^9C1C2US)2T)N06KJ\Y8J;U?7 W"Y(S10+PH5<(7K)*+Z^OTJ>G\TGZGJJCXC WMP4I6C\$-K\$*7?00% MET9K!%;?@C]QN)%: M;71V4BU!P[L*UI*\$9?A#H3^X9525RH[CD^=M\$ANG M@1\$:3H9U<%/? %][UUGJZZ/1\XYN2#5#FIR#9]Q9K2>B#^@A74 _1J\KNJN\$T M^=@WY &VK(+)/H 2,4!UF!YG59UIQN-V9;J[ZAJB1:#R5.A@:JA03/K,@S MF:?? O>@.9H_4 3K*N:XIWV _V5V>?5AL?ICN0U!NF]B5=>.,/O-LG(A#^@T 9 M4#14R7#)S1.SN!<?7L^<?N#%=>11\$* 5J0ZJ(WW<?%;(E2+Z+J: XNF3B M_ [*?715^,F205-& A]3-17,[52E<^>^2J]ZFF55,M^=AF<5V^>M!?'D0; M9&HDU^314#A9E#N["\BIC"OCVR%]=160 PGTTCDZ?>.CDZG(Z5L43@H ? 7@5 M.=/[@T9%].%=DH\W\BF1? ^-ECQK M ^M9(R2=U7/^E78*M^ M^9,G^+42^9#\'Q\^FJ\3FE!C@R/>2?2ER<@9%H[V FVMM/TC6Z<=F2P-;GV M^255THV;\+AWB:R.K%>R/M^X28T@4WHD\!%A>N[W: T03WYO,THS-;=>QC&=> M)MZ7YV\>4^"Z(<0+69J4[P\$G/5\$- T][OJ>Z\X(JN &ERW6)26^3.XKP2V=>TY/C M2?+1+R9) +4!&L@ \$ ^F\ _G< _IG=GQD/R%J1IQL+!+V\$^ CV"MBAP>]OAL MEIY/R72>\ :C"R"%T+8K\H5I/Y."HD&Z EJ1-Y\$R"*\$8MM .LARSCTCXMR& MEI(+&FKY#ZP&FGJ H944T)>4J..B+P 6ARQK!(R<5((",%U\$[F (K'W M^DT8^>;LIO#0R83VI> XXE) AN55M8SSWU-#D; .^H@EY.HX.C3(A&ZBX ;I M+^QL4259VM%D;T1RXW5PNE;> Q M]&=SK? T;HWO8AEN)K9=EL6IAUQ6-EU MG).P\Y" #/F!O+&BH _X7KO(LDW^&I>+&R<7S)EUOS5E>LR#GAPY1@ =?NQ4[P] M?CYX GS _?&I0L3><6 G.O9B" [S]42W,S>X9L9B4DUW2^FJ?&2Y71!J M2G:GUJ!>7>0D3^0IR"Z2,53T@G05#[G1]HCQW/K+&:N%~JX*@[K0.6#C*8% M\$FR>V _&1/KVG".5(,\$)F? *>J/KU8GB=-QQ^U3 M, \GNJG\0F" @#%';!V@0(81#;KXAM)R\$G)MT47<7OQXG7I-ML)X0P;\$? M\$WFB?N0)[7?/ IEXLS))&X*1"D#Q96JLU9-HDX#&B/M1 MUD2TNP@ZFB I4D1B#'-^*S9A#HPT3!"8@,OJDWM]FE2P;^9S3];ECWJ-R1L M1^!PITH<(AO)>T!(MYV(I.&+&H7J3YZ">U&GI(K4CNID\$VHRESV;RX2Y 1^ M-M.UZ?GD _GY3\U.8E6C+H5K*8Y=1/NN-S6==23[KO;@E_N" MRGSF^&DXDD&.R.M#N/I/Y(B V7+*^Y&G1Y 27]K9[2\AR?'QV?N'#0VS>/BYWA;+J&1^ _F@2&DD57D]";&F,7>5;IOV55CP*";@C;V;) MAE,J(GOHHFK=-EF^=R9MD&XQ9E6WIMID.0IO>D>?*"K;J]4T>V>G5-5DPVJ7 MT#N8EPS]8KB&8;97@FC2G,+G=&4[5=D>U" JE^%AEWR\L6%Y ^\,NB5QJ M^L4IK7B>W@67S10%4O: *42+QO.M\$>D/K5N?>T&K1OSD7? \!&FQGY+ M^YIO1'A!;=;JH&R+30?7;O*N*(A234)7@XF#^T, R(IJ)H3Z?U(V(LSZEI M-NT69))P!P1!7E/G)GH*A7+BL@N8G<0&- ^B<26O25I85N1YK Y92CO_C(^P-X;V%PJL@'I-I)36 - 'W7P1]JHCVH\$WC1#/'59&B7=U M-W6=TY+S^&+6 _^3.1=2T-/P?3SF-AO_918A1FNP1KD9S=AUT48XV0>VTR MB@L^N\UNK!*Y][OEIZP1?MN[+ (IRSV^Q6+(SE&#JN:!)F MSF/4,5\$;7% PK\K\$[TBA 2#;DK'942DBYW0-;+ \V/>QC8:;[RQTP M"K80A&6D(F@&6NPE)/AYZW\VA9+!>O\!J]R+&Rv6 _43G+P4K2^@&N.=JZP9R] MHZW=2Y6WXP(R18==P3\$>7=9(02BX@HXM\)5#/@-K#3.F4;JZ.U*"B;%FH M.N4D@8'I<9M2\ _IO<*IO@QJ1S:[8D@Y'Y(XU)"A*MN&4..RGA\W"2,2Z1 [M=13=GD "64R"C0!,S\$;J9 [N@NFK@Z;Q\GXD"K? E[+&G5%V7.>?>Y+V9 MK&F3#V03:20RI\ _'9UJ3.TEM#TX>N/6OWT# -75%VMRO[_E_G;JDC M5=K1HG(Y,BF^&@*V\$H9!H=SD\$@59F &4KGU4\).E9V<-+5;B!G&DT)S(MU4MF T;TN"9V,JO 18X&E; ^2J8Z>[?W\$G59MNB@V!M%+P M1=Z4V62:#\$GASAOQ_07>?8N29? 44OOAP9^SX\VB!7MR\SV'+FSD C<;Q7- M(V?YSB:8BH95*!>D1\+6TM I#FP)3-OY+J@O(Q4?,(L"P85LL"V5+I*5 M4A/Q+(@QXQ;CVD1K(\L%? 8DE2655>@*67251S;~&<8]DFWAKO "S^AI^AJC M 9+1\$&L%)QJ>D<:/R6V9VTZ\$%NN;Y#1 H)K@JHG/M'5UR/^#7: *%04<7 MC7E!P J;GK)EITMFAL\$X5J5N7-I][+&W BA-XBS^*XJ02X5\$ _<SRJ8Y=O) M+BPJ+RQ6/1KMWJYG>Z52CMB5P.*5:T>?RVR>+>JOCO4<5 K3#HUMZ4J;D M;X/5,U*(5)GU2(!\$-@:B-*0G;4-: #D0[)T@6^~!+K2@&TGA1"V]& MD0/K^>]E0C;9CJW60BK0\>HD>184WY,827!R/G-AW<#:QI9>HS!XP7::>2Y MQP\$U5\$J]2;C4>1UP1,60*^=J)6,%Z1>ZLE<?;W^S:VP[+MP%\$@ M54(- 9WY\QW3 \XXE)-Z9;4GW?A;8JZGK%:j434UIXB1NM849T)FXCSOC=6 MLC]6W7<F+&44N1\$ G8D[P5E'6]-V*CMF2VXOI(.(<5\$;Q%Z!+ECN#>@!&NCM MJB1ZA,/^;9LA+&YE,[KNXKP4>50*QD\X0!XBM&4LH Y8 2+&RMGDQ@IVA>X M,K&*OY 29 \$6%Q=CF*2BFB>O (<@;UF\$4A6-VBJ;IM4WQ%2L:A(I8RV^X&A M/6#78>0P*6-V2!";H 0U"*+&JOYYZA#X-

```
Hb66G5GJr/78DM(E1:HI:1 $1Z1 M*MG5H E&A-KG1[TPC]AT#BNFM:#G@Y=K] "%0VF2V^PUZOV MJ M&N0+HR$<
FY1HZPGJ3BIN@L,SVH2/J1C,"5V7HAN"(I)JS(FH'KX:Y.M 88&71XW"F-D4F#);*PM14E2^HC.*WV!P%>2E%,CE<'E(KT 66)F0_IA/
MTI C*U!Q,VJBS6=);.L/-6+Q?ZSODT11XUAIJUZI ^IDFT% )(D4<=5;J M57JF?WQ
3)DOFJC=2 F6TQC=1/TBWB6BK2T#1:LTUV8QC0!EQMLM@%C^Q MW#02 4)3XRL8S%YK49Q#D(Q9%E.C5< MNC.="V%RNQVM+ 611IO((\S@#KN
(NNB&U*[$DWSDBB1%+(F1L3W=GK10:Z1 MCPD?Q/) QDZCR@(+R+T;A)Q"KTAU8CSV;GS>O7FA!76E1*CX) KFW5W9CB<
MB3.XK4=OLPKE"/9C/4U56UCU"U!N!GJTS]+F.$*M6I=+@-Y?IJJ?D?ER G MV;H 1K!A!HDKDO$=: +,F;,>H5*D,-0)ZL<3K-=(5R6M!)(3IJ&3/*329>
M:Q)2,ZUM.)JCRNB(CMS);>E96!MFB7>D/6QA9VE)J8A3X46X^+TNI1SM ML.2[ZJL^4Y*F7GSV/733]Y#Y.#6R/+/M6/+@&3K'9J?6F
=)4X)0,CQ*!12A;="HY" M]@^M5&G=)D*^#K+1:N5YK;PGK!%6QX ^5GJTJ2H;NL^KJQZ? SQE>MR/MO(27G3R,Q*#(03 M!2+/XW3Z\069\;
[.JAV@UJ)W9 E)IT<[ U" N,/##>@K M5%T4] I"#!'=25)MZ'0S@OX;NG$9!@2^40%0P44GU0NNAV@^J/#=-X5AQ MP#6S#H!^XU0T-/V"-1-
QNJQF5?>5V2 B!9UF^@LW;,<&GA-/V%P!S!M(GE) M&*58YK?RBZA^5(A?TSRI(HHF>BN7 64Q16<W%,C4BKEG6Z/%9$7@X*0NI(P
M8F2^@HF29$=UADLM,3)-BT;K@(#GY:N7AQXZ<F^3FYA7?DW,1SR&UN K
M^PK<'T9MH>DXJKP;BHG341SXWR82'DL6KQ2",A85R]+)+BK(Q6*8K);"XC M49VF'ZVGG.N1 (CD76W)3E$ JZQ=$J_=(62$K,(ODT J)O'91UY=V8HV);A*
PRA6X>A34%7X(!=8A?GATX=88*3U6AX&ZJUT41-ZXFA;$O3 \09 ^2>.48 >^T33P&W3NEW
J)/81>=&-1NJC4T1&3RVYMWKDR(,=;/N,M!!;>9Q4N)S[P-K MLA'L98+JHHVURX! DJIAE=G1-F-Q9$%90 &WWB$TC8D /+;'SD ^18I/O$KN'H=.\ M-
^T"7 729R>J/A M9O37\04JY6SF8/'$TJDQ47 ^DPJGYQ>3T]+,4^V>7(ZHXN/J0.ITZ>SB)0" M5G[E;7F-$K+J2G8J5Y59][1=B-GGFJO
*01L,L%9#U8B4Q"E+J07LAE)":.X MT)3<4%2R +8X.1!,!J212SKJ#W<9CV@VV[+>&<,@%5.U%MP@J2GYE,2U;7ZP
M5G72+&-8NC(VQ$)Q"HJ%10I.*' #W@-1SF0S?#H%:W$#D 13H*U&P,GL8+&#;][W<3R@OX.C"-MOAW*MF'DF1RZ?5= M#F8Q#&+LPRMXY37^57+C
*7/H1^2(V)OZ4L)KLOB;>K87,^'ZXL5*;>IH5 M7IE=5YM*GL157P1O8<^,^&O,F)XAECC(HA E&1WZ1M@(;1,1,ZT3$44K M&*5&8
9V;,>73V1(LF:Y5H /@)S9=XI^R(,? HKP+ X[(%F^FGKXF'=4;B MJZ?CZ?;$A!WAF],3)WJL,+[,<->24Y^B.3T1TB>3X^/8Y+GT[,S/9)_(\#Z
M(8+OX;$CDG'11!O'OA9S;/HDFY?K;^60J409 JEZX<Y?9:Q$;2)2X\0U MUK;M&X&V/=1!MD%QVHY>Y2[8VZD@N6D;?MG',IO;74OCTBY4
M!KI(K8'JX^I(-0L ^IVMDP)1HI#9L Y$SX9A9)4 M<^N^6M*W*8JJ ?!;Rj9;^N93^4Z6BUHTJQXR'GVR\APNF4,Y(8IVF.F? MI6F=!="9[@JAD"!;
^%66;$QJNQDBI[WOT#5,0D7^2H^PU2%OMMI<8 EW+0 MW4Y!4E$6FL#^ @^=,^M,2YVOLC5==(>9,4)6!>4UEUP,6[=;#N1JQKLH Z
M;S73P=YCYIBC:5.ZB7>9X-KX'%LCYU9KBL^4XD6;+XQF7V2AJA?>_0HGDH M+)6G+@;3[2GM#M.%9%3/LO!&^"G>QJ.(;/*GCQ#Z#F/(GW6)
M5KRJN5AQJZQ@>SD>=..3;*87JXPX _G?^TNL/^3X/R>1=(MO M.B-VV/6G&DLMIJY-LY3^,IJ!:=!F8HD&Y6B8W9,%IZ:RHM!;QM'62%RW#G
M.;G>>CBJE&H V->[4P5ESK$YJBG0L^>N^1N1B$Y<G<] UFPV^S M.A.F;BC'NIP@FP)7O>(ZE2B,FP8[O;Q24R7J[I E7RG0!6%.;N[Q$]Q/O.
MX#+"O%R.F++>09=1,4U5N/,Z4VJWGT 7YI-G6$9" %8M/86O/*11.19J M^Y!W M2U0J?T.@ ^B9E"1"!O?+=M(!<3AU@6RRRCRD)RJ6ELW00T74R;H,HV
M,(<<6L=O@Y^788E]CPI6O Z,JM M>^H/S+>ZOG&(^+4ZM)C:0DI>+^*T%?>6$2L) B-&B..2S09$1A&TUJUI9 M\_PH-J;G\_DG>?
6;1U&J2@&I@4EG1EKOJ9D@D8MSR2$M8<;<][G?*(A.#"FXIUWF2KSS^UCO0NO G M+RL)="@COWJ
JR4V=6(T:2V@QNI0P=RX,XD.$L^B"R%F;CE>A4U5=(^&.) M#): .8U7+J1,TJ,TS6?^Y,8XOJXMD60+$ M[I^>1 Q&QJL(MG7%T>#*D,$
0GG+1,0/>0:MTXMA Q-LY>C8>Z%>+<8R&U MD@#*=LQ07H3" RT+W!J1L12E 4-7+* U7SXC9V'FZ-1QUP=N+WSM57/SC*< M39PD0LZ-
>.64NSA8*A K&U+G=<=FCF7DR7[A;JD93^@>V$DFBZ?W/A3B!T&G@W-6]&^>,V?L'2ZVWV& MR[J5=S?;1'-5, 6HJR:3P@:P=1549%+11" R;)MIVC4;Y
T<>=J+99,A MC1Z1NEP79A40D),29V -M1K.-IB.L)55T%=$J,IAE&JW.P.627$S@)SO=X;J M8-4K^BS.4A>[>][>@/KJ]DJ@XR%4-)
([68FGMZVQQQ#$J.UXVXU?FD%W\S91 M-1*3?>2N^3SD00B3?R%9 =&,1P:.;KHJJC^2T[8&NXU \5VJJR.8D^<]=
MHK.#'AK&N1[N%*TY1X=0IIBMA VOO(HO@A@TDX[UM3]/?.8^25PRL%YTXP8A,2 R&BD\U"U0A8W(Z>[I9AX6S1R
M4@/J0C/GZ0)V@(>I$5U9")I8F[^I^T-K8'+6F/CCT3^XMT$<< IITF$*Y% MN\AAJZ?1K^8EIA=^&C2FCCG)!7+Y P")&[ .38Q U,U]*=KW3:9T:Y MW5-
610X) (F9WBX=QC7'G@D'279 MFW37^'=Y.;/JR.EN>6HIU?);XN'P4R'2.F<-16DLVW4N? Z=;V%+[\&O, M UBSI;5=8ZQGIK@=SC#QX3;Y-
ZY%U%8? 5YFC]*W&E(DJV-PYVY 8:6/(<= M.^66W/5'LDR"#CG\DI0GZ>I1ZMGM.NY)S<+>.]@HV(DNSRBF9/ M(?,'J:3Q MZ#.1?PF>PUUX#CXI.?
PDMUJ9W\#D> >.Z>5712KRW AH#W#.[JZTAD0-V:&J3 M1:7XL X)=.2>.;C9%,O^,4G4 3V0-2JAZ//.6VDZGA(8-D'K[KH#$-??P MG-F1>1:1ALEQGY=0)
<3J _,$$YZI:G:377MOS!OK)LM#EJ# M#@HY8Q;/Y7W8"IRC">!!;6GL5&Q^L#2HI V2P@+2XD)8'KSN99)NBAZB*B MT>KR8G AVQUG(<^
R]8IN$K@P9IOS.V+Z0^VJ@;Q14Z5O>AP+99);RDD M1^0!@R$G Q?LSS%38=12QWAX^#<; +.RU:SC(2S)5A6!(&8!<= 0)T^18 M7MJQ-0U&.
F!$HVA&^:IZ>P;#9G2TQNWHY1INN*(XB;G$UI=K8-WT[A^5= M2,MA* ZI=J]R)5LT=98+28U[5Y% AT0%9M4!IPL @!&? [#O8 "O34.^W60
MHJP@.#=JQCUCQ DB?>G),XN;W84671^7+=]KY HXL<4Z7X"TWIV@ZS)VLY^PDK^&C&YAEEG0OH5V-8]^C0X^'(QB?0?T MCS=RC(3!R JLW/I
;PBN $T&CPKRWJ@<#=?;IS?MF%ZVKA&^YO+;H\WKK M1@J9M:71Q ^J5V+=+@KW&@20W$2T1BZ6AH^N *+AWZ'E35%YT=^.]I#FA7$>
M<,DG@,ER1,?)?@1Y8VR3*T]!G5%% $EM>&-M.J.O,M$=:L//^ @ Z^DC?R4<$MN&)>%O)Y[Y#H DUH $6\ MRBOK2![.9K);#9+J9?
KE] X;^#O94/7/!-5RVKTDWUJWP3UNJ-JE'#2W5/4>]/C^L MIB/[.1-]/W9&+(KNL5-7GF6VY)/YO'?/9VV19!K5A/V^1O! 23? MQ W$BVLG:PNJHZ
Y^Z(R>3>Y<2[ Y$Y)UXFG J!-ZA?>==<@DRP%<4Q$4)CA@O^ ^/;Z+S^EIID,RQ MR91A;Z%0M:4&;XO^ 4VNPW=(7 0E=L/D^"1MQE(*?)(OMND!:+>
3?1Q:K M0?R:B3J!Q8NB(E);[K?1WG4IP^V-/>74L#*
```

[illegible]

[/26(E.)#AP9T?BLM?O\$0T,\$7>3,U2;?6V9U 35-354(C),XGL*F\ MPJN&F;?IX=1G^JYB4MTMSM2&SX:SYYM&TR=I7&^).0EA^X\JWLFHA.9D\8Z6G MJ_V6B@+FS#BK(="SWEHNO)D7?7=RBX MP\U\{E08\}+8INH;5:R'G@Z08C "E7;194>@<CR 2%F,45\F@JXC5T6W, M '3'M V/QZ1;:Z+V'W8\, ^O?? #A; 'H C7H+KQ\{O}."VH6\;DLW;H\$@ (M%)/TF7<,5 AH?IEO6T\$J3QT6\1)B\{MHBD/IW%R7=TW=*^&^N\!+J\$0,"RX;*1DP[U-'=T^ \ C6. &D+, \$55T(JW7#"K2O%G=V ?O:9&A&J* S^9&51OM\ ^M# M@-2V< *\$1IK<#;TMLS'N'KS,%-L,JN#F'Z\;+B QAO3=WMHQ(F.N +\$.1.5J3' M;O9L,2I@4P5>?3WHZT\% M^-AO4 LO69XBR?L>OFYAV^%X\J\{HN\J\3\%GX7&K@^2)O+KP!AE;>02\!V-M-@.J9 R\[*EM"N20\OL7^@*? 4F^+5>Q%6T\?^K^9<J\,2P&A/N2?F=VVB9OI08F9M.5QDX\?F6\$?;+AJO^FPNXG\@+B)O@ -L:&K^3B\$XT \.1A^~^;8W2Z, 8P83&44&# M6M0AT \$B96\H^1J\9KGZV13;B\2B#K1MF?../XA4(3JN /SS627SG7"*07 MW-E5RA\>:H@?FHD/=7 ?T<:JW:*VZ4S"8JLY*;R^R/GW1W'G88\J\GU5FY MW/5AX*#W&8=J\1^"KK.#^C\K H=\$^ \[V%G C/09KC F(9MJ\U\#H=5:8.IH^ .QP M\$X*M3O^%UPQ^%YK5S=GKIW2RUW;>EIP\>*BDLJ=AZ5QJ\!S:O.05LP- =Z,9)H?BU =M4%3;./R\U^1C, MPLW\CSB6CA:~Y.;+?DM=[7UP9GPQZE\$!575F%ABJ.P\|D:#8B>2 PA^!K MNS4&LF2N3JU-OA6G84R\$N.2Y(P2&OQ4 YU(2\$+XU6&& 9&DN#W>H' QMJ, M M*TW 20L\$7K)'N1J\O>6/F\|R+;V PKJ5S>(0L8Z777R*2 MJOVSA\I6P3J3M0323B\UO-N#;/O/S+ 'B= %K,"2-.#3PIGIM\<4\>76&=P5 MJ.>F%\PHH986KKF\IVY(9?C)TB\$N\|P[S#F+48Z1L8^ \!#*U=:N% %W+Y\K%Y%/M3RK^D)E\|P\^;J0 LCBN\^Y\!^!EO9&9Q\O^L^Y\|PY\|G<.H,J,=UNXT6XX MJ\,C6\, ^C3B\|.J\J77V A^N\(&B/ /M;BYV,7P? X^J\WNPM(#N'3ATF;),2P&A/N2?F=VVB9OI08F9M.5QDX\?F6\$?;+AJO^FPNXG\@+B)O@ -L:&K^3B\$XT \.1A^~^;8W2Z, 8P83&44&# MJF"F&.#)PO93%/W5^0B>%^L&\<8C:~L.*6^~;1CDC?WUEN\$#FC/QN7Y(\)=B8)HH+~N.+ 5 M\$Y+~)0>GV^~+~0MN+ F3,6O?;,C1^VZP=P(&2^"ALJH&7QJ TSGN80(O&T, ^' MC1NA,02?7WATRR\|E%?*\$RYBUZKJ1T&1S)&WMQF3DTHY\$%Z#QO#((%6(X# MX03Z11OQJ&DH0+|Q+)%DCK&Y%>Z\$)=|V\|G\|86&7\1::)OS@4\|Q%QH#G\|+ M+?2*18Y^OZ*O42D74O0Y1,Q\|^6\|FC+ZC8:7N\HP\;O- 5U1.9.V\JLX3;8 M;%GQ\&PCH\$V%Z\|?#A1<==U^&68\$YL\DH87Q%>22)VQ -246JBW^ 20TTF MG6N#5=F:0D^VF5O,\$F9(Z",.HOUQ\|TF,8\3*#L\|C\)\L@N.#*!EG49)D.,ZB MR6B?QL/EPGSNKJV7 "OL^CH-40GM"FF%G\$;)\$H&F#")QO%H M\|VK09^1B@<G/H"3R"*X\@W\,6-?^OTV;IT MWD^40 H)41\^"P\KR\|IV@ (71E3I,9S)O9\%L&UNP;VZ7\K-MR^FP P^& \{I'7 M=H(5:XMQ4\|8R?>M\J?>#E9HB5^A9#137\3G5\|A95MXU;EL:~873\^"2V%| MXV\TQ\Y>|.N'GJ5/ IE0S(CXB&SS1 ZGGY/N,4OZ_Z\| [+CUVJ\XJ6?HW M\|35T\|)7MPZM\?9^M9^UK\4F\|?/^8&8L,+LE7Z\|J#@8AV#~=V0\<;KV;[>Y M=O@2\],2G\|D 4\$L#!0 (*Z #ED;23VG0 , M \!('9 >&PO=VJR:W-H965T2^"EL21\$(K4D72? ?H>4K74^UP7V(LV0 M\|ZH8:CR5;(9U4B:GAI;JZF3JEU>^Y^*BNQ8>I,M,AI9RUDPS2YLO\4*Y'E M%M347N\|C\|Z\A%7=F\$|OV(\&<3L=%UQ?%|\MHT#9.OEUB+|=O)G/W^8U64VBQX MLTG+^"ERB MH^2^*\GB6O&N2J\$APDKJ?./#B_C\$R\#? A6X58~+V;J60GQ;);S;M2.KX1A#6F&G#P.CU\$Z^PK@T1R?AGQ^GT^OWPT-ZS?|^"U4RTKIO\^*U-^K7)=3 M)W4@QS7;U\1;# BK\|8\&6B5O8)VRXV&CJ0,906S0Y,"IJ*=V_VLCN' T#J M_P80\[@AU=TELB\JOF6:SB11;D^::V(QA2\5H\$E=Q\U&66M)N13@JNT%12-.6 M5<9J6+<(:3">PQ(+.GFM\|ZF\),4RW:\$EQUA^!O"\$=P)KDL%YYC.A.O:D;A> M8;A7>|F>)/RTX6\|N4^~^QF\|>7FK5PO(R^K7^S\!>T^7**GO=& .,K\$2 M%0(K^HD^Y%YA#Q4%PI&^0\JG9JL8#K.H^X\IG<|FY6&1ZRCB\3\|KN3BN^*@P8D MDO4074I\$VQJ\>H&F.VHT30W4DMBW\ TA8VAK9(H:AIUZGSPXOW3&X;J\J 4 M\|MHV7IK<"T:5+K*=MWZ%X2\&X>|&P=#XPS=((K=;)22\$T6N^X=NG)@=6@V3 MR\!V- <\$MURBY;^ZP,W2E,WB1*(B&.&ALUM55M3\LP\$[/>7W\$*@<D^H2="/&+<25H#"- M2;P(V\LT\|8;,7QH/Q\YLAY9_O\|3AFZ#;M.V+XU\|ON?Q<|> \[W"N\$;TM\$;T\2\|GL*J\VD4^AMP-9ER4,"E9LAK?HWE?7AG9QR\|) MBX<+C\J M>B*2\6W)&;57>N#Z>L7^)\L1.L4R9Q8F6^P5WQ2@ZB\|CSFK\|O3\|+2\|CV?~\ MF98V, *_\|4T^\$62U=;I<@DE\!^53S98ME^M8 \!D+@^0\2\|NYJ^*\|UOY-AX: M\0?CO8G+T^H 4WB4\)_ RJTS="H(Y;G^M,EPAU;H\|W&CAB\|)?&1H@|Q\|*W.PB7U\ M?CFYNCB#N^~9\|?;=N,OKRZ.X\|SM;VFO=P3K;+.#,&@,+P 6ULD40^I,U MIXOQ\|Q^\$*!J+|A1XZ&R=V=3P\|?US(\&J7^&5,PEHG#N M(#OF.88F\|>90%54F1L^LFF VJBRX\|QIQT^NG^5\,+6""V8\$VEU@ "O5\|9\| M\|A:6%>B^P 9A R3;,%-(Q%\$S8Z%K6^"HW00 MWM/Y5AO6219.^(?JOEKM. M\$Y;/W;-8L8^R*6CT\|OU4CMB6\|R9A4^W\<V2 ?\|1%-0 3.+^2S;+1 M..1\|W62; AY*K1'R\$7C\|E,%*" .W<4,-SNLK(Y..0\|Q.HRY YJ^?E#>2\|I M_RJST\|I\QV/^+.,73 S\$XIBPYR@2?^57@2F>1J;C=-5&=3\|6BXAV5\|KRD;T#G MN=9NM^37M. S^~M^P2D,\$% @ KH.66.1>= !EOD ID^X;,"JW M;W\K&ULG59M;JLV\$|N7W%PBV\#^+ (CA.DM@^| M<;L,L1\|L1@9LV =..DE<|5(EJ37M^K)=Y>VJ0?LBRV\|Q^>>> ^Z%&FRT^!Q3 M1;..LLJXZ5\|RT69;1>VJ0M4M\K-DPM^KR9IV<#^B\RA&L%L\|7: EONI MZJ\!7WLTHX\$N7285\|AJP99X+LYU@IC?#>j> ^7WB22>IXH34:~%"+);I/Q;.A MM\|8\|9(Y*BNU H\|QL#|NW\$QZ;~!~!XL2?P\|&LM?[,+W?1L-YF0IAAZ\!A\ MT~IS3C^+&(AH?EAU@IN^>#^!Q\|@X^=8ED+BU= 2XCEP\|KUW6\|.19EY\|T MYA?^* K/^!%367;(X\|A:9W.=X? I/9>j^A@&K0N,"ZH 3>2DXJ0LG,%>2>?<~KS7#12V5D0^H^I5DZ\| M\%4HT0Y:CERP82OA7N=[.A-8,@^@=OKH-.YSV<J0D? 2V&^|JBCGF9YDNAOF#ZQBX\$HEO\|P=JK\$^Y7 MMUO^&6B5\|Q^J\|D8Q^*RV^X\|>16IH\|JW\|;U1:&P\|Q 6+<(.ED6J;\$PO. "M6(ORH\|7^M>#&J00+ (ZG@("HI75%2)T^?EV^MF<\$U-GF4\|KWYZFD Z\|6:~L\U_Y M&2+R0,1(1^ " &4D<0&YU_K1#>S NUH.\|KIHPMHSOK?=.Y.YQ1#S-26DV_&K MW8:'IM^6M^>VS\|JR,JW\K&I-NZ^"S\|4^*5,+OM, %S\|;+R<+9OP M1.,\|4N\|LH\|Q64PU\F2 Q\|ODB 9P37PP6W58TN\;+1SUX%!\|;A\|7\|C\|T\ MOVU8VFSK<~!&I.W\K) &8\|Q 8YE#6Z#:"*4-B4;(A:;,"<6.X)E\$*#; MR\|>RC^K\|TK1,6CF%TM^Y\|E^+X<;VITQ\|7K6Q3&E;5=[IYV^"6R/H2WD^W MU^CUV\|65=M1#WY#8\|I)K9\|>59;T\$ L 7LPM \Z:ZUHV0^J^K;^?7\|0 IPX ID !X;,"JW\|W\K&ULK5?;MLX\$WW5P<.;)\$JFQ\|OBI.8L^Y%\$W1ID;B;G>[MV =:&EO<2J27\|XOWZ^E.4XA\|V:~%JLDN+G#ES(7FRE,J;3A\$-W.^9T^? MU\|C#H-72<8HYT\|Y.+6QF\|X M\|@N3<8%C\|K\&KO0&IXLV\|QOT7Q>C\|7- 6ALM^<J\|M:"X%*R=-D?^IX^QC\|JL-OW:"C";5<"D23\|J+MPC7\|EQ8@3L+GU7XOA ^1G^T/PG;8 M>49?M^SVP32\|/8#+>ZX-%/ "M.Y?<% (MZH0^9H6*>P#Z\|7\|OU32P\|5\|JX59QD~J\|P&T&WA;\$Q^%V;HN4D #UYB MK&IG^Q3VQ&5NV>2<1+;KBBE5;5WB5B?WH MV5SM9 .6,9\$3+>%RA.\|IS&R M\|@TJ,70E=H\$QYE,"\$05>XZ),*~.BFSJ&1>0G4 >Q\|ZW4\| ??>O<;QK" M41-XAL='M M\|S;C7M2#49;10;#FEGA:.LD^YCY:~?AM\$W-5LTVT78U@BOJA\$|KCOF'B 1>\$ MD\|AX,U.(3B9E^0@),WY\|NAC\|G0K7+^5\|4S\;\$*6\|(Z\|)9@H7345+J\|&U L M+>~)E<&9TE^M2^@("IRV\|BF K6UVWZ\|JKF&+*LMDQO?:"^4\|F\|J3\|7+M^ MDA(^R7SGZ_%8TJ\|JH)O^,)N\|X\|X2LM?>W2X4\|9\|@& \[%8;=N\|OY@Y^+T) M\&Y\|I\|X\|8?3KG;>^C,F9CGT\|JFN>;WD)=74K\|7TAH&7^C\|.V\|E\|^F3\|H M40^U^PW8^*\^*L^N^W6D^T&^O^? %\|1?N;M585MAI5B/#^~63KTNF&G M3@^A^V\$UG:.NU^X^4^'=>6T\|J^4< = \$T\|2\|9^A\|1VQ6-Z^P4?GX>-A>N/\$^ M,C7G=JG. <5:B;~;2\|8\|JGT7EQ;B>X\|L^&C\|NF\|)\93?0\|YF4\|I\|8 YNW MZ\|? 4\$L#!0 (*Z #ED^%J\|D9@ (#<% 9>+PO=VJR:W-H965T M4>5(DPC\|+SL&)\Y: <5R>~5\|Q(TKB;!= Y M&E\|G #S\|L34\;W^5\|JF\|.~+@<DB\|P%9M8Q\|K6>(\|N,^*2\|^A#^HM^7\|W M067 YXNG6E\|F\|J\|SRWY22X""%#6N\$O5? M9\|S4<^X,B6,'Z'MP +J(W\|/\$&\$^O=W49>Y4=F63+6J@7MLHG+7R\|DWB MN^27LK2:HIQP-EDVJ<~?7\|6%~9I&PXM\|T;I@F&TH9AU% ;.2R4M^6\|N4\|S5-(L\|MXT\|A2&T0G\$43PZP#?L.QQZON' U@@ \JFQFE\|S\$WWE M=FRC 6RN2RY-S3^71W0.NJUC@ZQ\|O^V7+^7%~^P^S M\|QJ7^4M>?IKC\|^C"> 3\|Q?Q8^% U^H@|DE\|N,H=2,D,X\|J\|AEG\|J37\|D+N MI&RI55.4\|VR\|D\;..9@%9ZVX9#+C3("Q"%A\>HL:@:T9\|RP5E^P@1>#&- B)? M0^OR^K^0IDU\|> Q\|1Q&@R\|WWG,%>K^MZR\|3^72=N^Z\| : PK\|KAC IW9>R8+K@ MTH# %4C^T_ =G>BN330#J\|M\|J\|JHL-9I? EO2SH78)%\|9;>VZ# *Y\|74\$L# M\|!0 (*Z #ED5M(WI?@ (+@^' 9>+PO=VJR:W-H965T.] 9N0NW7- S)\$#\$^A^)\|X\|M^ESHM^ZEB(>~V^G,%2\|F7\|14\|RCX M=NIXSLYQE\|S\|91PX^BNZAFM0\|J52- MW^BE> I,Y9TC .N\|<>Y-%8\|6\|N' MK=Q; (Y\|>+=WQKA\|IXYK#<0%),HH4\|W9\|R^P@C\|8 QI-9NTN\|NKW?J\|VWN M.I=;F^B\|J\|YJ^K\|,W90^BM:~%#^J\|F\|OZ^6\|D\|87;1MLX#HHJ:7B94O6 M\|RASUGS\|5N\|8+6Z2^X<+<3 B>(9^60%K;6@)\P4L^C#N^N^31TWN=O^Q531 M\|B\|X\|1:S6SL-6W;%VOG\|EW=JF- M7- Q9YK91^%8T@:FCN\|Y4\$9L0\$G^O#&|E?^BK\|JEF+Q6XHMWDCLX\$Z\|DZ^8^K1 M3ST5+EC^2T G\|B4O7^Z1F\|D)>6Z(-_LE?HKS^R=F9\|1.^N\|@I M\|M\|O\|L\|CA\|C^4QP9\|Z\|7\|,SWFM\|8BUG0\$Q\|QJFJG>G;<.,^>VNS\|RS\|S M9.OQQWHL- 5\|DGW\|SPTRZ\|6=.H@6\|.10J-.6=4C1SHC\$4KVP0.5^MU6\|S\|H M\|6\$>G %N=H\|D WK^ 4\$L#!0 (*Z #ED0PNQ 1 ((H& 9 M>+PO=VJR:W-H965T(%5@&89-H2L+GMX0X8LR^C M\|MC>OV6-O^0T^?1_ =;6;6G98P9U@ORC19>)\|!|^#.=;17A&W3U3^TO\$TRY M^S\|JTL=%^#V6- T\|+JDHU\|17E\|QR =.9PD&,\|YA+!+^")UWNY&S.(PU3F,\|#DC: M\$S U>JRS9RE-N7\|BE>4F-GD\|7YG@2\|D\|O;.&\|0\$LL\|2 ^+M6L:~#C; M\$SS\|J\|6%V@I>A\|OUP\|?>^AP\$WC=|A^+@!H5\|.IG@17VY MD>-%WCGRKQ\|NU>TYH3M^6DP.U=U^YV;AL&^!SLIK^C4VVT^+6 QJR\|SL,S#%3," V\|<6F\|YSO^M\|> M\|3<;24MNUO-KCJ\|Y^F^(\|7W;9\|G->\|?YUOCCG 2^"F3ANJ\| M^6BX;EM^O\|JHWV\|F7 Z&MUWZ &AL\|7U;<J\|O8L>X\|? @7^F>RR M\|JR\|."S9LF=<)5\|JFXK^W^B=I5U\|CD036M5=?O^X\|UXVU5^VFVQK3QUUU1-C\|JV+;M_OGCQ\|UZ:W9\|,ZOV M\|J1^I6E\|J2UOZ6%\|_O:U23- ^5<|7L\|GYX\|DW:5X^>^/DC?>A>OYEC;5%7IH/ M=QTNNU\|W\|TR177\|TX\|% O^%Q QZV^*+&Q\|R W^?7Y\|L\|TG DY7N G\|Z;VR,X\|.945E\|U\|1>93\|JF& ^IC^K^%DND M\|>~>6V^ BW1\|Z\|C3OEP?>+&%\& ;^L\|>9K^FW.ZZKX+<.:4\|VGCY\|(- M^>WZ+J6-W^Q>B\$SM#>NBH; F\|)^*>4X KKFFKG;Y,GW=Y? ^F7W4A@A>>S8^ \ ML-07ECQNZ8A^~29MTY< UM5M7-.I@U _%3Y;I<7F\|7KMJ\;?LWIO?;EY7I= M=66;E\|?QAZK(U\|EIDGAU\|Q NXH?VRT<_FZ\|. [ST>^U-OY^FET>;/H ?5V6\|>~?W96;R.ON\|9ANK\$|UE?+R0; LRMG\>D\|B92SY9.)\|D\|=W\$^YO=,C\|5T) M) <5\|K\|K\|MDZ 3LHU^EB3^Y>+K\|J\|V\|A\|OV#I-(T^N\|&Y>M\|L\|7Y20\$= MG;4~4~;IR_XT^~\|_F\|B\$D<)\|Y)M\|R\|5=KD#;P 6V7;0IB^QOD[V@F_K0U M=& \|U662^EG=8D^Y.NRQO31\|O\|J^AU>^B7.U\|3EL4\|^/SY;+^8O\|LZM9.OEYO?^O^CQ^*~N16\|(\|)JEW=M-CCMN(FZPY=IF5&#.Z^* @A\|K\|0W- 79MW5>9OK8V^_KK=I>6WBU\|5NES?@ M3;J33QSF\|W@VN?H? /R\|N=N:8\|LY>JNC#?TOCV_1Y&_ W\|JW@S..J\|. M\$5^ZZ+>#^W>;KK6OK+Q7- \|^H\|R=\$ M\|JGG3&E\|B\|KS^'\AX^O@M\|J\|C\|JEN4UB\|1;""9\$ ^FV\|^>(\|S08CF<6711\$3DRF; M=V^B\|97;8EI@|\|C& \|^P\|&X\|^B;W\|AX94P9FR\|G@<\$KU>U\|^J\|.ID DX+T^B\|Sf^9O5:CL&(\|W0\$K2A:Q\|)70X."\$B-5+T\|ZU5F^W\|NTK;R\|M,43:IL= 4\| \|^F#AM\$FTUX:T^?+9N\|M\|J\|R\|S\|@A#^TXST^&F&B\|M8Z#GDS5O<~\|D\|K9\|Q\|URQC7^+X6^P\|ZQ\|6\|4M\|Q\|J5+>^A\|Z&"2S";=9)" MX)- %1\|:6\|7ROMM\|;M\|O1\|^N;^Q^&V\|^FO\|^=&0,1\|Z\|FGON26V5\|GXG\|GA^>K&^ \ BTPX_.1L^*Q M1<^8:G-CRDY^8\|Z22=& .9\|D5\|J\|EYCT2\|Y463,+W L^P^PNKVP6K^1>H:~^*MONS^~0FSM8MT59^VTD9X@MZ1TQ>L<8V\$F&(\|K-N.YF^9(4FT FM&RUU;J6E6 M\|>J\|Q\|04E\|BDY^6L^K^X^F^Y^>B^*K M\|<T\|^G3\|J\|Q^N6:1^"7<J^K^G4 M\$? -VYCVK8%4L\|TQ^I6&E\|-. (N\|J39K7\|4U:=+Q7MVE=8U1V.^126B>SZ0KZ M9F-PGL\$[38T\|?@>Y^TAHMQC\|J9,>V76-2GT,@<5<|U\|U:7U\|PIU%0\|D4@2;Z>\$ ME\|VQVL\|JB@>2\|44\$Z\|J\|E2\|GR^O7L675Z_C9T^62^?PK\|^>#P\|S<\$22^R\|J20 M3^W&WZ-21?JVF36RX\$J-R\|A^M^KC\|X.E.Y.U5\|? 1%\$ 4E^~2\|U>;155=W>2-57E=H..>+>8>1=0VQ\|N^F+NV^" KD\|,1 M7&8\|6\|5^?2D\|X\|^>KKN\|SXG\|L^RQC(EH?^&K^4= M-)#>=W3DBC\|M\|,D42^*1\|QEON\|@T\|8VGS.2B\|KXT92D\|J\|R^R^OG 5.X\$ M&QL3P5\|W;WPK\|;8\|J?>6>J\|M7\|5MD;HL&T#BRR-S\|J4^9? :!789 URQ \|^M@^J\|^U8IH:E\|RW;CM\$J\|^L18V^VWZ\|T2DP@_ U TA6UD\|F\|5L\|JR\|^3Q=) M\|,%O^E\|^Y\|@:(T 3V?+|Z=+^F=^<7\$1_OSA\|^B1:Q90:NR3=H.=\|LXFP> MG\| \|^3CE T8\|^H; C=DP=I^Y\|HY\|C;OYV^0?EV@R^T0^RMBB&E7\|^JE=O1 M5\|^0@H^~5S,1N\|JNR9>V9%>62MK\|^V3\|^D1Y^>^BZBAQLH6Z5T5=K^QBF?D M9T3\|FHA\|^FT@+^/SF37^I\|^>E M+R;YZNNVT?)\|^1XK^0N0- AC+^JR\|^7\|^Z6C\|,8C\|L\|G@^4U+V82DL\|D4.347J;FKQS^O2H3F15XQ+SZQQ5EE\|^|>^\$>;TC:5%TH 4+JZBL3D;=JN^Y #V\|^VICW3&R7RC\|^Y5W4\$N\|^@4R^ \|^7G6R.- M1AB^X\|4X^,RK3\|LN\|^NS&641133Q1ER|=ZS^V7F:G064=6.3>BZ\|^X\|C:Q#;B\|HL^OA%9?^*~<~IMW&V:F3?^*U^#P6\|J\|)KK\|^IV+S M\|X.^\$TJ-

#<+U/|>C'H?WG80W8]>@1[N.1%BP^3UC'/MIO9" 9/X=R=M>CB4KCQ<#>YIOFU!=MM9:5#<=:7\$NV29B<<7\$^3.~. W|T'F/AMAGZK/3/ MZK8, W1OW*=:CSK\$DZL<&^FS8\$A9-S,Z1>(UW;8**I)O@4,F1--IH5(^/)<). M8F8G7A@ED9, M/HFYS5, E ? X;VB9LDZM9"OOR5*~;W)OJ^C\$1CD|>J7CS| M2+SV:=WTH40COT88 ZD2=PX{:"48"/SY1 YPL+&4)6X40NKZD%#CD&;L2U ME? 7#14N"%8MDQ;YU-7IC=(ZDWWGR|1|Q|>?JCS|^58&4=MT2|D9,7T? 3=N< {#GT@|94D,*B%<<3PY|9SS|^BA|"(SF553#8@2|G';SN;XY? XYQ>:J38OH:NQ8Q# \$9|G9 \$FR>'8:G|# @L 1;T*8 MC:=,>F!|AV3Y:-%?^?770:"Y [(3Y/S|)29Z."XG1>.E|:/ MCCQY\$RY|([N&WUCW|6MS#O|*~&- BHS ^>ZBRV|Q3|O|B1|S0:"..XJ*P3?T M MKN^&^I|IF%<>3+Z|^QW^M9D12B .3Q.ES33@Y^X5R7L7.818//U7?|V7+L|? M):% Y|Y|TDB|E\$#PGE|RO@ T|)"#(L48GTF^?E!VU+5U>PUL,G<)%UO M!|,KFLI-D72Q|KXF^X,7J^T.N)?\$=L98>|+5CEW ^&H0F@|P0@0U8+*R9J M86| Q^N^|>0?7** PI Y2LV|V VF|@)EJBR|^%@ KU33I&VY^G^J';4L&|UH8 MEB^U|F^%J. J.(N\$7JEMV%OT;18A8X0^..K#6L= BA^8K#116>+L&- DN7=>5 M>W:3PR3B")9'F/HMF2L M^@7#9. ^5^,DR R8?2(2|([K5CH|J4G=W*%A|,X19?O?%1IE)|)|MQ^~; MKE;7&%SZ;B- DR4COZFIKH|Y5AAQ|MD|F\$E%L^@U#VH3U^DM^#HB1\$25:|C\$ MQM:=T+6/|XRZL|X?|J|.M%NXGXJ^"89NO08|H7^KZB|G>7E'". "ZEL%\$S5#50 MMO3|=55E1^0|A |FVW|V|J3=1R T|SOL^9R(6T#9*4,|4<^H4V(B@^". MU-D?P:~1ZHMIC%FE|F-96575M;|3BE?|7SH;Y2YEB#M|1=? YC/2%O8D06N!=?1 M-L+ |VW|JXA@ (R)*BKO)W?S0M,5|L#%; % Z N' B>#<:&!=IS 28/RA'X=. M^H'H = 88CDF^_7W4|/88;|)9D,5H&";743\$9:T:6L->&L!."&(6S2 |&=P|6,4) M|D>YQ.SA7+ + ^|FVV: CUT#R/7G5YD3&J;#F|TQ:-|%(TE|JH)5UEO^<|<%|6 MQ. |C|T7|3AS1|HE^_A82|JY+DK= 9T |T|TY| 9CM^#8X,T6|9J X> P89:1 MT\$-59(^F:LS5)6N@G*.TSBD\$7V>#@7 ODV6,M(5',83,EK)T.B?|CV9^5' MXA(RR.PMUO :X73,6|REF",..)"U2 SMY| (#0(T42V;7,0T#18|8'!)1 M^* V|H|OP:T-LEN85D8^2M) P+MR730=Y"WELICF 1V/|WL1AGTC|?? E1)=T;@XN?C|-BMLB^J9O(3MB5N)| M:=; 6)K=64=P7K/H81P0 +BCX(%U,Y0+8 V.OY+K#3&| [, (H|2@F"LETFP M!\$3.A486^:S.XJEV;>2H%HJ"G '51!8X-&3+COJFL2. (<BP= RL.MML|D). MAQ@=|F|FJ R^*#AEQ|55GZ1<|<%P# M?#M?#6.&H&*P, (PBNP^LSW5>DP1K6@FS@RS6T,J94|DAL;U@7|E|TJZQK\$2 MX|>L G&|I|BQJ|^T.SV?|?)0%OK^VOJYP TPDx371<^ZR#*D?8N^.,0"P-" MT| F,.\$./0&R\$%N>?,-E(^>^:~(+">WNZ:O1PE/PHH^R1E^V^OF?|*@ Y^Q MLT30)ZV3#-|7=-|*E+&.8:IX8(D8IP=M18=M55W+C8E** %C MA&9&O.&09?\$6DY62 [4#IIVXVA;T|+HN 39.CBZ=-1,8|HUX7#DFI,RBXO MMLT|?|W^1XSK719 *4= |">:|B9S|(^HZ,Y7\$?UT G D|&EIT)4(\$XXJ: M|JTH%I|9^?G3"80,|WCS|LIBB|DFBD^9G|PNG#L>[B:4,4+J8|NR~X#" MDUS-PR86T|@|L". |J|? 9+&QBRX%D816:0F4 -V+J.0|'3@|SY|, +7L0 M|&YB^9Z8| R<:|VK+|Q9|Q87;|@K4^|*S^2|J|K^0<8R1|J'9|J;X|M^*REP@OYX;7R#0S1.SQM.Q. -L+?607A0^1C|=J"N|EB|OC<('6P,>BDD1V^X M/<3H0 O.W8BA+6?QW I/(#J|K47GO^ *P?DD! #XN:~%7\$J.>&&(O 5QNR M-APM,W@EC4|)H#%*RW9GI^F-OMB)QCS1+PQV< MFT^CRRV|>."%\$^&4+&7^"4B=PXCQY^B|,QH^JH&X98%59%,0=|JA=T74J M-10^PV+KQ|9BP. |40&71%KOK4MPT|8|CUBH=7^AW&3ZM\$B""ELBM^P (X- MC?&D ^D^J+NR9OGG^JXW5KBTB);+=J^NAS;AX|D+R5>WP^8A^Y30A2=O M PZJ|M.N^QAU7,4U|^<^<S>X/HUKVDR8"/7,9|YYYS<.;1W8A;5M|PGG(MVD4 ";>A|IH-L|TX;V" 0^K|?)J1^GTD?D3:!.3&C^Q.;C09A|^~^@* M=|#E|A3:|=JN^04 L&.%RDF.99+.,|D^" |. ^7GT.S|R/Q2*|^Z>|5C\$|I@2^ M33/ANH6YR;UI9.1% D K^ISE-89A2T,1|KCH-.B@M2, (MKMUW+>#X&E5DZ9.J- JC,|5L^C.8A46S^F@LQ#| 4H(|#MCTO@0#H@>9V M59~N". !/(|D?XUS+AK8|D,AP"% (F"V|HEH^PK 7 N^4XHL:|J5I<28<C MFGS'6 =NKRZ(H#)*0=V20,"3L.M^N9K72%J6;WN^L|Q,1%7&|!.&|&+W!)JWF^9.6A; "L|JH08B2^@HF2YCES M@DLU!;C.K). _W 7&C|^ 5?/F|T|6^9W,0||ZO|ZXAN: ^<^<6#P 9TP0X MJ0Q4N9M)9JAP;B2<"Y7W28MW">8C|^IUP5\$TZ5|1?2|J1AG(M59. _%|IFF M(|8D;RNM^%PL#F-B|J|+JWQ|^L:M^M^F12QF.@|D7EYU2A:~ (F?| P|9.//?C4 M>WG ,LSW| W&2;WK\$+>TT|F3VT|4XU&=EKO.R^ 2C""^C;7,@@? W^,VL18K\$ULKFBXR^Z|Y@1>=>R)?#D%:\$5!|"H%" MR@OL+;4XO\$XT"|J0V\$517G.K\$^@&?&?<2."Q/+JU7C!C^FA55GB9O M|SBP|P1.|@|U!O-? Q?>1I\$;88X;OQ;2)%=^*A?1. ->D>M(|C\$|Q|^| MVJ7%<SON>" MPS|5JT7>+V86|2|) -G R9FZ". SERYS^E^613Z^ (7L#|G^M^%? HS1K<6R|FB^YF^P<6^P3|/M8)>G Y;|!O<.|@^*K(\$". @6D5^77 M9)E=NR1\$^<1SE^K72Z22KH|F;Y';1\$?5D9BUU2H|KX|Q>K=Q\$*L%7=950 MDU^*? L|^1\$S _/DHO31 BP3,|/GB;8^C#DV7R;6#|3D/7|J".G^WL.; + M8VBTB=^U^ ^_MWY/8M.O9(V)|%|6R2D-ZV^Q#80XB7U.J?FYO37XH|Z.9L| M|^&M2ZQ|I(SB?RX>S|XODR9,+C.L>?D|3@|OJ. QTV\$S|BGT|TRJ+>^<3=2P, M|A<^VU=5D8V;GJ. 2R# \$I|@ [F3D7|JXQW\$@58#^2Y^4R>Q,L [TA6IE MUG2F\$:(/>B6# P!B=>U9 N\$VY1;/:%|6=,8R?;V5C<442|)1/ M41|6PAUK0\$;8C|L^V;\$S.6%+V9|JTP9S !|OWE)\$J^FP+!5^R^M+^#34+N MCN\$FF?L^11P6?U@?+|/4C&+|I>O+>0SYE<(PWV|UEU\$2F6QBW\$;Q;#>V7|C2 M.1;GY5V7|B=\$K9#6MT O4\$U|O(4UJ3V%)17>?|@ LHGVS6G/C8? 1+J>|L+| (M6\$3 |J\$E\$5L\$R^K+5,KM;?;C4.GTG|SQPLG^| Q!6#U.=^*4D +AT^MML?|QB|J M|J@#|?|QU5|2>KU5^4GC|W#//.IN+>#UGP@X?Y!B! |J [2R|: M OSM,1 OZ|A4,5LL0S IOGERKZ|9|?>|WZ9HYV^"WS9D^%N&O)PM^OTA+V=G M9P#< L8^2L<&+&G;I^" (^<^ M^YN)|R|.]^68*<@N^% 1TX9L DX:~9JN\$GRR|2I|(W=|A1=VC&:NP %).\$9J M7H3N +0@A <+HG1E2\$8S\$ M'9QQJ0A#HBAU|IN>\$>;NX:~)? ZD>^F,|J,K6^<F(D2X\$ YBS4R|KFQ1Q MI#OOQZ9@R%?602&UDIC6+.:1EY4^1P@I/P.N, YP6 QX3= ,9RZ^N;T M^*OGT|H/+=(^\$-4+5|U^2 _)- >O>61G|L>^*NH^ |PH2Q L(#4^STL,B \$*\$&+ M^YU H=^*|^I@Q@<S29|F\$H4U\$DUNO+V;6(5|9|^1 S.;3A4). GA|J|^6*,R MZE|? 8L&4,OM+<S<-4C;#1<".M&6N%4ER1^@DP^S0SH\$>QSNQ).F"(%25Q\$&IR M, A0D(6 K|LT|GSE;CR),UW^ @-OQ,09TVRY/N

75CM3@6)M#853U0;H74138E(E)3L7 VG\M#, < M+IGR8[\'VXU\]SXL+CY?TG5= MA3!\'P;8NRG?+.0P[O6&O,QB<[.!?A0+1]0]8U9QG
M3CNBL& \^OG@U0U&[?;AH]*VP+.2Z1+3%*ST BUMTY];.3O=SINF G2]&8U73.=<&A\'X)M4X\ID\$ MH)MQTVRLJGR+7RE+ \,O\'YK0J-T%.E\K9?
<;9Z"=^9/O4\$#L#!0 (*Z M#EGDIVFT6 4 -4, 9>&PO=V]R:W-H965TKDQZ^E@H),<2]J[<@T5 MSF12E=Q@5ZTJ>+JV
IW9360P"SQL.2BZJWNS4CEVKKV:FL32\$JN%9,UV7)U.=< M\'OEPUO-[VX\$;LN3^=CVBJ M7?;9P[(>.:3/R9"GE/75^2]JZA&" A)#!"Q_-O>BH*
D.:W%K/7F:2-N^TM M^@K. JRY\K>+*+2\$U^UAOW6 H9KPM5Q\K^A=.:?F 266C[SI1:(M5Z)/;4V MLFPW(X-25,TO?
VS/X2T;@G9#8\'DWAB5+\'V[X]3?Z9H^*)1P[!J= R,Y455%0 M%&D;AK\J9K9H%?DQOA9B58E),+PR[\'#Q)9%T94:W8M2Q\$D("SXUN^+\$\$"G X,
M&j;M@Z0U,F^!,!8&;(K69E=PZ-F6B &4PJ5[SI,YZF\$\$:U 9ZLY] M\H?>+P>W.:2JXE8#>YJA!T L=N\T!TU9C>M !&K)6!"85TZ^H;\$QM@X85
MK5!+92!E>+I#6ER \$YDB5@YY?&F*BP#^RX0J). ^M: AG31./AL*%R. R9(BP M)J"!(:E: Y.M ^9' Y>M RVGC"H'DL*3.)TKFDX72Z*RN+KOG-.(X(\$*!@+
M2!<@OW0=YUK4\$*F#1#[YFH^97>+(P/2)Q VS4#X:C ^\R63B8(BL M*2T>6=ED#%#&."1STGJXA>0;9(@K\ZL<>+ &74A.R MN).6 &M?6!"4^
M\Z(&=54D4K43&EEDP.3)(8)UALZ\YB5US=XUV..F5 +LD1 MZ!)>9[M\+PPEGDF#;@\'H1.0-./K\$C%KNQ[G^&30\+3=[YPA9]].! ^M/;>?<Z<-
QC[NVW\'FG@!MKONB W=X3ARHV%T2\$S#3ES#XOK4AN!=RT>|9V& MK"Y01YQ\%>D@YGYQ7 "V\$]>4(0S16LF-P/QB\$M.M(\$1A2T\IVX(%\$3 9;6V
M@&[LQ,)=! TLHF2,+E,^SO\$= =9U. 2&DGJJ3.O19\$BDD9!L?>2CM7/D1 M":^?X@?#4J#\'MA +A*Z\K^@;0U0Z3 M^..0&&4C/%7NV/?
<./2!S[!Q= OB MR6N8?CJ78!=?7G996 2?&FFY&3LNR^2FO@!0D]8-&8A/PY4 02NQJ1R\$ MKNN/L-RKYA'==<(QC^RP\$"',FV?
2CZ0,NTK:XDNB0=9 ^0\I6G&QB]*& ;8F<V,Q;3HS"3;6J^BR%0;V0H3JJWLT+>)2NA46EWH=F:V68NF=VB9*
MXCB+6E\$WP73LJ[VU=^QVMJDI]>.:0\I-6Z& 7LE\24*#X\9=0=Y8MQ%QUNQ MEO?2 K:JU;B*!I9EW38\$-OKE. JX#?:(DW)^ @*EDH]=4M?EE.
M(M@E!)M96<<X@M^>@Y\)!&F<^!QA."L?3]R/[9U\UK(01LY5[T>]M)M M4 2PE^NQ.^R=VO\L 7X!"H5&^!+ ^QZ;Q0%4.V-5>W#&+JZZY_B]="\$X?
B@M+82DX)<?<O/M \L/N/PHK16\J];(= &-O?B2 7>?F%S=5.NK49KQ7YV.E=+>3NK MA>1?N]D@ ^QVTH^HOC?7QHJ:P4]*+0W1QJ).?)*H.H;[!]
M4.D;H3*X49W=&/C4+>7RN7^\$.0^Y\)|X.Z:1^4=8*;L3?2L/<#Y?4?77WN^VVJ7\U6B7G8WW'WWK^ZAF M.?)?C? T@=U(/4CM/U\$2#
<1@\'K*\$>HYB@?7]7#3 X#QZ4<'!S@ C*2IS\$I*O^*PSR#2]S+25HP MPK(<(<.:F)5P. M>0\$IYPD9NHV'A)R4C),B1H8XS,O1%V5%|SOP%T 30G/T
M^*V:(LC!+>? S<3&F!MS,0U; Y1FMT[K]#X 5):W)I5E=IUUF!REF:PPW.EJ M3>|S;6:..N0\$&[XJ(5)MJC\J20QG2Y 0\I.Q,K4L+2^+*0 M_8_E-
"649E\$)3XH\B4KPH\$1OW6);/A, <|A!%?<^0E/"I(B;QIFF0(T7.@8?L?;#=\$ER;\$>9H"1TOJQP?S
M22DI.8*+,*>03TJT OA6%WN%5G 67R!. ^OY\NAUW5GH)\$K M=,4YQR'1 377+ZS:JMEH2S][E\W^,].@= ^THI>URX,- C>F 4\$#L!#0 M (*Z
#EEY6>|*0. ^'9 >+&PO=V]R:W-H965T, &1YQ9GY0^INI 2QY:AMI=D%M;3<+0U/6T')S MI3J0>+>5NN46EWH\$KJQ3VX0LBO*PY4(&R[G?
NJ\+N=&K;1DBXTJ3LVY;K MOJ)?, BB/(3QKXW8U=9MA,MYQW?P /93=Z=Q%0XHE6A!&J&ST;!=!^MXMLZ< MO3?X+!@>(7LR)RV2CU>W^+5;.!\$)C!
V4UB#P'!|A\IK& 2&-OXZ8P1#2.;Z< MGJ! JKEC+AMNX\$8U7T1EZT50!*2^+=|WJEX=?H%C/IY@J1KCO^30VTZO U+N
MC57MT1D9M\$+V(W\ZW, +AR+XC@.[.C#&NP D6;[GEB G6AV=(M:(YB8^5>+^ MY(1THCQ8C:
<">QR599J+ZTAJU"">.:2;LCE'VXP\]^:AQ0C.+BR.:L>C7T^M+2R@NJU?XC,|GKL1& -S@+^MI=7)(DH81%+S^ E0[J]QTO^0[I? M5QMC-?X>?
XXEW..EXWCNRH?<K?)\$1 &Y06=IBF)V93F:3ZYV6Z1H+M!|(OU5Z)EZ3,BQ^&2I33* M4R0?F%5YXOV1EEL 7Y:8\|0[SP?N4/2U<@*&+
M+ |4\$#L#!0 (*Z #EDJ)"DF^L0_-L(9>&PO=V]R:W-H965T MCi6 M:UM7\$A\TF"73"UZA\7.3/S(WRT5HNE=0O!+=+P2"WQ"^\?J0=,LZ%*JD%I
M*B5!XWSBWT8W=ZFS;PW^K'IC\];@(|DIJ|Q[IV M0\$3C^Q;3[X]TCCO0?JG-G.*928,WJ0Z:U7:Y<0?^E#B7*QK^Z@V/^,VGI9@
MH6K3 L^FL^6A#17;6-5LGG8E!4GN^5ZV>=AS&+&[G\$&]=XI9W^M+^|H.P8CK6 M:/&61.:&
[2AMMY\$KI+N4IZLIMV*_STLWQ&.:96NT#X#C41P^;N8U6@&X] 2 MO#.*BBW470<5OP.5P1>@?&\$^V>6[SC=A>?!?QE+^!^!APSB,\$[. MX/\$^5M[B]?
|:ZU^W,V,U">|O4\$#V8,EI,%\$S\J\|]>?B\$4Q?;.\$C1+ .TG3HW3L."TD<5EH5;.R!
M!X]9&&>0A2Q\$^\'KOO^N^*GE%E@N^W4#, TE'\$LG3H1F'\$>#;T/E6RHO(I8:%4 M:8A0QH>,1T.(8A:-8C;BN?(Q[? MP#MOFB2E75
Z69S2D3QDQX289"PIT?&+&DOEO1 B^45'Q/B69L\$G?>. M%*"AI+0WQ;+K86!H1&\$&:K"7/C = 'H"N)[K==.*72ST ;'\$CS:>GKFYI
MI]5#R#M<5%(Z< X7VXLZ K[@>BS3ATC^# MPVE0+JVV;j:0:VF[W.M.O MJIW[MFM8;^9=V _B-V4@1KGY!|>YR1.W;72;F+5JFU?,V6I&;#)?W[0.T.M
M:~^NE-U'W 'J YGI/U!+ P04 " ^N@ Y9\$H+H,WEI"!(!0 &^' AL^M+W=OV4E,HEV@:X5L.P%565 PW <5(P+YVY MM95*9[(Q)1>P4D0W5<74KR64:
5!^9FQ[.(<#5) M65H0R0C9,?T^IOTG# 2W(O:~L98-TW IRV\|-7<2SR2PY8UI5G+ 0?HZA9 M7B9+&|YDW K2B4>R1AM9=<&HH.'B'=E#='PX' 4GX3
#M JC3W29R*f^88>E, MR3U1UAMI=N)*#=\$HC@O[4VZ,PEV.<2;|+ UHLH8, ^#W;E\$!>W=I!OYX%|O'6 M*
<@ZU+)%T6=08W(MA2DT>2=RR) &IRBKUT8?M2WI2>"G1IR38>@3&M+X!& 8 MUSITO." UOI]=%&X<7X<.:S:%A8?
AJEFF>J:.93#WL!TJ^OPTI8,2Y9;|+?N8UI.TXUH7&N\$Y&+P9WRD. ^H#B@PC?![DXHX(MEU?U^?>?DC:~\$3^+8#Y.1-2[!#:CR:3P97,JJ I5Q5OX31J@?
18D?34;DS>!6 M&G0YLQDG8^K3)"S"(<+>CBXW9ADY\W8BTDTPVPK0705 MGXE^VQU W-LWYJJI M'1>:E=^#7Y18N01U?
9M:QA9NU[92(=YZ8%/G6@K /N;R56UQDV0?|XIK! M4\$#L#!0 (*Z #ED+KB"O> , % (9>&PO=V]R:W-H965TB! MEL86L1*)EX\^|E&S9.;U&4?
1B<4C.F >>|J3G>Z4 FPK DJJ^+CE7G.V% MA+4FIFL.KM NH5;[A1 YQXEGE\NLFPB6|Y;OX 7L+^U:8Q2,**5H0|JA-&P M7?BK:~?N0WJAE|%
[W9F#&EY4Z^N^#G5?P,4 M,*!@1Q7W\^K@AT[>L3BDA(4LN8(7CZ\$5[\ |OR^VJ#\'JAL?USR92B;7"[K M\L^9:7D\^Q^&_./X?|SE]]]?6?
C%65?)*JAJX\|P0^Z|H@:~DNN^KQ\$ "KT M9>(W)>:D3N^K&P&UJ7>@|%-IO0|](ZV9B2=J34'BEY,I^H- "6"@=GJV M:%6-|ZJONYG7% ^&(N?
8WGTGZA)W&*1.1!&-IA%~XG (DB2>9AY3|RH4)!^ M(RRB4Y;0;|HB^9!\$|HFN^ZTLN05^E%@OY.836D>)R2,.UR.O\$=WPF@E14%. M?%DTI>\$T(RS)*
LGWB=E>3UJ|S@I5#^G4QC\$9BF:4PCY(G#&,&2(\$H?L;MF M@>=(H57=5W#E1 II=^-[WX\$V4TRD*"M.(W/91S(MW0VZ]]3^M:|K|>Q^0V(Z
M?7.:3O(AR^89C=, ^WNGHX,~7!X^@N|QFB&@|SRII (7.BV8EE^X@|PBC M^!6@*G|M=/N^+1K^#LE&J
[JJS\$^LI!T. '%VO^Y7PRUQVC[MDP#^M0;#HV M:DN9)#?=@GZ4G+A.EP9J2F)/#PD16|Y\N)Y@~*/%4EDQ,K5VHU<)7P/ DXZ*B"t=BZ-
G(H6S)J.S=ZUF(YYK3KB=6WMALWQ3)7>L.9CE=T";>@[E?7 E=BY(6%3!9<\$8\$9!-KUA - MOZUO^+X5L)8=F>A(%IP Z,7G=&*YFA^4D"B-
0/W""=0EAH(>?S>8#JM2VW8 ME;?H%R9VC&5!)9SR|GN1JGQBQ19|(-UJ6[X^A-LXC\$\$\$UY^R7K1C=T+9+4 M40%Q3J8XP,JH(U? JTR4/('[-P-L8>
(9WX|BP?^*3L>^"KXG0VHBF!1J4L9R M!=.%N54^3PNT4|+REB^X&8=M^D1>LJ|J]">?JD&M\$54TN4@XJII4D&J7^@>21!^MF#+46F<.:'
MU0!3C3-(H%j (['?KW L1%(*O>+!&G^W;D14;V4?;CJ^<)4H[(+&GJJBZI MJD8K+E3QEYHV/1JZD1T" W),CN(XL..X3X[=|%>T!\$+
[X]>Z@1@R^V0S2|RV|E^395|:XVLD+^Y(M(OF5^H8\$5EN2)3M3YQ|J 0 J) &6807:LQWF6C^\$O,6A[<6A74>=>=|1XXX) MW,IW.> CD"F\I
YX)=%W;X/>^5>TW*G+OEHXG?765@B:H:RO7U4,G;W;N M3CQJZS>|I75^&D&9J2)P/N6@&<.:0?&6&WX(K^5\$S/M J\$5)#SC
M7&T7VD\&D\ 5!+ P04 " ^N@ Y9|V1I1&8" I!0 &0 ^AL+W=O M!^6P)?5(D@~L-Q4#\$N:3KU<_.;TKJ))JW6; +L- K>XU1T%-R7H\$T
M7\$F8H9C1^6BR2^R^3 C!86L.QL1ULE;JT05?QD-G2 0D%E^8/AZ@FLOPH%0 MQI^~2?
LM7>A>\$^ _J;UC+VMFX%)GSRWY8Q>4I)#P1A1J3V'G#M>IH3Q M3|M^&V^~3= MD64^G6@L"L)Z6P(IE\$!+<[F9#QTT\$./68-5J0\$^/@-S]I&/9,]
[2Y]AG\$3# M1XL\$QU?#J]X&(>+7@Y6R3+RV2HZ=<#P^U>@~JDI|@4WTK9.Z?|>V3>VN=? M>GLJW3&|X=(0
066AF<7YY3HUMAM8%7MS;16%JWIAR7>A.:!= JX72ME|X#;H M;|?T+U!+ P04 " ^N@ Y9&T4KLDH" !!"0 &0
'AL+W=OKG^ON (G\$GZK^9",O0^Q/3^XMP?N MRQJ;0O%KRB> EXG2&A ^GU.EMDS!2;3/ M5T10B|IM#>7P\$)W[W9C3U/EW0 M&?
0Z@TOL0I;.:M1HMB25 RR4 (OJ)C^M?ZDPWQ?>.=@[OX4R@0D&8!5S80 M^A*;LO)^V>Q5)1
EOI\=E.N";@BU!O).LX1+8=VQI:5+9+&J&QY^PVQR\$ MT@2@?RNPP.XP"?JQ&?#4\$#L#!0 (*Z #EG*E*WF@<)(8 9 M>&PO=V]R:W-
H965TW#&@J\$P.3&W3M/OZV8:P.\$JCO6!^?Y[CJ>(&#|"RH**N) M=..65C^=B59S5L~*(M56%9602^!B. ^E^UD(\VN FGWNA%00<.FT9J!F>
MX1(XMT1&QE/Z0U^6N#>+^+6KWM:RI@DO!O[-VGZ&O M)|%|F>#*=?&VR|7G^L:I475@XV^BM7^>C Z>|J(W +@&8>?|.IBIO** MIC,IMDC;.-
FJZY4AS,B6&T?Y5Y+L\L,3j>+=|16H5M:R>DOYH^>YH ^/A!^29P% MVM#; ^N^KJ98=7Z^Z&S=BEJ?7"GV<|C Q@=&UJ _|JOM5|+^VUJBDCH(QSB M^@&?
&6HECH _JZT %FNEI?DQ?AZJMB.+#Y-9LTQ50S.8>|8-"N0S>.G)N^@L MO#@B-1ZDQL?8TWMCOKPU\$D6! I5J2.M1ML~!!JFOPTJH?
XXXR*!@TOD\D2FHMO,VVO|J1+M^GIY8UC@03XL=Q@F+B)R0<74MG+L%0 MH(A;#*#>|R- 7A^1@J^4X=-#XG?
COFW4%XC/T3J]"AAPCVO*!W+B.H)"| MB\XVP^KO!+=!U ZD=QWKLH-JQ7B4!AH>#1."/2^+M %6C3.>6NAC8 =M#2- M\$Z1-/N%\$H7V
&5IS^IE!+ P04 " ^N@ Y9OCV@?#7\$#! @!P &0 M^AL+W=O M!^6P)?5(D@~L-Q4#\$N:3KU<_.;TKJ))JW6; +L- K>XU1T%-R7H\$T
A1^#*^=YQ!??Z0#WAYOV(^J|^3+@AL4N)3F=MB&NP'D..2-!^ M5^07V/GC!69*&^/ZJ8V20+&(F-5U8%)05^*JLNONSC< NS^#P8Iv!>=WN0
M5 F26SZ;.+4&[.R)S0V]JQY-XDK1+N7".MHM^6=G^X72%BY15%G1@K>"X- M/+WD^X'FV22R=(.SC+&.;j|RL0?XQG^FI"t,O)(YYG?Q\$6GK!;*
P#G;2GC: MRNU(XA!8S-(M?\$GO<+&YDGR/^O.APEA^*+M/I=;QO1^E/AN/XQJ!;::|WW<8^NZ RS\N!H);>M@>XJ5[V25WLMVMQ:6UCE,X
M:~"-7966/\$\$;F"!I)7OP>#0D(X!W0GZ.WF)&58+U).PP\$5AN#\$PH5^+5QT M6[!L\$,%NZ-XW SZ&+;\$< M];\$< =8;F7[VUBZB-T)E,ODQ,?X=V#AC-
M&E 8&J(H1+FJJ;.-/S+&|03B01 MHK%W=4X;<0..M94|VJ^O^WEJ|LMHCZ.3OQ1H^D|^+R>XXIH .PV3\$PFF",OSH M# C7A/U9J|(PHQ&ATW@_3/=B.;.%J;B-
/ZS@1.40W1)=|EE#D>JJE|G;KKA M ES^K-.6CER&M D FP38?OG1K:Y'S^O^VPUDJ|V;8#;O]|+9+=|Y^< M<^;TJ2;+
J4^CW3VZ>=WVW9B5+U(Z\$)9ZLA^6-3B-H9TY2*~N9N JZ1W7V M!U+ P04 " ^N@ Y98N.#R|N" #^!0 &0 ^AL+W=O^OL")(\$7+=Y:5-E+W@0 Q,6T#^A
/G+; M6^B8#MKQZ_GVDFS(G65>\$E\|7///3?N;.-D ^J M!D6 -&S9U^ZW;J>~JH MH\$;J1+30X,E^R)I]#.7.4ZT\$6MJDFGNA[Z=>35GCY#.
[=R/SF>@T9PW<2**Z MNJ;RZ1RXV.R=P-EMW+|U|= MTJ|>DE\$|S9K^3;?#>=JA+R/P\$&L(A;2Z^T)6Y275-|J)JL2'2H')>+&RK-AO% ML<9.HP3^=?
=0627^12QJ)%T:7C#-0)&WJW3)0;V>+1KK&+17#)SG M6?X F^=KD6C^T6NFA+*~.J|J>#*^/K,8^4J72 N8.^D!^? OG? _J2WW1S3^H^>X
M&M^AW8L.PY\$K,B+^@W)|DI(6^3/7PSI). [4 F#?JD?^E59^4X&GLZ62A4 M-L&G;3MEU!O426*^G5W7+Q1. ^>F3 _E\$|1NEF0D|_=-\$F?45-M)^0
M, W=&\$)ON(T^B##,0G|\$S\$W#&(D2-XZCR:(H9(>^*8(OC2ID^*A)G;APD)UJ
M|JQ+&O=4TY>D)U4524)/WZ#)^*3ET1=Z>KVJ0:SLJ)^\$E\$U^C>8N/N.* 6 MO2^?X?UTNZ9RS1I%. *PPU3Y31PB^XG1!UJTUJ5+H='S=EGAD 5I
B^\$D@O M E M^~OY7U!+ P04 " ^N@ Y9VX +A%\$% S!0 &0 ^AL+W=O5+15/NBYJV-KS& M**V5%F4^!@I^RML >>SVX00PU|
A!T@=+K;A9S^6Z)O)"B0=)6&S9KN%8= MVHBCW!|*3DN3I0:GXUO(04K(T!8.P&M ;^Y)PD"]77C:T-LB+^VHUBU5^ +5 M%-T)K@N%/O
_LK QGI\$5.PN/V;M;A1<(<O-1^AR!^BT % BBOM?|(47 V^N/M5:'T!^?CYJEN6^&Q>3|(+~5D126V\$R# GD ^+|^%4S)J]Q>DGCNIXTOL0 MOIF 1%\$P'.SJ1-
L"07#;8,|I;IL2;A7J 6!8-[H0E#5R>YJ^@6Z@ NC=|^~?9CFCK:~&Y ML4B\$D/F\$,*|B:M|AL+M+1B2 #5NE LV0.2M>.6C)C09.O#L
=.:K.:2)]>27J]6T!05;Tl6.;E MG(^N9\$+1=>Y09 D>>Z>N3^+W@+M+68M7<.#J#>X\$SKT M^J. 5|3@>H^M1\$H CW#525ID(^XPG?Y(K7@X?
D7 U=B.MBRIA|M>?6&E MVL R=W"SEK&A7J<| ^QOL\$|DT7L\$K;YD:V73Q"%%)Q6O=|K(H&:- :./S|< M*.3^>Q3^G4)H>-N#M,L/5-%3/ M\$5H:T?3
F&JTD1QK=>#>E,!=AGJJ<0MH MDB07CW19@:R<>0!|j997" ^N+4^X^X^4W%&X&23YV<10^NM[2^9G%+XRN@|/ M GJ|JFC&)]>?>?AB?
P8M2R.#%\$YVW.. ^K150^D^~?|(1LM1^D^P.H0MC^EM:P.S) MS)<@GLX/ Q3D/J _G\$8JP3C<^B+|RRTLJN |V5YZ-V DQZ12MR320>.\$>A
>M='2'6) %'69]=,!R=X M?;8&K?E5E\$Y4AQ4EG 4.GY87"@#PZA34D^0 ^U M\$@2) K.\$6:\$5[S"@I=3^1)24HE#&|X#U^O>|DH+>).J(X.89_L(4
MQZ\$;A(F;Q"&Y973)*88H^*)+JGV2R@:3Q(WG41ZE&.0G>29SA* M|JA-@Y@|\$GV(\$!^74|^VE+^0C?|^+5R|JXY^2R8)WC2((M!2+0Q0\$QJ\$R&M

```

W?FN3 !Z%VPAKP %?21& .T.APC[GS?JQ]CQ. SPDY S M29CT29B).0EO>-WR!E/!X.1:] $9KP$)0UEX%G@X"Q\WL$LO[09[(;!OZ&%&
M&[71]7T)1M9;8(D81[>"/%$2U>1A5A<4;L@*L8R&D>GL973$79VB/DVQY9?<.E1#%OZ4INT.*W G[AXQ(IN06);8G7;Z;IE#18W2$4N CPGBWQR.;K7
M!<2D2?)5!-F[O.4]XX!F=[#6]MWC22F.9@+ Y^M7VQ=7G7PE@Q$WU YA<=0 M2P,$% @ KH .63Y<4%$]] P ) @ !D
!X;[JW;W]K&ULC5%;.JLV$[W7W0MZ%(%F6Y=1Q.0-QFV KUC6L 9AV. M MG2PB%*F25)STK]^1DN4L<(R^B+ ^N^WC'^WC4?*>
TG2D1+3Q40II%4%I;SZ+( M9^56S(2J1DDKA=(5LS34V\C4&EGN96MD(DC@^BRK&9;.<^ [EKO9RKQ@HN]5# M.;J*Z<<5^K5;!*
@/W^#MZ5U$X]M07K,MKM^75J&K4D21XK(8K^1J+17 Q MFJTFSMX;?6X.T ZX^+9^7G!G DBR!V#J^ S^H&1LTJ?D A^!&Y!;WC#HM M^?II?
\Y^7E.G6#;.X.M808JZ.3YI47+8M>+C.X0E@&K 21 XOUN- )>?F26+>=>[4 :J1^ M1Y-S7+JDK^VF4XXN S&M&2PI^<;.C@JA>+W+*0/-
V^EGB=U91UG&M6J]D M!;XS^*RD+0U A)G*OG^,9JL&/- [I M8/^YV!BK21K ^@NW94N/L[ GK.C,URW 1TTPJ.IQ6+Y^~3J+WY P->UJ34^Q M+J=T ?)&
(*@ "KAC7")6QH^>1"1"/^~JUMB5 XVOLJK:6974OYHFHJ%[E218^12.8H0UGPK>><$SQ!-EW5A#C56> MWYL $7;.:R5MHZR1LU5#AO<(^8H;5!C6,1-
NK=8!0 @%Y$F:4Y.$[A M]@%UQLUA,0W31WUS^5!3!;H^LXZD@K>./.(3)NW!/^<^$L8IW^!SUNA$=T!(4G (M@B.?:3M^7F;T+?>
GN>>^V5.TYF$8Q[0V;=138I0T8I0M^>Z>1GXQJFS=.H^ MLW2TQ4>U=O) ^8YEMN#Y^BQS[8]]).2. %95@ [ZY]MW^E3.00$]V0[O:!!
MX3_0Z8FR/AM<.-T.CB9W1%?CNT2MJEHP/M^J9^EP0JB8SKKO#>Y>NCO&*60X MFL;#9#IR2AC&TW1X#D_@6)ZB)Y6[0KWU[Y.13#72MD6]G^V?
P(NVIA_V_?S M.J-T=PP(+@:A^H(C;IJD)]5;5 !S;*TJOBNR4[XZB=-:772MGJ]P&W0_Q@L M P-02P,$% @ KH .6?L,>$= # P D@< ID !X;[JW;W]K&ULE55-
JLX$+W[5PS4HM@%A.C3CNW;.IN^TW6Z!+H(F;0^+ HJ=#2V)~D]52BKJ OD~5ES4!87<4C.O/F&@X7>Z0385HX;6TBR#RMIF
M'D6F!+FYD(U^E&GJW3+>WUW+C*1E;ZH%5!1Q/HI&E&P6?NU&KQJ]M8)+ MO-@/VKIF^K^U^K5?IDEP6C$=Y5U^J%J]T;=WJ+JW-
QHFD4#2LEKE(8K^1JW MR^JF;JSY^!OG#Y#&!)^ 46UB$P&A[P&H5P0$3CWQXS M&%*ZP$/[([.R.L_] M)Y2Q:(U5=1],YK+;F2/_3DM],F-&=X
M]J3Z:R^!I?L5MU;3+4W@XN/PWG+LS<.*S 94 WPJ!^P&#UZD4RB5^?>(9L9^S MZM^M;NHIE^Q+4%4M;.!18+&.$-
%ZW%$DY[NJ5UTUKEFJOV4EK93FNYJQ^V2M# M153 #3#ZB(62!1?3@9Q^>L81B!ER<+>+ 60Q)@LXNI^XSD^OC@ZU@JLM-47W[ZB %/>@
M&@=E/,JTYI):^#5BVF:I*^?& ^7ZBG)OT)V =7".Y0;(!1?T3^2)H$2+MUZX "1=-MAV$^Q69BH[-D24K3 M OM1LN,E0YK#+C9)3TJRB(JV0KYT H
35[J]B]N14VC=C#U/90743V!ICBN MK(2LF497KCW52&"YI=65% I^[-6LY,YL8F/W34PE2R&>C^.;3QW?^((FT8&+Z>X1J]JRA"AC!=I]O-0.8#][H]JQM:.
MM2R9@FM1_2AS74R=U"$YK-BFT@J]B^P6Z>B+>B#EXE^V239MKETZ)1LH[2H.S J MJ$O>OME+=PY@!1 Q!V@-
#J.C>R^CIRS683*;9$FFQD,X8M^U)17.G1UEH MB:LEX037,XBU95U91JPB^U!:(HSG9 %K/FMR/MML3@AXFG<3>#];.*.^:IE
M#M]@CLF=X+I0Y!/(3 $>ZBREQKN!Z%)PF ;O@%&?HN"?V0GN ;J4/+ = P M/TO_.5J+?-. #16?M-
CW..5AJAK4P=.;17%;AG<+G9T!L7Y03GOE!J3] M;(&MF6J]&5^5^5^~DH-RYMB@Q ME2J?Y#VN^1.WK6JZ^"VB^R#7HF8?ST_U @ MN51$[42L]T0,&
(KH;J0 !: 5?E^Z09@>D!>#!J! 6JJ Q @G3^!A9^~ MC0&LEUG53?].P$J0Y7^*($T_QUEBSP53.2&MA L2@V@8([J1DDGN=*63)U$9I:(L2%1A^$63
M4# N@V3F]U8ZF:G&5ESB2H-IA&!ZN!;*;>.;!6;#.N.9%:=U&F,QJ5N -VF_U M2I,5JBP9%R@-5Q(TYO@/XFRZ&#E _[ "=X];LK<%ELE;JSAD?
LWD0.4%886H=M ZJ?/2ZQJAP1R?C=<09J2 ?<7^ +8+WWNE,N;5&R]Z@?;.#D]S@/(&=>9: 5 MY@-V^8P=7ZH]X]^P.7WY)PVQBK1@4F!X++JLX?N^O8
Y]3@+&@#QY&W&[BK M?;RPRS_QA>R%QCNAB @H MX:=&EGLP.H$XBD='^9JXD^~ ROQ^J]>K(W51H#_ #J7>H,.[LVF]I:3@/
M$[v,ZGL,DQ/SB;1VR.ZI[WNT3^VY(.;FLJ)7#%R5?+YE,J;.=1%ELQN-H,4E%XV STCE^BNVJ]5D>2N5HJ_ ]W)8(N;JHF+FV@%$X2SNL^*06S")(TIO^
M:AKDK2;1.;JIKK3! U5AP8.;9I9ST&=Y9WH>XY^E L^" ^8#ZDD? M>8M,&T^9.4#0W7".#0,3R^X>AD-(D&M]JRZE[1NU,X]#SA7F)U(6?( 92
MU4C;MEF VP^IBW8WJ;^7?%=>.&EH?Y0;-3^- =#LU6L JWJ?76GJ]>[L M:="B=@YTGMBE=X8+T( NY J02P,$% @ KH .6=!]^F.10 +PX ID M
!X;[JW;W]K&ULK5=M;JLV$[N7W^P@R(I5-MZ ML9Q^12^7HBW.P6C2>=BP#11TMKA^I$92<;Q?OR-E^4J]& ZZ+S9)W3WW?CR> M+Z7ZH3-$
=%+O1%S.F.WW=9)AP71/EBCHRUR@AG:J5?EPI9ZIB^O!; M!G& 8%QTQ^?
N;^K&Y(R.IU_8,+5XB<^U^85G3#J.N)4VLE@SDP8%# 4 NU [88A>/. MO[IF"]S>M2^GY34S;RNY!*4I28TNW^F.FY2C@L.E!NCZ^LG/C/^@CDSF,*4
M?;."616$9LY&@>YOYV2Q?W3>-R3(DO>>3>BD!@>V> 8WAUQ0FT !6I@/^YN^<3 M@Jv60/E-)@^+&$/20@/^@2@-J!%[96APXO^+G5?
UJ.M&T^VN;W35LM!76 M%M^I+EFN^UJVS(WJ#KOCUZ "]^"VVO^FH53K.A3Z^H8).JQO!SN$W5J &JE)P MIEC./U+YNF<=>3;C-@I9KL1A^QH?
YFGV;.>:V%XC^EDIL,3(9P)8N2B15< MH1!&27@O]J12?^(%MSA7TA[GN3W3&5.8$0$]VH;^PVU$P.?F:CF%+=*6;9; M3+(>4?
8]^&32^GP5%B^114M(M^GQ+=X4#9U_KQ85(ZYOJN=[5F6.PWL4BW]S M208I&YZ79(!QIXPRAV ^@/[OQZ MH_XB;PH.OXZSR5T^+X71KX7!Z.'56=+
["2+3P)O/8?UAAU;J4AE0X@/([I) M&1-1W^[C.;^WA9E+E>(L^1[5]->JSE]4)^1&1KU^=1SXHS;^JQ8/CIC M0V^Q^*6RH9Q)1N/1ZE%5TF?@GGC-
5JGVF<[19U1AU!..!LZK1*&D.;Y^M^*?..I+>Z?J1Z]Q&K 14EL^O^J?J.8JR.3JHONQJQZ?6S^JW=P4Q71=%OU
MYT^GOGX,YM;L3_5XN:P]YI67GH0A [L]NTVU^:WX/13T1HIT(H0VJBZ,M M,1M+('3:7*P.NQXS;3S[AF$S01X]N>VB^(JL_7:ZR$3CR?>35!/>;D=IH
MIHVP4RY.C@-23KVAD&T#8>TVQLF.AEZ@Y& -4/Z&T!@6KAGB;Q@<25. S M[6G]&KJL^P$Y53ZC^3^TZS;(YS8AWTIG]I^IY4F^+>+V38^8-/3#<J,7
M21+0- G4IIF8W21;3Q?U!+ P04 ^"N@Y 4QEM(C) #Z50 &0 M^AL+W=O^J^S^:SDYVUJ^P M213DQ;."8WYEFZ2>S4>WN;+FH)%-
!2!2$[S]_O^XH2185&K;4OK"^\#X M@2.1( ^%T[M]^BY3SA7[LLCR]R7^K5!1B42+("(1=XI/ZW>NY+GI!5^92+G5Y^5J]4BEO>O>%;C784F9BP?
-2%#F3_ :L=V& B(9#15^5 M^~3X7;GSG.E#N2Z*S_K^ZJE9S)[MXAE/E$;.$J^#++WF6.1^UXZ!VMO6J]O-W MGv HO77P=#7<"#J_>Q
<Z8/C8@%$=.TL@M^L MN'L4^N!@^
```

MI3E0F@NE412M]J>G:.#.#F#U860]JTU*,V\$TBPHS8;2""C-A=(HBM;4>NW"&3@/7
M3HWJ+6:#P>E65";#P4Y4)H+15%#;M:UJXSAR2W=0;WQ>|I*38098WJCZ^ M>OS-@?
OB3ONMUQ^TZZ4F>=W4KNWR%P5J?/D#|X|>W I1*N:!*&Y%J=#43AQI> M F9 ^22+D^*&|B|QEL5A|7#^O#7C>0/Q B:..LZ|/|@3^7VZX^S|J02P,\$% M
@ KH .62NY?6FA @ E < !D IX;|JW;WK&ULK950;|JHP\$;. B15-TR9MY |;5F(\$\$#;.K42*NOV8MH+[-|F 5FKBUFAH3610.!,P4T7594G4W|B|7
M(R T|A>NV&)|I(*)>A5=P|S,=353./,W+CDK06/F!5%0C+RS<#B-;+P ^,E@ MK7?&Q%9R(^6MG9SG(R^P^00^S%@/BH|53(|S:X1| ^T|J)O>V65K@|OG?
_XFK^ M6FZHAHGDOUANEB/QO;Y%+3FYDJNOT%;SY'URR37|J>LVJC (UFMC2Q;690 M,M\$Z;:EL", (XR<\$42N(##A7T6T" _4\$'<"AQJ|ORG%<9A20|
_R\$351-AK=[, #! M=&HLGPE|['.C|'U"G4GGS7\$369 Y6PA6L(P*0|ZR3-;,+&@,|E9QD"3|JU,P
ME""J@7PB< S|U|J#U7W%CMX0D9, +j37&X6GBD2|P02:U4B"R.)#4:&I.VKM M8L>44Y&|3GR#5=A< *S->-QD'#V1|?=:|\$_@ ^\$BB(|H(Y)|^|BED^ ^=O-
^A MGQZ^~R.YC^BW _M |CY|9 B W0Y<C%FI%S Z7^T^6QV3GNWGMQVDZ^N: 8C M#QN&!K4^+WWW)AP\$G|NHO|9|J)? ^_A#O;XGW|
[FG,U|,Y@20|J7E>BNNYV; M+([E%0L@BAKH0ME8AHV;:6K|>@/7#8ZCQ% M4NJ, ^TY|3Q &3?>F^<| (19 M? @ N@%*C?T9\$!;:*/\$|/(|'CQCLW?
VY7TKV|)!|R2V.[W5+@- IP7: ^~j2 M|@7#7L.A0&'0.L57,'|,C*|<5.Z3|'NN&2|PV0=D ?%|(>XGMM%N+ ^+T M'U|+ P04 " "N@ Y9@FXQQ^0# .%@
00^'AL+W=O+SAE\$N13ZGK),3IRE M4|JLSUY7Q\$E(B3 ^@. OUDS5*E|Z^A2M7 DA2|'7,3UOY*:*9DXT+N|=B6C, M>15H|G<^"R3Q-B?AQ
8QO@|YVG|F|OXE %N0U|F1< <G95Y|HY<0|'93 G.1,W?J-R@|@#0U>S*ME|DL/M&FG.LY*,ZEXFD9K"M(;;)|M|J+|78"<+ GP%"#-&|0!@X+HMK*"
MUA51)!H+OD""S-9HYJ+0IHC6;&AFEG&|A Y*'=9R*IMOE0WR.IG21T3F-2;:0 M>1SS/%,T6Z [SFA,0:*C*U"\$,GF_ D93 7-*<@8F|B.A GTA+ =T" T3F O0R
M^VD>G4L^HID";JA9\$89509)+8E"1%3S\$Z3|Q#G0IB,%T12|9,|3* 0T9 ' M8U=IH|J9<-R Y)76Q|^7M?(FT+#+H+*WB3Y|(#1-'JP|08@U.|J.X/
M|/((^M*G4\$U\$A^RT&EY<^" &DV77"BD0"2(9FN0RLC7Q@<+ ,R|@3";1.A|A^!0 M+ ^AZE|SS>7Z(0V|450.;=095G0&US|J|&(6E15+ ^..MR"MW&
<""M|Q^|'52&C: "GQ5L"W1+Q M|J^>|'JV|KA|J|@JY%-CCWMMZ;,6-#<@|AJNX5|T|J)U UG3+|J|>@|K*");7+Z MUI01:9|J|@36T*LM
S|:4:ALZW2WHRLZ3|2>5^1>=|#Q|)BM%>(V|:M |Z+ M3+%7FQZO6T|KXUY>*7N^K@1V7|NV\$OAG9C#)3. CZVR5UVW,M|Z|O MM*8(M:W";JY7X5Z-
55|H33UK:X5|!E9VG _Z0|>@EPG7@|WW8+=P|HT>|:N M|&?;^ACL:~PSTA|!6#==>#O=U|VD/&|J6UPOMMK5=|UA=-4X:;H.\$W|J|!P MKQ:M+
|2FGK5|PSVY.#0.(6WM-7P^U|P1|-02P,\$% @ KH.69YJM|=; P 6\$& ID M|X;|JW;WK&ULK5M5A;|JHP%TK5B9-F|OUL>DH M|0^I|J\$K5^14U.VAVH-
;HA5)Z.V4ZBT'S|T(1)X S4O\$"<^!Z?>WWB8Z> M%|))0 .K5*>|J8?7+|TX|WT5)I|2=2(6D)DGL9 IU:8IY|Y:2*!\$91RGP1!
MUT|J|R|QA@|@WD< ^R#5G&4PD4GF:4ODZ BZ6 P|J;S^NV3S1|H8 [" H*:@ M^Q83:5|~B1^Q%#+%|(8DQ /O I^~+|\$18^?#)|9JZQK95&9"/-G&;33P
LL(M:3:0E#S|P*7P+E,CR>Z|>..8W+Y^0|IDC?)S*B^2|% L4@G^Z GH0AB MFG-|+Y;289-0Q^*%@|JOB^RTW?>0;A,G2(MT\$&P8|R;= +4IQ%8;N|)
(N MHA#<^>J"Y175=-B78HFD|6W|Q\$61.A#MMR+^,SLI42. 4F3G|JG^YGD83=D| M8S\$+;;111B*^,LFZ.JX^QDH."G*|"4RA|B|3E K^|0|)(O-
K AOLFS(U4J9&"KSV M^KQ1SGAD,E#H<0SI#.3079R<&|:=%<+&L+ ,Z)7(% _W|@|+O!-P?#5LFP M5:"W|A6 MHKH|<|\$H%L-J=I)O|4
_79)O^TL<\$4Y7U/F^R>C4,"I4*^>E M3DFIXXO:"RTD>H&\$A1S<^"|.K|JRW9)FM^F|S9 _|D2? I.\$ ^&=:>Z|D MU',BW;"584.5
JW,HAP*28M^WR4)^*1%3PK^9XU+8"S|NCCH+*X)TD4 /4 M|J=4 WO(R|W|f6<2;W^U|8"QHFII=Q.)<4W+C^K,R^DR:5@-NPL= P9638
M:32'R,\$.1.KE4D3=0O*#CE= MOG2^Q^N|J32"HW(VX3VJ|&N^<^Q|J%|94WD=PT|(@3;@|v3|JNN<|K R~ M&B#^EL+?.BG;KPYC*N^&9 (U
MV@|F>2R\$2FO8|WCY.67X%U|+ P04 " "N@ Y9IN(?Z<# #E\$ &0 M ^AL+W=OT6"NSX&@NB '=Q 61HF^8Y &E^G|6F
A|=[+ 8X^4P^R+AAI= T:5.3YVQ M@Y:P(MM2W?|JK)S%|F!G?2D _J)8^LY*~JQ:L&K\$|045; D|ZB%L .%|/40-P|C;NUK;*Q5\$D=E\$|~T2QE|JSF0N;28O6
M^+;+;I<^7V7-IR:S>L076WYK1@=5\$SPA2ZRG. ^98JRWQDN84|L1+01%: MRG|T\$Q W=YCKL|H3L(PZ|JF+PW#;1|Z
MX|CO&F;|AOYX|~TS=N^VOBCD _*0B3%97V;.@CUK<|J"/7=.Y#25<*?;V% M:@&BMSU|,K^W/8LV9|DZ9|DV4|DG9|VJ- MAI.4FBHZ5
K?^Z(D&|U)2H|ACJ,1QD?;D|XT#%81J|Z1Q+@^8UL%HK#SLD1V|J|P-O==B: LI|HT?2U?WGC M|^RG9H:W8^ (S?^T|X);@C*)2EAI5|J%2^NB|J?&
J>J^XQ|Z-Z|T^HOUT^6 M|(R|OK B7^TMC|(VR|L|U+ P04 " "N@ Y9Q0|,Z|4" D" &0 M ^AL+W=O2|G2 M2^MNCB4T^32L#<(<O+<
|DVU|XV\$X|OCUG|XM:R*(6K2):V|G| ^Y^>YQHR6# MS \$4>2R+2LZ7*GZ5+9EFD.Y2FOH<(W^RY*|K KUK:L|=#.;.6%|3G.QXI
M|JZPX,F.W(HYXHP|6P:T@LBE+*GY?0L&W;|NUG@:NV#17>L".HYJN80|JOKX5 MV+|E8R54\$G&*R)@-;NW+,DU|;&X"N#K=QI\$YW)DO,'W;G.9I:C
X(^445 M^*XV,(>BT\$|8Q|J,T^JGU|Z|2^U*Y|YK^D\$N:~|.,8RE<^LJ44R6&F4'=| M^Q&Z\$R* ^2^D^2?;UM; &D|TD8J7G3-&4+^J?
=^'CL..@ ^X^|U^MZA#G|G M|J|\$0.'Y|32^I(FX^31.)|2X2V1C7=;#~Z;^KWL^R7P+4. _%2|JR+A5>D M|(DU|J4&I.(E5>D
459(=|J&ML))M^F==H*7K:#WC.-!4Y2T2WWE|',<+R/TB M(2>OAV3FQ|C,W|G)V|>N9/P?;\$@K&==*(4MUVCYPR^9B^UGY 7L/*K'^7N MQ|52^H|^>
<00%8Q&#;49 Q.UC2%F86^6|+8@!7K0)WS(800*9;D-@>2;|G MZ8^I=R25|LEZDDX|X6IF|D=\$5;1. 'H1.X4S^R|~MD1|J<|ELR DWI3=^I,IOVD M>TD'?
=+!:-*7M^K HUQA=34;I08|;U)E2=V(-.:E@T1:~#70|D|@^7^+P^M MG>OO&*M5>>U;|J-1 N?^ASV#<|3|)%66';&C1 .\$K+;##1(8X^?NA!|@#J.1
M^*LO|WBG^>O|1.659(4L\$|YY O|5B|;..ZGM^GZ;*KWD^FN^!>9XC8|0|A;M^Q;EZZNC^WW|8Q|^4\$L#^!|0 (*Z #EE\$3L8D0<# #'9 >&PO M=V|JR-W-
H965T@DOMA\$\$S|DC+AI8E; M6ZHTD;7A3,|2\$5V7|56 _X#+ X>%=L6QB|X:5+1+=R#^5HM%<|CB5G M)0C-I" *C/O>GPUGUA|9 _P5X?
C8E5L|RT4|N|D7V|(^ 0V8L |7#N; MN27";ZUG%|GT@*Q/P?V#TX|:EE3#7|O|/<#%|OTB,Y; &C-S4KN/T&KQP68 M2:|=F^Q|V C6:V+~%LP1E
RT7SI4YN(P#R)|/%A#<#^Y@ ^XA:0>2-\$I\$Y M6;?4T#11D# (X|Z^AN&WD^M%|(.#10#A1 M5XS(|<7^H^'4,6|*#=\$FJ98^V=9YFLA=%8Q@S8 MCJXY=-
M|J1N,QW:0^UW1#&8>M@&@:==>O+>+|J|ZTO6FW2N M< SP1|G(8%62|V8F|F=FSDD1VDIE)EY@)|*Z8RRR9ZD^99>P2 .C|I|
M^>S28|3^T23Q=|>.>LTN+|=61.M?|2;+1N7>.A76^DWK|GD^X^L80GRS^P3^25|X9>|^+C|G4PN2|)EXA|ZC1|5JLU FQPIK= M^9=QM^@I
PEMNBR#|>H|^+|V 1VS@QK94^OP=ER|^J|^D^<^*|((1N5& MH%)I DG7WU;TFQRXSS^F8NX.^V|I?>*7Y#KNY|((OSW;V!<+RF%)2|YY|L
M25X0^@=/H^"WD#N| ^J7HT\$;?>BX+&,+74W2V|!";.P3#IT?00->77H M^@U=OT3WSE+@0R|J>T> E WZ**\$70>QD|JP-
@76X|PWW8+4GY@D67/+J5&M M _/27S^2=|P^IPQ5D+;');X:1<%(||+H|:N\$V#8!!B>I<7YH|8',2ZMAR&P M#MVHH1N9UF)DDKLAL [W4<-
|J\$H5O|!@<8"W 6#*#K2XDL|?^SY(|?KU^*X M^?7|1H#5.R5N7BM#NAS\$N|OVAL ZU+^3OJ8=T|JL\$0W1-X76Y7 0IN|7J&K,
&M.'P\$8A=@^3VJO29:QG@&8ZUK\$??6JE8K^0R|J|6S|J?H^F M0..-ZJF?|K4|;C%U36\$UDU;Y _%@S|BZC39 IM^Z -L6" |V&|U^N Z\$>H/ M5" _G^F5|
(%SG^OMI>="SP7KLP&|^0=JNNX.%^Y4|YSUAI|^+BZO;1NVMHF M^H?&Y6VTIS%UN7?>E5XL^Y6Y1|GVSQZ|6|>^V^Y>ZT3-
_%%IWD M#V:>Y@^W2NU&N4KH3=,^2|Y-O M%WFC(ZG;|Q,@=25U.1@3*9;^JM|2/+;#-|NRI^3T^X<7R^J\$5H+4TWT|@A?
MIU2@#%8^TKF^U#.^55T.R:B%94+RC^UI+NX|LB*+N;^LQIR7=|X62 *4@>YKN|D<9|9M/Z MN|MB-F4;GB8Y02U NSPFN%M06?
R3TN3SX#^U^AC|6EU16EY,W,HC MFM(M^KRI|B=+YS1^R3AQSL^2^1J9K7PV,/>+>6|J2|IG^5 _JDN^NIB\$ M^J^"DC \$FY72L^5?;!.15> N6EO5O|
S8NA.PV|2<9T|^&^!-6P2^<+4MPS|E>~ M>9RDY5OP^MP+4BTW*.U;N* 60^FM<>T**NO+A<+MLEY*3 7-G&#|+R?A| M?PW> _AVZG#A?
N6\$LVAOBXC.(?R;|H0RV&|^I'O #^1SF^ "XP MP"=..L (O745V#R3Z|U:OF-R^2 HQ42|OTI;..ED|J,M,T'= UF7#S|B2&|+F
MAIC09VWP11O).Y|3K@MZA^372-5C<#N+ A<^GC^UMH?Q^N^N^Q|.(1:V=X|K7 MNNH979VS;|WGW|E^>|)LP=: "MCQ|A:&4M@2KA^&ZX -
F|J|F|FQ|?;D|JAS M\$UAC|O|.V CPBZ&F718|J|&#!(T&6PQ|! M#*T^ A|2^W4\$SO-DS^<K,8"(X 190E-#EBH)>^J;SP;|JHLH6FYD**FA4|L,8
M|&L8#\$,2^KV#=#8;B74V""@9+I0-4F?/X |F|AM!!E?(|SIH.LE1,|R=P58% MEBTT-3|28D&C2AG&X.B8F\$B|A(^P11#&\$ [%\$12(H>9|8|>P9 _#+8#*#T
MOK;0U)^E<\$>P; 8C|JRK+&|J:"ZFRD|&E#&|P ^4KQ R%-NB^@S6&?^#H(M4O,@L^9UPZH0|&|U:54AK|>U3H@UO.@IN:P>|R1:~FCZ|P1
90VFL"C9;M:&I^I&|^YKG6+2TJ5L5=8#*9LZL#7L^M^|TPW#TC|'<^|J| (JG2^U\$S)K MIJ-V@KC|JNAF?V"=O#|AJTA:F1Z|!9|Z@6B/4-Z^J|H
MVQY;.X1| K>|I#^19F\$V6GN8AXEF+P>7 Q0C,RS5(W9^WR|Q^C5MH.GYD5(3 MFV=TKV^/J|C;@1VVD-KYT80Z=L#2J6\$S:IOM/8PSRO-
7@XN RGF8SY^NYH@#JL M|JWR ^TY&: ^>^/7L&1&I^L^*^|5CM81|IFKT<6GY;.&I.7|@EHV^,ZM^U|:..MFAU1(EY2#|@;^"V;KG:PSDXXRF^|50??
2U!78W=<< VV 9X|65|J521YKNSN3=C|Q|93D)4CIHUCJG@U^#KA2|XZZ|"[V|68G1|!9%Y>N^QHO:5\$9 MB/N^C|1|76 |JM^Q|^|02P,\$% @ KH .60G ^V9
@ |8 ID |X;|JW;WK&ULK55K|J;P%TK5D|HD|;EG66EC;2U M^H&FESB-|B ^N.E.M.V|@ ^T^~<= VEHMVP";5|2^|XY?;=90< AUX:|XFL M8#<
<\$*&,7RVGTWW2 /?'. -/G?;9485C 7 _S@|J^#FI0PJ8TQ77=V+S"=|J MK,|<<&6?9-|>@|J5T|+L@6C@|J5S9MN6Q V |T#"^H <&_ L(6-\$I&5V4V
ML0G5-!M^L2^21". ^5A0+^|J5896IXE1+W@6D|TJEEGHM516Y@QS8FLXXD^"| M;.JX.B:G9(K^IECAH3B3OEBFBR%
<1.V:7XXF@50X\$SQ;YL^VQ4\$^"0L82";7C ME %*A/23^EZ>SQT:HW&MR|57K5^W>4?IY59V1T#LA@1=\$?^QR _Y)CW M+3P|A+OH66=; [G^HEL@/?
PLZW7^7VOP=..E|UY=NQ|);\$=^U|Y83115Y M6/MQ?BY| _W;|;#B|0+/- 9=3JC^W>@>@#(0#|J|O:Y4WMN^U=G R&.JY3 M=>|?2A|^2Y/8%|9X1*O))
F M/?G0NC=Q^2|J|++ _@|02P,\$% @ KH .60J%|O|J| @ . @ |D |X M;|JW;WK&ULK59=;|JHP%TK5C9-K;0V^X0\$=1) M:*=U;J6|J-O#M >37(C5Q,YL
|V _W4#860/6POQ^N.3|W(DC^#O) MT|XJR|0H5K|@|XD4|NR|+^W|JQ&3F^LSMX9,M6TVFN-.#|J8|JL 4=^9E515-1?>95D?^#9+..B|J|B|P6V
M_00-7RH^97 _9F0K.21=2W*+1@5E|S7J JRC<+ ^G: <\$6\$!P^H! WA.O MLX|6RQ|U;339^C%ADACC6QF86-CT>@-XR+;RWQ+4.<3L9I^E9<* ((*,
U MG1= SJY|4U:HD1>1><)>TK\$+8)ZH9^0XIPW|)[^7)Z3>YZ ME|JW@N|J?< /C#@G)K892 _6Q+3WU|V^Z|:2|7J|J|C|I|SL^PKD&ISDPSL |CZU MA>8 D.T)5-
@\$*#NQB3R:P9|PSOLOOOC!;?.VIH@LA>E|JZV00Q8.HW37^WX< MF|51T M>S=XH|<#<^*YT^QQGF^L=+4@EQ9K9|IGF5^XQ:UHOP QRU:J|N|O M
M>|^I^@S@,^W0?F E|'(51N^ZHT1UUZKY9+~^R3 ^6BG6^Y*^@TM:5(ZD>;XNA(MRD40>M&AXC:SP=.*X;Q7&W8|J|I1^BHPS|H1 TP|
+8|A:G|O7G0O MA|J9I8AMNW6?;DZ.L3BVT|J|:JGZCW6 ^.%+|^J^<98WD^?JCI:5;25S MH7%PV&6.HQVD,<#W^R^N^X|L^|4\$L#^!|0 (*Z #EG?
LXXH"@, M|/((9 >&PO=V|JR-W-H965T%?| C|2E#;M=[^:QX _> M/Z|S8F>XDNI)SP\$>:XKH4?>W)CFS/?U9 XUTZ>R 8\$C4ZE|J9K^K9KYN%+"R
M%=65^P5|ZM>."Z18ML|N5#&4^U-Q 3>^Z\$5=, 5R 95WUPR^V=S8Q X MQ;|A,|@#<|<^SY29:2UR TEX(HF|Z|) |LG-OX-N ^AY7>:|KY%*)JNY
M+D=>8@&|HFQ&1C>C^&|K^J\$&W.J?73VF^F^W7|>M= 3RR#2,9?7 2S;? M>0.E#|EB|K^F2RTD?5:C 0U|J^V=; 784.0 MQGL\$T5H0 _N^K@6T-
=|J1M;8NF6%64.D5438|L|E|NS&MUP8= BG5\$XRE^G MBFNQ|&DXJ^R7>L^F+|,(Q7^B,Y(7=8, ^6B B^G9,01 ^|O+LG1^X|J^WR#" MS>1/UO-
==/-%>^;|LA^GA.'^JBV^\$?Y9P7@3E82NG;^4^N M1|W|J| _M|Q^3;Y _G^";V^FOLE|MBES-VY|3?W9ENV L^/GY8&M02O.+#NS -KD, Z=D
M^S3WCX|E+VXZ2LL@.*L|T|G^RM7);#6%99#3+TR ^LM\$[M^Q:.59&9|J MW|N^N.++>^4E9+^F8|I0NRRY^L3|Z&41BF1:D^RZ^F23)P0R8|9^0
(X5)=K3N21>N(M0U0^>X1|J|L+<^"+F.U|OUF,24IIL,3H^XR1|LSS9@00W3B3| _" M|J1D7FEOP16EPF|J|U9VP7G M^ -02P,\$% @ KH .65S|I83= @
Z0< !D |X;|JW;WK&ULK57;MLP^/T5P1N&%FCK: ^RT2PPTR89U0(80^*M3<=&2F3E+C|^U^RXJ6)Z|WLQ=.%Y^B0HLA1S<63S
\$4>:Y*^L=6KM3ZQK9E MD9^%Y15? |.=C(N^*IR^E2W7 FAJ0%51>XX3V4A4MF|6/S-J#B\$=|H|J^P8,@ M _^V?B.OBRIA^DO?Q2IRL26T"
(I9|13JCYOO#G.GX^F2W@IS9^4C6UX M;9%Q(DQ6O^F|44|6L^=^G7P1 ,C3#?^!V .|8\$+X|^!< WSC:*#NS:BB|4CP MF@AMC6QZ&8)CT.A-P?0M+I3
W0|J^KFOCV^*BP+D|^?F&67,V T6+4|Z32|+ MGSDW|1">D:WA^Y^F#!+&#W|J;N42N +^45^H8YZ&^65%&KFD^8PN?Q>&SX@ _OW=^Y MV.7V?R|
[%82@#4+0QQY/8%4P5K 5/M22L@2ZO&TH0D.A2|8V#OWAM>^|.VA M^Z=F?C08|F%K|JDKAH^4XZ^5X-HD@P,Q
MERZ6W>OH2|2IG1>YGN|JWPB;T6&OZ\$|9AC\$49Q8V 2QSC,|SDE.V M+|NB2^ MIY^C^F^NT3%6|@; ^'ARX -.089K9|UVK^?;0A-5H)6*2|@FWO.
M/6ZM(P _2?3|3#2 W6; _UKKLT809SW^11&439^2@ M^%:XS-4-WWR|VL _4|E |^E7LP=07\$K\$0W6^BAAU1^U^P |J|0 M^I^OC OH^ \$\$\$-
*"S12IFU-<<^1V|^I-TB8; _UF&G9N+|J|B<2KZ MSA5(= _QD#5>YH! _YZ PR>49>H _N;N?H|J.O,G2#^T(^EQ^S1(Y=|I;N^I07 M2:95\$O| DA M.%91)|J8
LD^WM6"&|J^>5074|R316K)S\$%COD_ Y _18|LV|X M^&(-|UEXT^\$G:"8QL^S| _T|B 3<=@:X44/F|;HJNGX|G=FX%|+ ,4PW29I@)2K |ARDNFVLQ6#%#E,(?

*.O*J M@>^~W?6NBY:HWFCP+4G;J#(&W3FV+VH\$*~&J%6=PEI# M=>SADV(@.T56TjP70)8C6I=)/]=JESG1R+; M1LT[PD:XVY.X6%@DAMO94H-KNHJ<~.M-%2>VTETE4-;J*%[8,K7D2A<|VSTMT0\$*~&#?5UPOF+IC\$C07G@>O4\$7D\$!10 (*Z #EG=X+2L (*Z #9 M>PO=VJR:W-H965T!CB"M MB:9V6j>J4;>^0\N4FL8I593M+J^F&HM!2M*KT!6QSS \$JQ]?HIGO&[!0: M0*!)(6I1B.*VVEW)S9MLC70+\$X91LHU94K6VPXX(4!T<+V">R*2:E ME:5F[9IG*=O*@!1PS9'84HKYWW,HV'YLN=;#P@U9K:5>L+~T@U

9J M9C'Z>V5(EH.CNO-SVO-O6>V?3K MMCQ%OO,1>8X7=, G ? IY KN&KC?AMM?*N.!UWC@&3[&Y>F; ^~J6AT*8&* MWUU**^J@FUK? P3.QP3F,+77)!/=6-F=VJD?K2!1!9RP6 <<^O8S>5H.[E M@ NK15!9 CT[V&7~4X2>5[LI;N4.730& D^J\$7)U@*]>@R3'HS? \$:B+9QK0.&ULQ5AM3[LPS/XK5C9-~"RUA8";23-;!K3F"H8FJ]"T1VYR;:PE=F8[+4C[M\JWZ JH: D61 ^~+&CN^Y>YYS+KZ.UHS \$1& 1+=)3,78B*1,3TQ3!|Sd6IR R M%*AZLF IP5(-=(4*0<| UO^~1R3PRDHUJN MKWRTJWZ (:IIRV<%AA EVBFVW[07B'C?@M5M]JFFX.[W6? UUU>%A)J7==JD=)=@?D=@-<[E>~"J-G3!|P4: M\$)S+~>J*[MH4J] &>0HNB2O~NRK)&YVE2E:='1HT5^~.SRO9-NOV/9;V4Z9 MD(@M5-U? M@D22Z0?7=^>+L^1 LQV MZJG8R'E-PJ-*PJ-G=LI39>8"DCGPQA+3"KFK2V^~^1V!U:0KJ0!]?N:'MRE MX^V^~^1V!U00? 5H(/=J|J2EGDX+*K5+6VRKK=Z:N: F352!ZPFMO5P7K1: M59ED) X7); _PNT@NVZI3M'KM#J FXHJ+SUUVIWB6:WQ5:777G077G MA=M6M/FLTLJ53N #;+=, ^T=Y;V?~VNYNPZ MK;K1Z~?EWC(+ M%+&~.RJ)5JF:MKMP;T8P54 LDVG17# %W+W^!>9+0@6*8:.\$@K<C5=9XT3X7 M |G2O*&<ZG:T PV AP"UPO4|P5C|GZ@'51_8GC_5!+ P04 " "N@ Y9 M1#(='W,# #7"@ &O 'AL+W=O3NOFVO=5L;545>BH;49V0A9 M\$6V:25;163-1 TLW2^PM<K'GZ"S^8_2@ MCKZJ?>5!B^~^V:Y<W M 244X+;5T0!|>G*JYJ60XO@U:0.07%.SS^~2O+^M@O> M!/- %MT) HF5>K?T4@~4\$=-.KC^(@P|JT"BR_@K15?<+*#H,M,J\$#1*BVJ06P!M'E;W ^3D!@C<|G!;~"Y5\$ Z'L NT)^O"NB6:Y L!#D!::^?G2YZ=OF ME&;9:S7THPRHJ/Y6IH=(? 7C!5AS4FM ZÄ*^(=:RQBQ5WUJ)6FG9JEEG-3** MK:1*~@9>W5!&U2MP>[~JBI;3H'8@'F7ES!9_WQJ'PWX.6?KQ: ^ M-H%:7+|8@KKI@PK.!/5/6U^!\$%Z :8(5 _RVJ!8>2HDX?Y;Y)YCC8,QQ MT/D+S C[]>1|?F^DXJVFEE?KB"KN"?[OGL15_K1I2T*5G2EI1N:=>_N(%,/7 MKB3!)F?/4A*~0GGO.,EJ]? **64OC3NI.8.V.4(1H3B\$~W) ('+&\$< MP?@T?\$: '1SH!2G=M^BIWDH\NNE: 4T:H#3 <3JE|>)90*?VA):B9@6@3QO;1!F| M|C3> +L;,-Q !,W9#)K!0 PI.-B&B&8~3(6LC|4@&A! "=-D31^~.B*#0W_M.J!E"&%@+EDW?SKRI|/!T?~&WNP**M6DXT+TRD|J(3D\$F4! MQC!:"\$V:G9!A\$QM@-G8W0V2STC[/F>^~.G=G>@,(\$93+()M|LP3N(P.E-O M^ZX(^\$L^/0*/~NF, O@O)C@'464H6""ZK *@OA)28|V; ^B^H863?<0>1#: M/&NZSYUY>5)I#&PO=VJR:W-H965T!Y MN>?8N4XW4MWI6M#R47>N2MC*%?G~_G*RBI/I\$5"%Q92%52@Z%: ^K120 L' M*KDQ!4'BEYO)+TO=W!EJ:P-9P*FBNBZ+*EZO N,R,O)JXFKMER9>R\$GZ45 M7<(,S\$TU51CY4O!2A".24\$4+&;>>7@V3FR^2_C)8*.WQLQJF4MY9X+8N0% MMB#@D!O+0/UAC%P;HFPC/N6T^L^8:;XR?VKTX[:IE3#6/)?) [""K\$;>|X|4 ML*U_-]=R!PU:~4/+ETNNW9-LVMS (WFCM2Q;,%90,M&|Z4/KPQ8@C%_1^T@ M>BU@T (3F3A3F9,UH89FJ9<HFPVLMI?|!|A@N4W=5A=G1N\$J0YS)I@H/A#~/ MQV3*J3^\$SBH)\N:J9A3O51&,IM%UXSH3!!%+!5J3HPD8RKA^3SZ0&9ZNHN9 MY()<~.SW\$?!|SK4&HFWJ9C8A1V_?A||FNV7_.RMJZ*+~WJA@N^~.(&#X)A\$ M013WP_P2X1|(\$1XZ^& 7J-3G5U19U?D^8O\W7?>?L#T!FE@5+ [|I<~.?] MW/9 /=,5S6'DX0^!O:W!R|Z]"9@EO(|SR|UZ>G<9>W4V/L% MY1Q4[[|L]?K;?3D0V8[F8:=Y^!^Y _"O-AR(;>&I+ A^??CF;SR>#/[ZS^> M_E83MA? @%55+&)C3AL\$!D M MOJ|NYL]^~P-02P.\$% @ KH_6&ULK53?;|P\$Y7+#+.A31!S?K0%E232U@HQ!*A: M*3P@'MSDVEAS|&[?COL9TT= (V|8&7Y,Z^~|[O|J|,EK53W@0PZ*B0J>X M-.*>\$Z+SBJJ|KV0-PN|J|JHL:~\$|UTKH(4'59Q\$03_C%64^9XE?6ZDL8WA M3,!*(=U4%55_~H#+~L4A/B|TX| MT|3_4_O(L^KMUJ|V5_,"|A^L_&6*WVW4P(XVW-S)J|B|T>J;_Y+<~^R|J|N|C! M|E;T|496/=A64~1^>E#?PXG@'#R!#"#J]=%+ 7\$A="~NLJ"4U-~N4;)%R MT9;-&?Y|~J|8<+~XMHHN|LLSF2?J2C01@/R|Z=+,|1Q?8>H,UZ MB<|/+M_98@)J]*V6C+4(GQ-CDCH+D?;*+E^T1*)/C;A"<7")HB":C_7S!_7 MD%MXZ.'Q8SBQD?=?T: |GSRQW2CG|=;91MJE|JCTC|NR3B7>VAS7?,<4FQ? MD@9U |R|?A7.@O=C00|3P2/9|2 [7HZ|D|U8V;|_@%F3'#_,O,L;A ='A/U5|CZBL+~PX.KM%?!"TC:|J^N6VEL|WNS MN,.)E NP^SLIS=%Q+V8>E?4D!#1!0 (^Z #EF@A5_>3V('&-& 9 M>&PO=VJR:W-H965TA*5H%\$A)?^Y[C#*WLFNS1WCCGFCM"@[,8EJ|JHG?>CJL <8A<|_[@_RT@Z"! M=HJL|F5-,LE6)'L,E&-C.PM;%H=~,|JQ876N|JOYS..M/J|('<*B'U_ZHQ| MPI-S,@=-&5>GY)PL|_P4#0|K|/O M^Z:Z|(%W1GS/#P? @L^/P.>0("UEX|13N8@7Z,OA|J+7S+&?SS#=#SEUZNETA+~/ MV|A M0=NR.PFY4 K<4L36QK3+&99Z=!=|>INJTW,Y 7X)7|SGNB,^QUAL=U@E(3 M7@PO=VJR:W-H965T\$Q\$SMV")~.1G%>M?QHJRI/+7.7"QGCHGSM;M\$5L6V@RXZ:2F2YB!|QJJO)?;<7B5C)52^B8I(R*?_V6+~FVPE?&;S51IN8 M3.9")C.^VSJ>,80<%AHHT#QM8(+X-P(H8V?G;~3(TW@9OM) _=KFCKG,J8(+ MP;^Q3!~39^R0#'+<~TGUC? 0Y1.;087@RC|J|NIOK.631**W*~A@=E^QJW_2Q M6X>_-J (<#O GSKNP59EY=4TWOBQ9I,QO53..F./J1^*O,3YIEB5!9QNGT M(ZTRZ4-T9M+31,~V"N0* MG3-JY|(>|VJ|C1ID#N\$K'H3 &J;L!V~B?C7|;|HB%8 M&Q^?~RSL8>\$N6#P?> >|13TLV4@;#|B&B?6|Q*XMWP9(A6+P;~S#QEMA7PK MHIQKD>|J3.DGWA>(\$Z&H4D3;9#A:9B|<|VY9|X\$=QG/S#&~ULE91=-.JLP%(; BM|@;%|BQ|T2D=F&I%G9'H70LNUB|*\$Q3V)1 M?7B27?_?OIPO Q2L|JW8.M)Y7SW'UE'62?6D:P"~#CIP|G>~F&891;JL@_1,J MD0T(N|*7BA-C0W6!(=* 5%|[\$693\$|2+BA I<9^YNJX|,MH91_5N%=,LY42|K M8+~+~+|12?)A|HKH39N|BJRAAS@,\$4@-~4"*=CG>#5=KNRD+~|ERK'L0,"|J5Q*U'L2^GN&\$&~&~&L~7|XF+~9WP?QRO_6U MVUIV1,~-9- J19>HH4(;~2F|KX;~&4Z?>99*RY2XQ*WF@=C)7C|;H7@I3: 15%#1 M8K8LU^6G,C6R:CA72LFF*(VO4|)(GLQ&= *@T7|7I|U7Z8|731MDS|?~2|<%I M=MG)) 1=OWTP7|<<1SMG_1MS+TZ\$!A2_Q#~:N3M\$+*\$*5' M..8#QWS4*7RO*MI!#&Y1!R=G6L_MZN"[5Z-2ML*\$(S|, #A?*\$O3%G_1PN|P3=!:| (P9*XTGUQ98ABX_@9&~JY*= M+~;G +~"VEQPHEV77J|U^4^ V&*~XC=02P.\$% @ KH_6&ULM55M;JHP\$XK5C9- MK33^*VG+(- [JMIIE5!9MP_3ICD(19.G.D.T| VPD140|J)O8E|@G MSCZ/MHRO10H@T2ZCN1A;j93?T+9%G\$*+19|5D^N5)>_9ELKD*UL4"!B0!FU M|<<)0R3W(I&9F[&HQ\$K]24YS#@2999A(G+E+W~EFOM|Y|^I5ZPHY&|5!| M^1.S;~/*LAN6A&20^UJQ&Q&SYM CZ|PTFH_8W#=#P;~<3!&6LF"L;4V^T^QY>B M@\$(L-0-60PU,@%)~I,+X77~:S98:>#C>L|J|9|4K+ @N8,J#)#(=[6|<62F") M2R|?V8>:CT#S1#7~1 (K2|SLJ98FXCF5V19Q|W8|_#DQJ\$5&1+K^LXE5ZM\$X61T1W:0H"D4 M3!~+~J8@:~.B\$O707!V8!2^!UO7KH>3Y%>|O1|94(6@B)3ZWNZV~VXYL M|Z7_~|A~W/B+~|8(.^_0T?JQ@KL&K^AMA+>J/<~J9|A|P P=^XIZMR102 M,O&K2V;~W3S2JLV!% 6.86RINR6 !,"*/KQSO^=3E^@SD;52X#>Z|60%\$31Q!~?C2CE [P6P MOJ;Y6EW-NC"D^V=Q:E)./?%N5,9"WQ@T;|X#^=R|SY4W_FLE8*PB8%X;^= MR _Y_~U7_>YM ^:IWZX^C%2D5P@~"DN%~!7?@N|>@P|O|+~^J,~%DZH|FV&J MWD_@VD&M+QF3>T.WZ.9%COX 4\$L\$!10 (^Z #EE#~.K);_~. 9 M>&PO=VJR:W-H965T&SG9B(>|Y7**8.90%*1;EY#SS<0+O>~)6|+~E)GPXW&~EW^FZLQ M\$WKDURIH< DX0P)6\$R|B_!|&O8-P.|X1F C&|_2)ES? F|U&G\$~XQD\$D\$.B M# 76?VN80IX;JFW'KXK4|!TP:~\$S_ M^UZ+~F6,4YY_JZG^MZIAU8X%6N M;OGF U2"!H8OX;FTOVA3|AWI\$Y.55)Q68#VFA)7_~*%R1_@>=H!406(G@& M+P|Z%:!GA9:665E76.%X+/@&";~LYD^ZQN+UFH,(V&|4T^O\$HU3|6>N0*(9 M? L3S(XO,~M%TD^A<L_52N^EZ|PB271^~@8?;V|0H<1^~@ 8~:~9PE,4OE MVV%?%LH|J)6YE^6PYT0OG#M\$~9R3JZ|U+~(W6|3|WX,(0^~H)M2>B)T|<1D|& MCRMV@GK|&Q0Q4~.~{?1A~(NRV|YS"G5P>F9_EZ_Q[8;..37D;7^JCV|& M MDJO?SF4^!>>R P,E,|VN2Q|K|_1+7K|A|U+9~:~\$D+~|+M>R^BSV^!~D\$212D M*,\$R;J-.\$@PM@?E*~K>~>61B, 753PY^~;|E%CTXYM@|JV@~.VJ@+~J4Z|J4\$KU0 MVFP; %L% RBY|U| I|/R|8-ZRM& [5ND;~"W "[=VA- %B?/OLG2\$=F.Y%M M>=3A.S+J4G9'9#NR3VO9IY(SP1A)2EPCC#E*Z80EBCA|Y|+<~"1_J4ZNX MS0LEJ5DCJX*3(@&SU+4: <% ZCNK|9TY|=T01NB*G/8R;|O,~LVBVQ;~!ML; M..@PBRNRCIIWQ;8KO5!A,Y(7S,%FE<~+P0_8M811>F(5NUNMB\$Z!"S:BI&I M&_F_J.MSLB=T? CAKQGMIM@|L|VQ|OK>~%B|AEJ5+V&GYTA7;KO1M_1^Z*YA M<|K~M%Q~;!7!|.XKTV^T\$;38TG96YEK1|T093=2S=>~V87L6?|N|;UNL%@2 M)E\$. "PT-3D:ZW!%E-U4.%|JL0S+G2K&PO=VJR:W-H965T"3:1/5 ML8/M+~M_C^UD0RNE51|X23SVG)-SQIF):BX,~@-0Z+F@3,YPIE0Y=1R99% 0 M.>0E,^VRXZ(@2H=B|A2_3DMJ*~.|[ICIR YPW~D|J|8BCBGE;Y@+9^LBH*~ MEPS07L^PAU|W'O~JILR&\$T?;_#3|2Q| M1^M=>|J2"4M.^?~:IRF;X_~4~J2BZI^GZ\$U,S)|~?2/E=KYH8)954O&C! M6D1&L^9-GMLZG_~|~+~P^~K8"@|036?;|VEH11>)(!|H)DZW9S,+6QJ^M UMFYR96|PHH4|JSC5|Q-ZY HC5Y(5L^@PSA!S1|B@580F@YO1N18KD5-ZC=KH MWRBM**^~!O=|@^!AILT|W;^~C1VFYYJ-.TDI;~+~|J*^~5R|O<|J^ET_!(\$O MK|_7D&BX9^!..=S11>HJY7>5|BU?<(^OHG/T:[Z52N@?|G>?R88U[&5?J=*T+~E(6W^NM|)[%?F MG+2>~7M?B=CG3" (*.PUUAY,1|J)4V@>~&F|<~ULM5==.YLP%/TK%6IN|3EK+~R|M@M0FJ|9I:E:F MW1ZJ/3CDDJ_~IK9|VG|_VU_4HH6B3XDLK;E4P|WQR_L5T|J\$+~ #~8D^1,0^7J^11:0H2+A~2?7>H1+F M+R0)4|J|H618_1'!8,\$|2"BP82_L_5/52%V~\$*S#L'J_- NP8"NA969* MU A1B3|S|(PHV2(JHP6;*C~*+10\$V? R&.>TF7!?RZQI8=0TLQ6>_P|VT4|N;|(SE.(2Q)NXR!G0#6G#TR1P8YVVZ>R)K5,&NJV|WL0> ">)N*~TJ_M_7FIOTURR3- 0/|(QLODLQO:~B<_8|,KIR70M3SQ|>O_1|J.G:K3F~J,DK"@ M(|XF7|)[9#>9_8YPP=^|~#Z0|HZT\$U4AYZ4#V1~=-2[M7KWX^S]JEF%GL@:51C4_M51CT9->2QVW8U%~,VS7V|~H2Z|JFZ9INNUI.E6O,J7K+**8<5J7+CV**Y M^?KV6,2Y,G~79SMY#SVMGL@:)?#K\$O@?YUF SRKT1~.HPK~NPK GSP|?6M&V M4=7|H B@TY|=-(>>3%|J3=\$[C9#Y<1 M MN|NJ|J\$S4J|MD~F9J|Q@?KTHMU_>~J<_?VE&G&5ZCF_O.57?;63E6|0- MJLX8RBK|2_~4T|8G9->3GA)%>|J8)PT2FKX5|J\$ "5>)Z1 A_F&PO=VJR:W-H965T M1A#AGF7YD#DRHJR#_MILK7)&*E,EI2^*~.~+~8L%1"D\$ K%@.5G U-(4T4DP_A;<1KU ME@|JX|JQ?~*YRUR6F_.4IC^32,1CBV~"~%~X2,4CW7Z&*^!^X@MIROAUV:~ MGFN@L_~9A581!EI|SBU|T/8#CG X%>J|SQ!S-2 31(="Z4~19.+LL)DXK>="=)~%SVT&.Y3CH>1&@ZZN; MAKBFY|J_O_!J^UV?~35S!.[A<2WU^N^N\$J|V=^H7|VZ@;|AR;_#D#<6!; <#PE5S679/RER0+~+DDVNQ#905EZ=5EZ M>;>Q5680J2P1+T=^#IEJTTIQ;BTN2!>T)VN@~.~N2_4)!;C>KV7OMT8U9PD) MDQRG(&~T*)|9+~!TPSJM=WX V=@C7F691^Y!;W1G^M>+~T1V M(Q7^~>U^G=|2"%52X@|I| %8EA!^7_0B!^J4A~OK8RGGMT+TD6E&2VO5<~] MJVNYNM&~ULK991;YLP%(7_BL6FJ9760H"0I"~.~(Z~I MG5HI:M;MH;J# ST|N9Q^0PQWCCR@|D.B) MDEQ;K53^XL^V19P^Q>* <%69^K)VO&~99JRC|~V^*C@Q|HL5W~6R^LJR^OG-O.MP.OE9D.2PX8B6EF^~^!;J4VM@/(=~XRS:JU#?L*SP!8@|XV!\$S.[<4DR M^"KVG(6(XXK*? 6Y|'%~*+K3<~W#~9B;XPTR8JQ1SVY3J;6HQL" K'4#EA=MC # M0K21:N-7[6DU?ZF%~^~GJR^&7;~LL(9(S^R1*93:VRA!~.X)/*[:Z@YAEJ MOY@187|1KJYU+~I270C).BU4~.NK*WZ|JUV%~;|/?\$+~BUP^VMP^L%G@&M.C-8 M^2;[V|Q]5>~;^E0!NIN9 Q<|VN.K;~W23K^&~%* 4TN|9P+X~J|SHP|M!X^QJ0^W M| #<~|+O<~?~J&IPHK>W#~;3H;T_U_99^03&1W|JMI^G^~X|4|)[VX+@~PA^M^X)ZG0E6!|B84.YE^N\$6Z IZXPYV>AZ|@SV9>~/&_QAK\$|J|@G>D|D!>~" M!V^_.J?#=\$M?&[9|T75@1_X;GMT1PW|J|A/A<0E_SUJ>V.T.V;S<C|J|W MY_->4SON\$[PGLP/P20,^>7~J.QV.2.WDOP~N.QX\$% ^?T~I[9PEJCKO%?).I M(|98*Z%S/E^YY|79J|I(5ICCQ8I)=5@QPU0=)X^K_O5|S9A|GN@32W~C?X" M4\$L#!10 (^Z #EF=^2'7@0 (L8_9>~PO=VJR:W-H965T\$E.^<(62TYPH\$%);"/Z^Q|D|CJ@U>~EKCWPR8J; M(TH>_1!IDF#^=D~BMAI;T%|?> (H6HNSNS2)8>20D7\$~M_.ID/K:NX=44=3..!0%;1%B:=~PRE&?&7K*3NVIL.F(2\$QD5E@J^?%~B2.M_R6E?N4?>VJ_WJAFXRDR0!S7=M-S3:~;7NHKL<0^~5QJ MK16\$OQ|K|N~WL_?U1(K;~?\$_JTSN.?ZES/#CC+P)-G?H:8=LP7F=N(Z' MT+~WLE_K;~>FCF~%:(G2- "J|Q|6G_9TA\$B.D"?T@R3|AC0_~7L@SN1 MV09UKZ3NG6>|JDZ)2R*S#~Q^~B=|W|O0^+%,>R3>@UE/21&J6?TKC#D#H/6A8 M1G|XH|XEW*%\$&QA|_EMVY^G41H"74L(O:[G]-?%) M|D|TMH;WH1F=BB)!|V|CO&\$=Y1M802(<~3FHY_0AP36F@|J|?FFMN|C:L M+~E.QW+W%U1SIVA;J\$#_N_~4!G4BP-TNPBZ;)0%V%=~%E2QH.(FT\$B|BKQ|V5L|JNC\$;M\$U5 NS M050_@%|B|_%. (|J)? G^8#~H"5GD)F?2KH|JR1W9_13\$|M_6KXA_R M9@US1=FC/7PQ:_O_1PA^50A^YA|S9^TIW+9KC;==~|R|M|J6|D@IR1YA#~DUA M4:U: ! [0V;Y:19QZYM|ZIIILM|X^X+~4RW_DMKY8[==Z?)FNFN?;|^8 M+R^UQ_9DKJ1.IZ|&RO.=~[Q\$J7>~/YF4K)\$X8\$!X1G#~3W<|;D^B3KH/S_ MP^1?

[illegible]

<. K41@L8AN#9"V#A42[?KM5?%15CAY5SP\$Q+&M#F T M0\5^Y0U\4;:S9'L\$?7@IY8;+!AE\XD>B4#;,% N" B*W, WD. 0>;2\$ODS(C MB. 1"DL:(\P2%-&L5"!=[JR"68&C#7/BU+A*Y>H],:U" ^VYN*YBQCFO\ MS>Q6]>R\5V;GHX^Z^:3.EOB\JYVW%[9/AM/O=5G0*,WG.R \$=6 /FPDTK. ?&72P\J MP(\$YL#X[9[+ ,5E8<#A*(H[\$6G\WC3MR?C!IVOF38-2UZSS\$9MDR&@ O@2U6-(.7QD0@HKKIR M-9LA:39#W,E\J?>"1%"TIO\(:8-F(BFY1X:X)5AT2[#-C-U:@,.,>Y,SKGW+Y:Z-AFYEW7(9!1>%)?;:-(/=T&#W:G0 MYTOY&# ^YL5K&(^@N:M\JL6?XNC\B,6!PA\ /MR\Y". ?=C4\$W4W5;JHGA1M1,[K\ Y\1Y3:%")T ;P?<~Y.K H+W+N P74L# M!!0 (*RZ #ED;:5P?KP(#D(9 > &PO=VJR-W-H965TR M H%OUE*5U. !5;7Q=*:"Y Y7<#X\@PB\I\$UXR=K*%2L:R-IP)6"BBZ\?DZM<4 MN-Q-O*W\JR36&LP\$ &%=W L\$R7;?#T3RV^DJA M*X.=C@3&E*RCM\^9A,O, Z\!PR8QDH/K8P \XM\$;KQL ^7T.I,6>'C>L\JW ML6,L*ZIA)ODWEIMBXEU\Y(^ *D6SEN "JUO8G>)2ZFA MR5C)5%6&JGLP67?H3%?3- @^6\J%,QGB3#*G2C"QT60\BBP+JH^4N6V)=YS8^(-9E2S3)"14Y2QFL#.3G\+ #6\J]7#,9%G5AKI>.%N@1)@"#.MH M0 N2^1\$;13VW#49A?&SUN-IXW\XB,<1N9^!LE\!@SUZ4P MW*=P&IXD %2+ 8F^-R0,PKC\G\G3X5%?./JG?/ /UH^2^77\J%#F^Z\!&TPWS MET\Y?YK21N^L^-7%HWAN^PG: MKI\7AUK\3V9U\QTK\$57G.=3A.QP\$ +2U. ^M20TR60M3; &G;3;<J=NO#>0 M3X>CV;.\'GN\>;:8' IFJ=Y0M6%"\$SPYK~!4,+G%4\J9V1-1)5\]+@7?)" M G<[*N \]=2FOW%&NC^+22 _5\+ P04 " "N@ Y9OXVX1X" "M\ M&@ ^AL+W=O&ULG93=CM,P\$5(5?Q3(2 @G5 M:9HMJ)"21MKO\2B2M5K8 +Q(6;3!-K'3O8DR9Y>VPG#44J0">"F\=AS\I\J)9Y+V MVCS:&@&4R.5S6B^X*YX8LT4-#;!E\$C61Q%2\9P MH6B>AKV-R5=>H10^H;8KFFX^;4&J? M.SNEI8RN\QOT&R\ 65\ # -JNC(O8 M1"E %H*K8B\I0T9OYZMVUXO~PEU\+F%.RV. B1+KC+ZAI(0#R1N=?1 QGIN M%? 0TH9? T@^YR8*2HK.HFU'L^#1"#4 _^+Z',X'C7!;\$HR .OH>+@LM\CCQ/ MC>Z)\=F.YA>AU*IVYH3R\H.C3L53H?Y\]"5X6TM"B\]CDNPA*N2[*!R;QXM M>7\$;R(6T+U+&[CHO8L6(7@ _H^! _H)7G0"FM+W\JD2RK US-F0UN4;M\J\WPO@;CQ-IR%\JH@=?% R.M\N LVZ/3? MI^QX;H"=M5 #I@J<8DFA.X5#-TV\TXS>#BW\X)WT8Y=N*J\$LD7\PTFCVVMUK MAN\$8 M1M;B\1M?>85F\|PD8G^#. #UKC^? 73% H^=02P,% @ KH . M67Y\J\A^? P NA IH ;\R;,"JW\WK#,% #!8VI9BP8([W5X42V4+9UFH)HD';?QJ0D\? D:P\GWE9GBC\IR< G\VR\J\OC+T0AVO3Y.D>*L*OZ %J M^69'646\$'+ +E8;:\$PYJ6 Q29V*^,T\$ 9\BQ%& IZ0 H#N0I7DI+WQ%I\6,E\Z MY\06G5CNH^K\J\I-ZAQQ(9"<:8'3'9RQ #IC<#N\^)\J5<"? +UW\ZP3-TO2CZAZI4 G\$SLRTV\JMNW G MF2V\Z[ZB\JQPE=0;9A#Z>U LS>E/ZLG>H? K9\|Y4\SG#\['G.GOL,[X49\ Y\J4-W BK^82H%VD7P)"*JE\%S M TEA9-.7 /QTM63AIZ P@Q(R -L 1>@*WOLX>&R:2A:8;6 M\$W^@ *JW@#?K@JA6P\$61=GEZKD3U\Y%?6LZZH3%.F&))M@&@&GX?#?]\% Y? M9Z1TPF*=L\$03;!"IH(j4H+%PM"SOLA[8GB. Y>ZH<\$P8NC;VL!^ _L?7AAA; MGN,%(V(R8>@Y? 87UG3A"L.A+,.N*L%L+JYTO17\+G\J4O\UIS4"8MUPA)_ ML\$%GU%M^C>BQT1DHG+8)2S3\!I&RK;?^P\J)8/SK8Y<^ _C<,PP,&H?DP8 M8L=AA*K1#P%;\049U)ID"8FES;XVN'^>=+&5<#RI@GF**76K07YWZV;[10 MFO9R_ \Jk7Z_MB?E8->9[_ >\$; (OZ>+R0095)>SD4M95(D=:QOE=B#HH>D\$ MMU3(OK)YW _ "D#^7YJ3@+U+JORNBU+U!+ P04 " "N@ Y9:%I0^MRD" M #O@"&@ ^AL+W=O&ULK99M;YLP\$,> _MBL6F\96V0"!)DRY\!:_Z[1(5;MN+Z\J]<."26,4VLTV2[=/_H2&BM)VX@WX MX>[G^JL^OO&.BWN Y5!H3Q,F)\Y&J? 3<=66T 8IEAZ? ,R^"XJ5\H\J^U, !M.+9.-%\SQNX%!\FA&,[B=7",<[40AA<="20S2K^X,X6\$R9.USD,7\U01ID! M-QRG> TWH&\3Z%\;DF)"04F"6= (P&KB7'3/9UW\;#B+^P1V\J3)0EY ^F M,DB3@%)\QWN0Z&0."I-G\J\Z9FCD\>GHY=I5 YOIX9BJW\WQK""F.W7W3L^A2 96 ZK8J\ 7J4>83/9)%C(VD111-8.C\J\$ P?G6>+J\ M4BG 4?@ \PG->+!; %V\J#WE1L)K3\DE6\$7LH\0!;"^W\VVJ;@E647U6\JCYK M\.(9%RD76 %2> (J,HTYN\$AA9AKDSL)"PVO-H"581.RK%CMK+PE&;JEN"551W08-KV&LA+PM(UZ^DF_] ME(?FN5\ND>E P6QMA651\!F\JOZ*TK- HN;*WR:'QJJCE;DCQ@|E)P@<6;M.(D26&FDUSG3?SB15U>Y1 '4%BA+KG2Y8YL,79%", 9Z?L6Y.G3, F6-& X# M4\$L#!!10 (" *Z #ED^8AK?UP(,<*: >&PO=VJR-W-H965TR M H%OUE*5U. !5;7Q=*:"Y Y7<#X\@PB\I\$UXR=K*%2L:R-IP)6"BBZ\?DZM<4 MN-Q-O*W\JR36&LP\$ &%=W L\$R7;?#T3RV^DJA M*X.=C@3&E*RCM\^9A,O, Z\!PR8QDH/K8P \XM\$;KQL ^7T.I,6>'C>L\JW ML6,L*ZIA)ODWEIMBXEU\Y(^ *D6SEN "JUO8G>)2ZFA MR5C)5%6&JGLP67?H3%?3- @^6\J%,QGB3#*G2C"QT60\BBP+JH^4N6V)=YS8^(-9E2S3)"14Y2QFL#.3G\+ #6\J]7#,9%G5AKI>.%N@1)@"#.MH M0 N2^1\$;13VW#49A?&SUN-IXW\XB,<1N9^!LE\!@SUZ4P MW*=P&IXD %2+ 8F^-R0,PKC\G\G3X5%?./JG?/ /UH^2^77\J%#F^Z\!&TPWS MET\Y?YK21N^L^-7%HWAN^PG: MKI\7AUK\3V9U\QTK\$57G.=3A.QP\$ +2U. ^M20TR60M3; &G;3;<J=NO#>0 M3X>CV;.\'GN\>;:8' IFJ=Y0M6%"\$SPYK~!4,+G%4\J9V1-1)5\]+@7?)" M G<[*N \]=2FOW%&NC^+22 _5\+ P04 " "N@ Y9OXVX1X" "M\ M&@ ^AL+W=O&ULG93=CM,P\$5(5?Q3(2 @G5 M:9HMJ)"21MKO\2B2M5K8 +Q(6;3!-K'3O8DR9Y>VPG#44J0">"F\=AS\I\J)9Y+V MVCS:&@&4R.5S6B^X*YX8LT4-#;!E\$C61Q%2\9P MH6B>AKV-R5=>H10^H;8KFFX^;4&J? M.SNEI8RN\QOT&R\ 65\ # -JNC(O8 M1"E %H*K8B\I0T9OYZMVUXO~PEU\+F%.RV. B1+KC+ZAI(0#R1N=?1 QGIN M%? 0TH9? T@^YR8*2HK.HFU'L^#1"#4 _^+Z',X'C7!;\$HR .OH>+@LM\CCQ/ MC>Z)\=F.YA>AU*IVYH3R\H.C3L53H?Y\]"5X6TM"B\]CDNPA*N2[*!R;QXM M>7\$;R(6T+U+&[CHO8L6(7@ _H^! _H)7G0"FM+W\JD2RK US-F0UN4;M\J\WPO@;CQ-IR%\JH@=?% R.M\N LVZ/3? MI^QX;H"=M5 #I@J<8DFA.X5#-TV\TXS>#BW\X)WT8Y=N*J\$LD7\PTFCVVMUK MAN\$8 M1M;B\1M?>85F\|PD8G^#. #UKC^? 73% H^=02P,% @ KH . M67Y\J\A^? P NA IH ;\R;,"JW\WK#,% #!8VI9BP8([W5X42V4+9UFH)HD';?QJ0D\? D:P\GWE9GBC\IR< G\VR\J\OC+T0AVO3Y.D>*L*OZ %J M^69'646\$'+ +E8;:\$PYJ6 Q29V*^,T\$ 9\BQ%& IZ0 H#N0I7DI+WQ%I\6,E\Z MY\06G5CNH^K\J\I-ZAQQ(9"<:8'3'9RQ #IC<#N\^)\J5<"? +UW\ZP3-TO2CZAZI4 G\$SLRTV\JMNW G MF2V\Z[ZB\JQPE=0;9A#Z>U LS>E/ZLG>H? K9\|Y4\SG#\['G.GOL,[X49\ Y\J4-W BK^82H%VD7P)"*JE\%S M TEA9-.7 /QTM63AIZ P@Q(R -L 1>@*WOLX>&R:2A:8;6 M\$W^@ *JW@#?K@JA6P\$61=GEZKD3U\Y%?6LZZH3%.F&))M@&@&GX?#?]\% Y? M9Z1TPF*=L\$03;!"IH(j4H+%PM"SOLA[8GB. Y>ZH<\$P8NC;VL!^ _L?7AAA; MGN,%(V(R8>@Y? 87UG3A"L.A+,.N*L%L+JYTO17\+G\J4O\UIS4"8MUPA)_ ML\$%GU%M^C>BQT1DHG+8)2S3\!I&RK;?^P\J)8/SK8Y<^ _C<,PP,&H?DP8 M8L=AA*K1#P%;\049U)ID"8FES;XVN'^>=+&5<#RI@GF**76K07YWZV;[10 MFO9R_ \Jk7Z_MB?E8->9[_ >\$; (OZ>+R0095)>SD4M95(D=:QOE=B#HH>D\$ MMU3(OK)YW _ "D#^7YJ3@+U+JORNBU+U!+ P04 " "N@ Y9:%I0^MRD" M #O@"&@ ^AL+W=O&ULK99M;YLP\$,> _MBL6F\96V0"!)DRY\!:_Z[1(5;MN+Z\J]<."26,4VLTV2[=/_H2&BM)VX@WX MX>[G^JL^OO&.BWN Y5!H3Q,F)\Y&J? 3<=66T 8IEAZ? ,R^"XJ5\H\J^U, !M.+9.-%\SQNX%!\FA&,[B=7",<[40AA<="20S2K^X,X6\$R9.USD,7\U01ID! M-QRG> TWH&\3Z%\;DF)"04F"6= (P&KB7'3/9UW\;#B+^P1V\J3)0EY ^F M,DB3@%)\QWN0Z&0."I-G\J\Z9FCD\>GHY=I5 YOIX9BJW\WQK""F.W7W3L^A2 96 ZK8J\ 7J4>83/9)%C(VD111-8.C\J\$ P?G6>+J\ M4BG 4?@ \PG->+!; %V\J#WE1L)K3\DE6\$7LH\0!;"^W\VVJ;@E647U6\JCYK M\.(9%RD76 %2> (J,HTYN\$AA9AKDSL)"PVO-H"581.RK%CMK+PE&;JEN"551W08-KV&LA+PM(UZ^DF_] ME(?FN5\ND>E P6QMA651\!F\JOZ*TK- HN;*WR:'QJJCE;DCQ@|E)P@<6;M.(D26&FDUSG3?SB15U>Y1 '4%BA+KG2Y8YL,79%", 9Z?L6Y.G3, F6-& X# M4\$L#!!10 (" *Z #ED^8AK?UP(,<*: >&PO=VJR-W-H965TR M H%OUE*5U. !5;7Q=*:"Y Y7<#X\@PB\I\$UXR=K*%2L:R-IP)6"BBZ\?DZM<4 MN-Q-O*W\JR36&LP\$ &%=W L\$R7;?#T3RV^DJA M*X.=C@3&E*RCM\^9A,O, Z\!PR8QDH/K8P \XM\$;KQL ^7T.I,6>'C>L\JW ML6,L*ZIA)ODWEIMBXEU\Y(^ *D6SEN "JUO8G>)2ZFA MR5C)5%6&JGLP67?H3%?3- @^6\J%,QGB3#*G2C"QT60\BBP+JH^4N6V)=YS8^(-9E2S3)"14Y2QFL#.3G\+ #6\J]7#,9%G5AKI>.%N@1)@"#.MH M0 N2^1\$;13VW#49A?&SUN-IXW\XB,<1N9^!LE\!@SUZ4P MW*=P&IXD %2+ 8F^-R0,PKC\G\G3X5%?./JG?/ /UH^2^77\J%#F^Z\!&TPWS MET\Y?YK21N^L^-7%HWAN^PG: MKI\7AUK\3V9U\QTK\$57G.=3A.QP\$ +2U. ^M20TR60M3; &G;3;<J=NO#>0 M3X>CV;.\'GN\>;:8' IFJ=Y0M6%"\$SPYK~!4,+G%4\J9V1-1)5\]+@7?)" M G<[*N \]=2FOW%&NC^+22 _5\+ P04 " "N@ Y9OXVX1X" "M\ M&@ ^AL+W=O&ULG93=CM,P\$5(5?Q3(2 @G5 M:9HMJ)"21MKO\2B2M5K8 +Q(6;3!-K'3O8DR9Y>VPG#44J0">"F\=AS\I\J)9Y+V MVCS:&@&4R.5S6B^X*YX8LT4-#;!E\$C61Q%2\9P MH6B>AKV-R5=>H10^H;8KFFX^;4&J? M.SNEI8RN\QOT&R\ 65\ # -JNC(O8 M1"E %H*K8B\I0T9OYZMVUXO~PEU\+F%.RV. B1+KC+ZAI(0#R1N=?1 QGIN M%? 0TH9? T@^YR8*2HK.HFU'L^#1"#4 _^+Z',X'C7!;\$HR .OH>+@LM\CCQ/ MC>Z)\=F.YA>AU*IVYH3R\H.C3L53H?Y\]"5X6TM"B\]CDNPA*N2[*!R;QXM M>7\$;R(6T+U+&[CHO8L6(7@ _H^! _H)7G0"FM+W\JD2RK US-F0UN4;M\J\WPO@;CQ-IR%\JH@=?% R.M\N LVZ/3? MI^QX;H"=M5 #I@J<8DFA.X5#-TV\TXS>#BW\X)WT8Y=N*J\$LD7\PTFCVVMUK MAN\$8 M1M;B\1M?>85F\|PD8G^#. #UKC^? 73% H^=02P,% @ KH . M67Y\J\A^? P NA IH ;\R;,"JW\WK#,% #!8VI9BP8([W5X42V4+9UFH)HD';?QJ0D\? D:P\GWE9GBC\IR< G\VR\J\OC+T0AVO3Y.D>*L*OZ %J M^69'646\$'+ +E8;:\$PYJ6 Q29V*^,T\$ 9\BQ%& IZ0 H#N0I7DI+WQ%I\6,E\Z MY\06G5CNH^K\J\I-ZAQQ(9"<:8'3'9RQ #IC<#N\^)\J5<"? +UW\ZP3-TO2CZAZI4 G\$SLRTV\JMNW G MF2V\Z[ZB\JQPE=0;9A#Z>U LS>E/ZLG>H? K9\|Y4\SG#\['G.GOL,[X49\ Y\J4-W BK^82H%VD7P)"*JE\%S M TEA9-.7 /QTM63AIZ P@Q(R -L 1>@*WOLX>&R:2A:8;6 M\$W^@ *JW@#?K@JA6P\$61=GEZKD3U\Y%?6LZZH3%.F&))M@&@&GX?#?]\% Y? M9Z1TPF*=L\$03;!"IH(j4H+%PM"SOLA[8GB. Y>ZH<\$P8NC;VL!^ _L?7AAA; MGN,%(V(R8>@Y? 87UG3A"L.A+,.N*L%L+JYTO17\+G\J4O\UIS4"8MUPA)_ ML\$%GU%M^C>BQT1DHG+8)2S3\!I&RK;?^P\J)8/SK8Y<^ _C<,PP,&H?DP8 M8L=AA*K1#P%;\049U)ID"8FES;XVN'^>=+&5<#RI@GF**76K07YWZV;[10 MFO9R_ \Jk7Z_MB?E8->9[_ >\$; (OZ>+R0095)>SD4M95(D=:QOE=B#HH>D\$ MMU3(OK)YW _ "D#^7YJ3@+U+JORNBU+U!+ P04 " "N@ Y9:%I0^MRD" M #O@"&@ ^AL+W=O&ULK99M;YLP\$,> _MBL6F\96V0"!)DRY\!:_Z[1(5;MN+Z\J]<."26,4VLTV2[=/_H2&BM)VX@WX MX>[G^JL^OO&.BWN Y5!H3Q,F)\Y&J? 3<=66T 8IEAZ? ,R^"XJ5\H\J^U, !M.+9.-%\SQNX%!\FA&,[B=7",<[40AA<="20S2K^X,X6\$R9.USD,7\U01ID! M-QRG> TWH&\3Z%\;DF)"04F"6= (P&KB7'3/9UW\;#B+^P1V\J3)0EY ^F M,DB3@%)\QWN0Z&0."I-G\J\Z9FCD\>GHY=I5 YOIX9BJW\WQK""F.W7W3L^A2 96 ZK8J\ 7J4>83/9)%C(VD111-8.C\J\$ P?G6>+J\ M4BG 4?@ \PG->+!; %V\J#WE1L)K3\DE6\$7LH\0!;"^W\VVJ;@E647U6\JCYK M\.(9%RD76 %2> (J,HTYN\$AA9AKDSL)"PVO-H"581.RK%CMK+PE&;JEN"551W08-KV&LA+PM(UZ^DF_] ME(?FN5\ND>E P6QMA651\!F\JOZ*TK- HN;*WR:'QJJCE;DCQ@|E)P@<6;M.(D26&FDUSG3?SB15U>Y1 '4%BA+KG2Y8YL,79%", 9Z?L6Y.G3, F6-& X# M4\$L#!!10 (" *Z #ED^8AK?UP(,<*: >&PO=VJR-W-H965TR M H%OUE*5U. !5;7Q=*:"Y Y7<#X\@PB\I\$UXR=K*%2L:R-IP)6"BBZ\?DZM<4 MN-Q-O*W\JR36&LP\$ &%=W L\$R7;?#T3RV^DJA M*X.=C@3&E*RCM\^9A,O, Z\!PR8QDH/K8P \XM\$;KQL ^7T.I,6>'C>L\JW ML6,L*ZIA)ODWEIMBXEU\Y(^ *D6SEN "JUO8G>)2ZFA MR5C)5%6&JGLP67?H3%?3- @^6\J%,QGB3#*G2C"QT60\BBP+JH^4N6V)=YS8^(-9E2S3)"14Y2QFL#.3G\+ #6\J]7#,9%G5AKI>.%N@1)@"#.MH M0 N2^1\$;13VW#49A?&SUN-IXW\XB,<1N9^!LE\!@SUZ4P MW*=P&IXD %2+ 8F^-R0,PKC\G\G3X5%?./JG?/ /UH^2^77\J%#F^Z\!&TPWS MET\Y?YK21N^L^-7%HWAN^PG: MKI\7AUK\3V9U\QTK\$57G.=3A.QP\$ +2U. ^M20TR60M3; &G;3;<J=NO#>0 M3X>CV;.\'GN\>;:8' IFJ=Y0M6%"\$SPYK~!4,+G%4\J9V1-1)5\]+@7?)" M G<[*N \]=2FOW%&NC^+22 _5\+ P04 " "N@ Y9OXVX1X" "M\ M&@ ^AL+W=O&ULG93=CM,P\$5(5?Q3(2 @G5 M:9HMJ)"21MKO\2B2M5K8 +Q(6;3!-K'3O8DR9Y>VPG#44J0">"F\=AS\I\J)9Y+V MVCS:&@&4R.5S6B^X*YX8LT4-#;!E\$C61Q%2\9P MH6B>AKV-R5=>H10^H;8KFFX^;4&J? M.SNEI8RN\QOT&R\ 65\ # -JNC(O8 M1"E %H*K8B\I0T9OYZMVUXO~PEU\+F%.RV. B1+KC+ZAI(0#R1N=?1 QGIN M%? 0TH9? T@^YR8*2HK.HFU'L^#1"#4 _^+Z',X'C7!;\$HR .OH>+@LM\CCQ/ MC>Z)\=F.YA>AU*IVYH3R\H.C3L53H?Y\]"5X6TM"B\]CDNPA*N2[*!R;QXM M>7\$;R(6T+U+&[CHO8L6(7@ _H^! _H)7G0"FM+W\JD2RK US-F0UN4;M\J\WPO@;CQ-IR%\JH@=?% R.M\N LVZ/3? MI^QX;H"=M5 #I@J<8DFA.X5#-TV\TXS>#BW\X)WT8Y=N*J\$LD7\PTFCVVMUK MAN\$8 M1M;B\1M?>85F\|PD8G^#. #UKC^? 73% H^=02P,% @ KH . M67Y\J\A^? P NA IH ;\R;,"JW\WK#,% #!8VI9BP8([W5X42V4+9UFH)HD';?QJ0D\? D:P\GWE9GBC\IR< G\VR\J\OC+T0AVO3Y.D>*L*OZ %J M^69'646\$'+ +E8;:\$PYJ6 Q29V*^,T\$ 9\BQ%& IZ0 H#N0I7DI+WQ%I\6,E\Z MY\06G5CNH^K\J\I-ZAQQ(9"<:8'3'9RQ #IC<#N\^)\J5<"? +UW\ZP3-TO2CZAZI4 G\$SLRTV\JMNW G MF2V\Z[ZB\JQPE=0;9A#Z>U LS>E/ZLG>H? K9\|Y4\SG#\['G.GOL,[X49\ Y\J4-W BK^82H%VD7P)"*JE\%S M TEA9-.7 /QTM63AIZ P@Q(R -L 1>@*WOLX>&R:2A:8;6 M\$W^@ *JW@#?K@JA6P\$61=GEZKD3U\Y%?6LZZH3%.F&))M@&@&GX?#?]\% Y? M9Z1TPF*=L\$03;!"IH(j4H+%PM"SOLA[8GB. Y>ZH<\$P8NC;VL!^ _L?7AAA; MGN,%(V(R8>@Y? 87UG3A"L.A+,.N*L%L+JYTO17\+G\J4O\UIS4"8MUPA)_ ML\$%GU%M^C>BQT1DHG+8)2S3\!I&RK;?^P\J)8/SK8Y<^ _C<,PP,&H?DP8 M8L=AA*K1#P%;\049U)ID"8FES;XVN'^>=+&5<#RI@GF**76K07YWZV;[10 MFO9R_ \Jk7Z_MB?E8->9[_ >\$; (OZ>+R0095)>SD4M95(D=:QOE=B#HH>D\$ MMU3(OK)YW _ "D#^7YJ3@+U+JORNBU+U!+ P04 " "N@ Y9:%I0^MRD" M #O@"&@ ^AL+W=O&ULK99M;YLP\$,> _MBL6F\96V0"!)DRY\!:_Z[1(5;MN+Z\J]<."26,4VLTV2[=/_H2&BM)VX@WX MX>[G^JL^OO&.BWN Y5!H3Q,F)\Y&J? 3<=66T 8IEAZ? ,R^"XJ5\H\J^U, !M.+9.-%\SQNX%!\FA&,[B=7",<[40AA<="20S2K^X,X6\$R9.USD,7\U01ID! M-QRG> TWH&\3Z%\;DF)"04F"6= (P&KB7'3/9UW\;#B+^P1V\J3)0EY ^F M,DB3@%)\QWN0Z&0."I-G\J\Z9FCD\>GHY=I5 YOIX9BJW\WQK""F.W7W3L^A2 96 ZK8J\ 7J4>83/9)%C(VD111-8.C\J\$ P?G6>+J\ M4BG 4?@ \PG->+!; %V\J#WE1L)K3\DE6\$7LH\0!;"^W\VVJ;@E647U6\JCYK M\.(9%RD76 %2> (J,HTYN\$AA9AKDSL)"PVO-H"581.RK%CMK+PE&;JEN"551W08-KV&LA+PM(UZ^DF_] ME(?FN5\ND>E P6QMA651\!F\JOZ*TK- HN;*WR:'QJJCE;DCQ@|E)P@<6;M.(D26&FDUSG3?SB15U>Y1 '4%BA+KG2Y8YL,79%", 9Z?L6Y.G3, F6-& X# M4\$L#!!10 (" *Z #ED^8AK?UP(,<*: >&PO=VJR-W-H965TR M H%OUE*5U. !5;7Q=*:"Y Y7<#X\@PB\I\$UXR=K*%2L:R-IP)6"BBZ\?DZM<4 MN-Q-O*W\JR36&LP\$ &%=W L\$R7;?#T3RV^DJA M*X.=C@3&E*RCM\^9A,O, Z\!PR8QDH/K8P \XM\$;KQL ^7T.I,6>'C>L\JW ML6,L*ZIA)ODWEIMBXEU\Y(^ *D6SEN "JUO8G>)2ZFA MR5C)5%6&JGLP67?H3%?3- @^6\J%,QGB3#*G2C"QT60\BBP+JH^4N6V)=YS8^(-9E2S3)"14Y2QFL#.3G\+ #6\J]7#,9%G5AKI>.%N@1)@"#.MH M0 N2^1\$;13VW#49A?&SUN-IXW\XB,<1N9^!LE\!@SUZ4P MW*=P&IXD %2+ 8F^-R0,PKC\G\G3X5%?./JG?/ /UH^2^77\J%#F^Z\!&TPWS MET\Y?YK21N^L^-7%HWAN^PG: MKI\7AUK\3V9U\QTK\$57G.=3A.QP\$ +2U. ^M20TR60M3; &G;3;<J=NO#>0 M3X>CV;.\'GN\>;:8' IFJ=Y0M6%"\$SPYK~!4,+G%4\J9V1-1)5\]+@7?)" M G<[*N \]=2FOW%&NC^+22 _5\+ P04 " "N@ Y9OXVX1X" "M\ M&@ ^AL+W=O&ULG93=CM,P\$5(5?Q3(2 @G5 M:9HMJ)"21MKO\2B2M5K8 +Q(6;3!-K'3O8DR9Y>VPG#44J0">"F\=AS\I\J)9Y+V MVCS:&@&4R.5S6B^X*YX8LT4-#;!E\$C61Q%2\9P MH6B>AKV-R5=>H10^H;8KFFX^;4&J? M.SNEI8RN\QOT&R\ 65\ # -JNC(O8 M1"E %H*K8B\I0T9OYZMVUXO~PEU\+F%.RV. B1+KC+ZAI(0#R1N=?1 QGIN M%? 0TH9? T@^YR8*2HK.HFU'L^#1"#4 _^+Z',X'C7!;\$HR .OH>+@LM\CCQ/ MC>Z)\=F.YA>AU*IVYH3R\H.C3L53H?Y\]"5X6TM"B\]CDNPA*N2[*!R;QXM M>7\$;R(6T+U+&[CHO8L6(7@ _H^! _H)7G0"FM+W\JD2RK US-F0UN4;M\J\WPO@;CQ-IR%\JH@=?% R.M\N LVZ/3? MI^QX;H"=M5 #I@J<8DFA.X5#-TV\TXS>#BW\X)WT8Y=N*J\$LD7\PTFCVVMUK MAN\$8 M1M;B\1M?>85F\|PD8G^#. #UKC^? 73% H^=02P,% @ KH . M67Y\J\A^? P NA IH ;\R;,"JW\WK#,% #!8VI9BP8([W5X42V4+9UFH)HD';?QJ0D\? D:P\GWE9GBC\IR< G\VR\J\OC+T0AVO3Y.D>*L*OZ %J M^69'646\$'+ +E8;:\$PYJ6 Q29V*^,T\$ 9\BQ%& IZ0 H#N0I7DI+WQ%I\6,E\Z MY\06G5CNH^K\J\I-ZAQQ(9"<:8'3'9RQ #IC<#N\^)\J5<"? +UW\ZP3-TO2CZAZI4 G\$SLRTV\JMNW G MF2V\Z[ZB\JQPE=0;9A#Z>U LS>E/ZLG>H? K9\|Y4\SG#\['G.GOL,[X49\ Y\J4-W BK^82H%VD7P)"*JE\%S M TEA9-.7 /QTM63AIZ P@Q(R -L 1>@*WOLX>&R:2A:8;6 M\$W^@ *JW@#?K@JA6P\$61=GEZKD3U\Y%?6LZZH3%.F&))M@&@&GX?#?]\% Y? M9Z1TPF*=L\$03;!"IH(j4H+%PM"SOLA[8GB. Y>ZH<\$P8NC;VL!^ _L?7AAA; MGN,%(V(R8>@Y? 87UG3A"L.A+,.N*L%L+JYTO17\+G\J4O\UIS4"8MUPA)_ ML\$%GU%M^C>BQT1DHG+8)2S3\!I&RK;?^P\J)8/SK8Y<^ _C<,PP,&H?DP8 M8L=AA*K1#P%;\049U)ID"8FES;XVN'^>=+&5<#RI@GF**76K07YWZV;[10 MFO9R_ \Jk7Z_MB?E8->9[_ >\$; (OZ>+R0095)>SD4M95(D=:QOE=B#HH>D\$ MMU3(OK)YW _ "D#^7YJ3@+U+JORNBU+U!+ P04 " "N@ Y9:%I0^MRD" M #O@"&@ ^AL+W=O&ULK99M;YLP\$,> _MBL6F\96V0"!)DRY\!:_Z[1(5;MN+Z\J]<."26,4VLTV2[=/_H2&BM)VX@WX MX>[G^JL^OO&.BWN Y5!H3Q,F)\Y&J? 3<=66T 8IEAZ? ,R^"XJ5\H\J^U, !M.+9.-%\SQNX%!\FA&,[B=7",<[40AA<="20S2K^X,X6\$R9.USD,7\U01ID! M-QRG> TWH&\3Z%\;DF)"04F"6= (P&KB7'3/9UW\;#B+^P1V\J3)0EY ^F M,DB3@%)\QWN0Z&0."I-G\J\Z9FCD\>GHY=I5 YOIX9BJW\WQK""F.W7W3L^A2 96 ZK8J\ 7J4>83/9)%C(VD111-8.C\J\$ P?G6>+J\ M4BG 4?@ \PG->+!; %V\J#WE1L)K3\DE6\$7LH\0!;"^W\VVJ;@E647U6\JCYK M\.(9%RD76 %2> (J,HTYN\$AA9AKDSL)"PVO-H"581.RK%CMK+PE&;JEN"551W08-KV&LA+PM(UZ^DF_] ME(?FN5\ND>E P6QMA651\!F\JOZ*TK- HN;*WR:'QJJCE;DCQ@|E)P@<6;M.(D26&FDUSG3?SB15U>Y1 '4%BA+KG2Y8YL,79%", 9Z?L6Y.G3, F6-& X# M4\$L#!!10 (" *Z #ED^8AK?UP(,<*: >&PO=VJR-W-H965TR M H%OUE*5U. !5;7Q=*:"Y Y7<#X\@PB\I\$UXR=K*%2L:R-IP)6"BBZ\?DZM<4 MN-Q-O*W\JR36&LP\$ &%=W L\$R7;?#T3RV^DJA M*X.=C@3&E*RCM\^9A,O, Z\!PR8QDH/K8P \XM\$;KQL ^7T.I,6>'C>L\JW ML6,L*ZIA)ODWEIMBXEU\Y(^ *D6SEN "JUO8G>)2ZFA MR5C)5%6&JGLP67?H3%?3- @^6\J%,QGB3#*G2C"QT60\BBP+JH^4N6V)=YS8^(-9E2S3)"14Y2QFL#.3G\+ #6\J]7#,9%G5AKI>.%N@1)@"#.MH M0 N2^1\$;13VW#49A?&SUN-IXW\XB,<1N9^!LE\!@SUZ4P MW*=P&IXD %2+ 8F^-R0,PKC\G\G3X5%?./JG?/ /UH^2^77\J%#F^Z\!&TPWS MET\Y?YK21N^L^-7%HWAN^PG: MKI\7AUK\3V9U\QTK\$57G.=3A.QP\$ +2U. ^M20TR60M3; &G;3;<J=NO#>0 M3X>CV;.\'GN\>;:8' IFJ=Y0M6%"\$SPYK~!4,+G%4\J9V1-1)5\]+@7?)" M G<[*N \]=2FOW%&NC^+22 _5\+ P04 " "N@ Y9OXVX1X" "M\ M&@ ^AL+W=O&ULG93=CM,P\$5(5?Q3(2 @G5 M:9HMJ)"21MKO\2B2M5K8 +Q(6;3!-K'3O8DR9Y>VPG#44J0">"F\=AS\I\J)9Y+V MVCS:&@&4R.5S6B^X*YX8LT4-#;!E\$C61Q%2\9P MH6B>AKV-R5=>H10

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#ENZFZSMJULPL_UG+508JQ%Q.9$%LDJN.ZXL1[%8NENWS MJD7^F! +Y+Y:7UQU(5;*2 1*^6)+ (QM>[OACUUC> 6>]-\]. "Q6;3:O'8Q
MD3$FQ.KX'4F>2%TN)(G)2$1E[V5XHUQQ]#($E-B2WQNET$V[7671^J]DKR? MGFM(YP(B/TR) 7 AYL+"E3M]N5QP]D$LAROI'C5'?2
E3B87R[7F3>4^NF#( "M5-B4)=R67[NEJD]AOYG>1CX;$L&46 0?N&[L/-&#-L%>E'7#&E@2JR13T(M-M%[MNUP'F 'J'=
V$XONC53KOV'8$H0ALBE4+=@= 'GW1&2!*,%$SE5=RWX@ M C3057:ZT'R$G>XD@)4V(EW'8W;4R[X7:XQ.YLUS6]SYVYA""R0DCLA=GZ MWH@?
ZTX*'S9[;2Y$@/B)7#6ESC9JE^W?WHU +J01*F7670[-D1Q"]IF#D3;B M=35;VL;'WG71>2^V.V(\,U/$RMA-I2W>C.IDT<[R[A^W%X]NDB]$ @F)!0*S
M%7Z:=[DD]8)S%?XF$@L;C%88%+ QT1B"8G%,1 48" NN@?SE\N(1,1,2BV8 M.S (B'03$DMF/TFP![@AQ73$CHY'J]Q1L@X$;%QAO(%@V6)C!,1&|=+
S2 M#=#1E8<@= @#4-U7&7.?01@L1V29B-HROZF@04HDF8A8, @="SEM2Q(-) M*B6$SYF8; M( LEQ!;"F&Y/3Y"%$F(+>:
=BV3O7(QX8XO8@M!3&1@ER +)>1+-?O9JC] MR6:%BXDLE!P]J>9@^J6)+0Y&(B Z3$
M H&87L1,X9Y8C0 LY:>*"AMYR7VS@&V&E8N1>EB(N^D1 'H3RZ&RXS)) L M*(YA.F&RPS))SO6UN/?ZY#CLR0?#)B^1Q(^@JTH0S))R.6#[3T
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M.(2=-),3ZP8QVH,IBB+>Y,22@9A^NX3G*XGM@U?)W7@Y)?92V+ 8- (X6G M+0-B IE) @V=[SR2 1RZ44VXX\KFI)(G,/RQ1X$ZC=
>"@S(%80VAMQX9]) M#"QS(180A/TK^KA&&XS)81!O6C$CRY&1#K"/(&B@|RAGT M0AKW+S=OWY1B+AM17MLO,?^#
<[C6;=0 J9TRCN3H;UU5U:U.NJ];JX4+W= M_7WAVO> @=02P,$% @ KH .611DIV83 P ! $H !X;"J?W:=% SBE##!! D=6V?
+U+&7VR[?170;M>GX^?>GY^~T;K;[J?K MU=,1'W,P[1Y&G?KZ?)P?G*P^TVXJGY>GQ^&XWKRL'!Y.Y>T]->9JYNK MKS,@MZX.X ]/#PV& &GX?
-[JVGX @/AS.+U,3^X.KR[NUJ]?>Y>#; ; MSJ/3'ZPR /DU<7M ?J?='MOJ'V10]X%">4#10D4E@)4)5!4#0E4E@)4)5!="/E"30&WY0.941@>(U&$-T-
J4:P-X:QJV <0V)=L 9INB M;0^U3=DV@-NF/4!OWJUL 3VJK<'Z.U5 M.P; OVZO>J"W5[T]0&^O>GN WE[U@"]O>KM 7H^U3L ]ZJ=P#H'530 - [ M=!]>
'H^U3L ]ZJ=P#H'530 - [J-X!H]=000- [Z!X#%>4?6. +VCZAT' M>D?5.P+TCJIW!/@=NX = +VCZAT!>D?5.P+TCJIW!/@=5>1(T#N]JWA&@=U*]
M$T#OI'H@-Y)J4X O9JG0I2]J4? ?1.W!>J*~Y)J4X O9JG0I2]J4? ?1. MJG<Z?U5]PSO.ZO>&~!W5KTS0.^L>F! WEGUS@'JL^J= 7KG;K)0.^L>F>
MWEGUS@'JL^J= 7H7U;L ]JZJ=P'H7530 M'J-X'H'=100M [Z]Z%X#>1?4N M +U+MUD0H'=100M [Z]Z%X#>5?6N +VKZET!>E?
5NP+TKJIW!>A=5>1^T+NJ MWAA6@=U6)*T*QJG17@-ZUV^P-T+N]JWA6@=U.J&T#OIGHW@-Y-J6X O9QJWO!Z M-J6[ ?1NJG<#Z-
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5$U3U1:5#^O)T]J(EK) ^28C#R66[V63NPJ.HN3=A.*GP>SGUJLO<~ M-G9U7M^V2j6]S]2X^GU% K9V;?G7 $M.92^ M^>WL<=J~;?XR.USOCW'>+_-
PR?*X (Y G?%; 0 VH2!J]) ^,D@?..0#>G# M0/HH('V4D#ZDH#1"$5522)444R4%54E155)8E117)05629%54615%$D5159%
MD5519%44615%5D6155%D51194XJL^476E")K2$U!&UL4$! A0#% @ KH .63K^WJO *P(M ! $ !KP &1O8UIR;WIS+V-O&UL4$! A0#% M @ KH
.69E@PO=VJR:W-H965T&UL4$! A0#% M @ KH .67UZV9L0^0 :BD !@ ("!RPX 'AL+W=O&PO=M=VJR:W-H965T&UL4$! A0#% @ KH .69.5+2E @
M0<0 !@ ("!JR. 'AL+W=O&PO=VJR:W-H965T&UL4$! A0#% @ KH .6^C0OQR#@ :RD !@ M ("!J3D 'AL+W=O&PO=VJR:W-H965TO!@.0% ) 9 " @=QX
!X;"JW;W)K M&UL4$! A0#% @ KH .66QR-748 P YP8 M !D ("!7T 'AL+W=O&PO=VJR:W-H965TIRP M,P0-1) 9 " @4$ !X;"JW;W)K&UL4$! A0#% @
KH .6>1)2E>!! A@H !D M ("!JH@ 'AL+W=O&PO=VJR:W-H965T M&UL4$! A0# M% @ KH .6=H#)]] P 2<@< !D ("!90 'AL+W=O M&PO=VJR:W-
H965T 0!D ) 9 " @:: M !X;"JW;W)K&UL4$! A0#% @ KH .62UX MR8^X @ UP4 !D ("!4I 'AL+W=O&PO=VJR:W-H965T&UL4$! A0#% @ KH .6=NZ>-
8,P !Q$ !D M ("!JZ 'AL+W=O&PO=M=VJR:W-H965T&UL4$! A0#% @ KH .61M)/= P $@<@< !D ("! M^$ 'AL+W=O&PO=VJR:W-H965T&UL4$!
A0#% M @ KH .6>^J<^7!0 IPX !D ("!7T 'AL+W=OK5 !X M;"JW;W)K&UL4$! A0#% @ KH .61#"$!$ M @ B@8 !D ("!G@ 'AL+W=O&PO=VJR:W-
H965T&UL4$! A0#% @ KH .6>2G;18!0 U0P !D M ("!A$ 'AL+W=O&PO=VJR M:W-H965T]*.0, -$' M % @(: 0!X;"JW;W)K&UL M4$! A0#% @ KH
.63T2;ZQ P VP@ !D ("! AX M 'AL+W=O&PO=VJR:W-H965T, % (9 M " @8 D 0!X;"JW;W)K&UL4$! A0#% @ KH .61(2&=7 @<0< !D ("!+R@!
'AL+W=O&PO=VJR:W-H965T&UL4$! A0#% @ KH .6=N "X11 @ ,P4 !D M ("!&PO=VJR:W-H M965T&UL4$! M A0#% @ KH .6?L>,$=# P D@< !D
("!^4,! 'AL M+W=O&PO=VJR:W-H965T&UL4$! A0#% @ KH .M6=!=*F! !0 +PX !D ("!64T! 'AL+W=O4@$ >&PO=VJR:W-H965T&UL4$! A0#% @
KH .68L9D^0$^0 Q6$ M !D ("!0F(! 'AL+W=O&PO=VJR:W-H965T&UL4$! A0#% @ KH .69*YMJ#; P 6A$ !D M ("!<(! 'AL+W=O&PO=VJR:W-H965T
M&UL4$! A0# M% @ KH .641-JQB1 @ -P< !D ("!G7P! 'AL+W=O M&PO=VJR:W-H965TTET 4 ( L 9 " @9J M !X;"JW;W)K&UL4$! A0#% @ KH
.60G M)V9 @ \ 8 !D ("!H8D! 'AL+W=O&PO=VJR:W-H965T&UL4$! A0#% @ KH .65S!I83= @ Z0< !D M ("!YI(! 'AL+W=O&PO M=VJR:W-H965TV8
0!X;"JW;W)K&UL4$! A0#% @ KH .6:COUY2@ P T !D ("! MU)L! 'AL+W=O&UL4$! A0#% M @ KH .6&PO=VJR:W-H965TR 0!X;"JW;W)K&UL4$!
A0#% @ KH .65@=^M' @ VP4 !D M ("!9K8! 'AL+W=O&PO=VJR M:W-H965T&UL M4$! A0#% @ KH .66;3B[ @ K H !D ("!+! M
'AL+W=O&PO=VJR:W-H965T_ 0!X;"JW;W)K&UL4$! A0#% @ MKH .68TESW0? @ F 0 !D ("!ULD! 'AL+W=O&PO=VJR:W-H965T&UL4$! A0#% @
KH .6? ->1M= P @ T !D M ("! =H! 'AL+W=O&PO=VJR:W-H M965T&UL4$! M A0#% @ KH .6:1..B+!@ PXD !D ("!..! 'AL M+W=O&PO=VJR:W-
H965T&UL4$! A0#% @ KH .M61L=7!^0 @ .0@ !D ("!ROO! 'AL+W=O&PO=VJR:W-H965T&PO=VJR M:W-H965T&PO=VJR:W-H965T&PO=VJR:W-
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Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": ["r67", "r872"] }, "us-gaap_AccountsPayableCurrentAndNoncurrentAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsPayableCurrentAndNoncurrentAbstract", "lang": { "en-us": { "role": { "label": "Accounts Payable [Abstract]" } } }, "auth_ref": [] }, "gtcec_AccountsPayableDetailsScheduleofAccountsPayableTable": { "xbrltype": "stringItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "AccountsPayableDetailsScheduleofAccountsPayableTable", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofAccountsPayableTable"], "lang": { "en-us": { "role": { "label": "Accounts Payable (Details) - Schedule of Accounts Payable [Table]" } } }, "auth_ref": [] }, "us-gaap_AccountsReceivableAllowanceForCreditLossTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsReceivableAllowanceForCreditLossTableTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/AccountsReceivableTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Accounts Receivable is Net of Allowance for Expected Credit Losses", "label": "Accounts Receivable, Allowance for Credit Loss [Table Text Block]", "documentation": "Tabular disclosure of allowance for credit loss on accounts receivable." } } }, "auth_ref": ["r1084"] }, "gtcec_AccountsReceivableDetailsScheduleofAccountsReceivableisNetofAllowanceforExpectedCreditLossesTable": { "xbrltype": "stringItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "AccountsReceivableDetailsScheduleofAccountsReceivableisNetofAllowanceforExpectedCreditLossesTable", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofAccountsReceivableisNetofAllowanceforExpectedCreditLossesTable"], "lang": { "en-us": { "role": { "label": "Accounts Receivable (Details) - 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Used to reflect the current portion of the liabilities (due within one year or within the normal

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Examples include taxes, interest, rent and utilities. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": ["r70"] }, "us-gaap_AccumulatedAmortizationOfOtherDeferredCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedAmortizationOfOtherDeferredCosts", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofLandUseRightsTable": { "parentTag": "us-gaap_LandImprovements", "weight": -1.0, "order": 2.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofLandUseRightsTable", "lang": { "en-us": { "role": { "negatedLabel": "Less: Accumulated amortization", "label": "Accumulated Amortization of Other Deferred Costs", "documentation": "Accumulated amortization of other deferred costs capitalized at the end of the reporting period. 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Excludes net income (loss), and accumulated changes in equity from transactions resulting from investments by owners and distributions to owners." } } }, "auth_ref": ["r3", "r11", "r19", "r515", "r518", "r566", "r657", "r1049", "r1050", "r1051", "r1063", "r1064", "r1065", "r1067"] }, "ecd_Additional402vDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "Additional402vDisclosureTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure", "lang": { "en-us": { "role": { "label": "Additional 402(v) Disclosure [Text Block]", "terseLabel": "Additional 402(v) Disclosure" } } }, "auth_ref": ["r958"] }, "us-gaap_AdditionalPaidInCapitalCommonStock": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdditionalPaidInCapitalCommonStock", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet", "lang": { "en-us": { "role": { "terseLabel": "Additional paid-in capital", "label": "Additional Paid in Capital, Common Stock", "documentation": "Value received from shareholders in common stock-related transactions that are in excess of par value or stated value and amounts received from other stock-related transactions. Includes only common stock transactions (excludes preferred stock transactions). May be called contributed capital, capital in excess of par, capital surplus, or paid-in capital." } } }, "auth_ref": ["r81"] }, "us-gaap_AdditionalPaidInCapitalMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdditionalPaidInCapitalMember", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityType2or3", "lang": { "en-us": { "role": { "terseLabel": "Additional Paid-in Capital", "label": "Additional Paid-in Capital [Member]", "documentation": "Excess of issue price over par or stated value of the entity's capital stock and amounts received from other transactions involving the entity's stock or stockholders." } } }, "auth_ref": ["r679", "r1063", "r1064", "r1065", "r1067", "r1114", "r1180"] }, "gtec_AdditionalProvisionChargedToExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "AdditionalProvisionChargedToExpense", "crdr": "debit", 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A CD is a short to medium-term investment available at banks and savings and loan institutions where a customer agrees to lend money to the institution for a certain amount of time and is paid a predetermined rate of interest." } } }, "auth_ref": ["r137"] }, "us-gaap_BasisOfPresentationAndSignificantAccountingPoliciesTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BasisOfPresentationAndSignificantAccountingPoliciesTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Basis of Presentation", "label": "Basis of Presentation and Significant Accounting Policies [Text Block]", "documentation": "The entire disclosure for the basis of presentation and significant accounting policies concepts. Basis of presentation describes the underlying basis used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS). Accounting policies describe all significant accounting policies of the reporting entity." } } }, "auth_ref": ["r104"] }, "us-gaap_BuildingMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BuildingMember", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/PropertyPlantandEquipmentandConstructionInProgressDetails", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofEstimatedUsefulLivesTable", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofRestrictedAssetsTable"], "lang": { "en-us": { "role": { "terseLabel": "Buildings [Member]", "verboseLabel": "Buildings, net [Member]", "label": "Building [Member]", "documentation": "Facility held for productive use including, but not limited to, office, production, storage and distribution facilities." } } }, "auth_ref": ["r111"] }, "us-gaap_BuildingsAndImprovementsGross": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BuildingsAndImprovementsGross", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofPropertyPlantandEquipmentTable": { "parentTag": "us-gaap_PropertyPlantandEquipmentGross", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofPropertyPlantandEquipmentTable"], "lang": { "en-us": { "role": { "terseLabel": "Buildings", "label": "Buildings and Improvements, Gross", "documentation": "Amount before accumulated depreciation of building structures held for productive use including addition, improvement, or renovation to the structure, including, but not limited to, interior masonry, interior flooring, electrical, and plumbing." } } }, "auth_ref": ["r111"] }, "us-gaap_BusinessAcquisitionAcquireeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessAcquisitionAcquireeDomain", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/OrganizationandPrincipalActivitiesDetails"], "lang": { "en-us": { "role": { "label": "Business

Acquisition, Acquiree [Domain]], "documentation": "Identification of the acquiree in a material business combination (or series of individually immaterial business combinations), which may include the name or other type of identification of the acquiree." } } }, "auth_ref": ["r333", "r334", "r335", "r336", "r337", "r502", "r857", "r858"] }, "us-gaap_BusinessAcquisitionAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessAcquisitionAxis", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/OrganizationandPrincipalActivitiesDetails"], "lang": { "en-us": { "role": { "label": "Business Acquisition [Axis]", "documentation": "Information by business combination or series of individually immaterial business combinations." } } }, "auth_ref": ["r45", "r46", "r333", "r334", "r335", "r336", "r337", "r502", "r857", "r858"] }, "us-gaap_BusinessCombinationContingentConsiderationArrangementsChangeInAmountOfContingentConsiderationAsset1": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationContingentConsiderationArrangementsChangeInAmountOfContingentConsiderationAsset1", "crdr": "credit", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/OrganizationandPrincipalActivitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Consideration value (in Dollars)", "label": "Business Combination, Contingent Consideration Arrangements, Change in Amount of Contingent Consideration, Asset", "documentation": "Amount of increase (decrease) in the value of right to a contingent consideration asset." } } }, "auth_ref": ["r503", "r1055"] }, "us-gaap_BusinessCombinationStepAcquisitionEquityInterestInAcquireePercentage": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationStepAcquisitionEquityInterestInAcquireePercentage", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/OrganizationandPrincipalActivitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Percentage of equity interest transferred", "label": "Business Combination, Step Acquisition, Equity Interest in Acquiree, Percentage", "documentation": "Percentage of equity in the acquiree held by the acquirer immediately before the acquisition date in a business combination." } } }, "auth_ref": [] }, "dei_BusinessContactMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "BusinessContactMember", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Business Contact [Member]", "documentation": "Business contact for the entity" } } }, "auth_ref": ["r916", "r928"] }, "gtcc_CEDECOMember": { "xbrltype": "domainItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "CEDECOMember", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "CEDE & CO [Member]", "label": "CEDECOMember" } } }, "auth_ref": [] }, "country_CN": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/country/2024", "localname": "CN", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofSubsidiaryIncludedintheseUnauditedConsolidatedFinancialStatementsTable"], "lang": { "en-us": { "role": { "terseLabel": "RMB [Member]", "label": "CHINA" } } }, "auth_ref": [] }, "us-gaap_CashAndCashEquivalentsAtCarryingValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashAndCashEquivalentsAtCarryingValue", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet", "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow"], "lang": { "en-us": { "role": { "terseLabel": "Cash and cash equivalents", "verboseLabel": "Bank balances and cash", "label": "Cash and Cash Equivalents, at Carrying Value", "documentation": "Amount of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. Excludes cash and cash equivalents within disposal group and discontinued operation." } } }, "auth_ref": ["r25", "r201", "r816"] }, "us-gaap_CashAndCashEquivalentsAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashAndCashEquivalentsAxis", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofFixedDepositTable"], "lang": { "en-us": { "role": { "label": "Cash and Cash Equivalents [Axis]", "documentation": "Information by type of cash and cash equivalent balance." } } }, "auth_ref": ["r201"] }, "us-gaap_CashAndCashEquivalentsLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashAndCashEquivalentsLineItems", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofFixedDepositTable"], "lang": { "en-us": { "role": { "label": "Schedule of Fixed Deposit [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": [] }, "us-gaap_CashAndCashEquivalentsPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashAndCashEquivalentsPolicyTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Cash and Cash Equivalents", "label": "Cash and Cash Equivalents, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy for cash and cash equivalents, including the policy for determining which items are treated as cash equivalents. Other information that may be disclosed includes (1) the nature of any restrictions on the entity's use of its cash and cash equivalents, (2) whether the entity's cash and cash equivalents are insured or expose the entity to credit risk, (3) the classification of any negative balance accounts (overdrafts), and (4) the carrying basis of cash equivalents (for example, at cost) and whether the carrying amount of cash equivalents approximates fair value." } } }, "auth_ref": ["r26"] }, "us-gaap_CashAndCashEquivalentsRestrictedCashAndCashEquivalentsPolicy": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashAndCashEquivalentsRestrictedCashAndCashEquivalentsPolicy", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Restricted Cash", "label": "Cash and Cash Equivalents, Restricted Cash and Cash Equivalents, Policy [Policy Text Block]", "documentation": "Entity's cash and cash equivalents accounting policy with respect to restricted balances. Restrictions may include legally restricted deposits held as compensating balances against short-term borrowing arrangements, contracts entered into with others, or company statements of intention with regard to particular deposits; however, time deposits and short-term certificates of deposit are not generally included in legally restricted deposits." } } }, "auth_ref": ["r26", "r122"] }, "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents", "crdr": "debit", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow"], "lang": { "en-us": { "role": { "periodStartLabel": "CASH AND CASH EQUIVALENTS AND RESTRICTED CASH AT BEGINNING OF YEAR", "periodEndLabel": "CASH AND CASH EQUIVALENTS AND RESTRICTED CASH AT END OF PERIOD", "label": "Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents", "documentation": "Amount of cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage. Excludes amount for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": ["r25", "r101", "r237"] }, "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseExcludingExchangeRateEffect": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseExcludingExchangeRateEffect", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow"], "lang": { "en-us": { "role": { "totalLabel": "NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS AND RESTRICTED CASH", "label": "Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Period Increase (Decrease), Excluding Exchange Rate Effect", "documentation": "Amount of increase (decrease) in cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; excluding effect from exchange rate change. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": ["r2", "r101"] }, "us-gaap_CashFDICInsuredAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashFDICInsuredAmount", "crdr": "debit", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/SummaryofSignificantAccountingPoliciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Exceeding FDIC insurance", "label": "Cash, FDIC Insured Amount", "documentation": "The amount of cash deposited in financial institutions as of the balance sheet date that is insured by the Federal Deposit Insurance Corporation." } } }, "auth_ref": [] }, "gtcc_CenntroHoldingLimitedMember": { "xbrltype": "domainItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "CenntroHoldingLimitedMember", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofDuetoRelatedPartiesTable", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofNamesandRelationshipofRelatedPartiesTable"], "lang": { "en-us": { "role": { "terseLabel": "Cenntro Holding Limited [Member]", "label": "Cenntro Holding Limited Member" } } }, "auth_ref": [] }, "gtcc_CenntroSmartManufacturingTechCoLtdMember": { "xbrltype": "domainItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "CenntroSmartManufacturingTechCoLtdMember", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofDuetoRelatedPartiesTable", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofNamesandRelationshipofRelatedPartiesTable"], "lang": { "en-us": { "role": { "terseLabel": "Cenntro Smart Manufacturing Tech. Co., Ltd. [Member]", "label": "Cenntro Smart Manufacturing Tech Co Ltd Member" } } }, "auth_ref": [] }, "us-gaap_ChangeInAccountingEstimateLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":

"ChangeInAccountingEstimateLineItems", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/SummaryofSignificantAccountingPoliciesDetails"], "lang": { "en-us": { "role": { "label": "Summary of Significant Accounting Policies [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r255"] }, "us-gaap_ChangeInContractWithCustomerAssetAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ChangeInContractWithCustomerAssetAbstract", "lang": { "en-us": { "role": { "label": "Schedule of Deferred Revenue [Abstract]" } } }, "auth_ref": [] }, "ecd_ChangedPeerGroupFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ChangedPeerGroupFnTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Changed Peer Group, Footnote [Text Block]", "terseLabel": "Changed Peer Group, Footnote" } } }, "auth_ref": ["r969"] }, "gtcc_ChardanMember": { "xbrltype": "domainItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "ChardanMember", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Chardan [Member]", "verboseLabel": "Chardan Capital Markets, LLC [Member]", "label": "Chardan Member" } } }, "auth_ref": [] }, "ecd_ChngInFrValAsOfVstngDtOfPrrYrEqtyAwrdVstdInCvrdYrMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ChngInFrValAsOfVstngDtOfPrrYrEqtyAwrdVstdInCvrdYrMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Change in Fair Value as of Vesting Date of Prior Year Equity Awards Vested in Covered Year [Member]", "terseLabel": "Change in Fair Value as of Vesting Date of Prior Year Equity Awards Vested in Covered Year" } } }, "auth_ref": ["r966"] }, "ecd_ChngInFrValOfOutsdngAndUnvstdEqtyAwrdGrntdInPrrYrsMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ChngInFrValOfOutsdngAndUnvstdEqtyAwrdGrntdInPrrYrsMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Year-over-Year Change in Fair Value of Equity Awards Granted in Prior Years That are Outstanding and Unvested [Member]", "terseLabel": "Year-over-Year Change in Fair Value of Equity Awards Granted in Prior Years That are Outstanding and Unvested" } } }, "auth_ref": ["r964"] }, "dei_CityAreaCode": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CityAreaCode", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "City Area Code", "documentation": "Area code of city" } } }, "auth_ref": [] }, "us-gaap_ClassOfStockDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ClassOfStockDomain", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityDetails"], "lang": { "en-us": { "role": { "label": "Class of Stock [Domain]", "documentation": "Share of stock differentiated by the voting rights the holder receives. Examples include, but are not limited to, common stock, redeemable preferred stock, nonredeemable preferred stock, and convertible stock." } } }, "auth_ref": ["r160", "r206", "r207", "r208", "r241", "r265", "r266", "r268", "r270", "r278", "r279", "r321", "r354", "r356", "r357", "r358", "r361", "r362", "r391", "r392", "r393", "r395", "r398", "r405", "r541", "r668", "r669", "r670", "r671", "r679", "r680", "r681", "r682", "r683", "r684", "r685", "r686", "r687", "r688", "r689", "r690", "r710", "r733", "r755", "r787", "r788", "r789", "r790", "r791", "r1022", "r1057", "r1068"] }, "us-gaap_ClassOfStockLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ClassOfStockLineItems", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/OrganizationandPrincipalActivitiesDetails"], "lang": { "en-us": { "role": { "label": "Organization and Principal Activities [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r206", "r207", "r208", "r278", "r391", "r392", "r393", "r395", "r398", "r403", "r405", "r668", "r669", "r670", "r671", "r846", "r1022", "r1057"] }, "us-gaap_ClassOfWarrantOrRightAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ClassOfWarrantOrRightAxis", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityDetails"], "lang": { "en-us": { "role": { "label": "Class of Warrant or Right [Axis]", "documentation": "Information by type of warrant or right issued." } } }, "auth_ref": ["r43"] }, "us-gaap_ClassOfWarrantOrRightDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ClassOfWarrantOrRightDomain", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityDetails"], "lang": { "en-us": { "role": { "label": "Class of Warrant or Right [Domain]", "documentation": "Name of the class or type of warrant or right outstanding. Warrants and rights represent derivative securities that give the holder the right to purchase securities (usually equity) from the issuer at a specific price within a certain time frame. Warrants are often included in a new debt issue to entice investors by a higher return potential. The main difference between warrants and call options is that warrants are issued and guaranteed by the company, whereas options are exchange instruments and are not issued by the company. Also, the lifetime of a warrant is often measured in years, while the lifetime of a typical option is measured in months." } } }, "auth_ref": [] }, "us-gaap_ClassOfWarrantOrRightExercisePriceOfWarrantsOrRights1": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ClassOfWarrantOrRightExercisePriceOfWarrantsOrRights1", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Per warrant (in Dollars per share)", "label": "Class of Warrant or Right, Exercise Price of Warrants or Rights", "documentation": "Exercise price per share or per unit of warrants or rights outstanding." } } }, "auth_ref": ["r406"] }, "us-gaap_ClassOfWarrantOrRightLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ClassOfWarrantOrRightLineItems", "lang": { "en-us": { "role": { "label": "Schedule of Warrants Outstanding and Fair Values [Abstract]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": [] }, "us-gaap_ClassOfWarrantOrRightNumberOfSecuritiesCalledByWarrantsOrRights": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ClassOfWarrantOrRightNumberOfSecuritiesCalledByWarrantsOrRights", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityDetails", "http://greenlandtechnologiesholdingcorp.com/role/WarrantLiabilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Warrant to purchase ordinary shares (in Shares)", "verboseLabel": "Warrants underlying", "label": "Class of Warrant or Right, Number of Securities Called by Warrants or Rights", "documentation": "Number of securities into which the class of warrant or right may be converted. For example, but not limited to, 500,000 warrants may be converted into 1,000,000 shares." } } }, "auth_ref": ["r406"] }, "us-gaap_ClassOfWarrantOrRightOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ClassOfWarrantOrRightOutstanding", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofWarrantsOutstandingandFairValuesTable", "http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Number of ordinary share warrants", "verboseLabel": "Warrants outstanding", "label": "Class of Warrant or Right, Outstanding", "documentation": "Number of warrants or rights outstanding." } } }, "auth_ref": [] }, "ecd_CoSelectedMeasureAmt": { "xbrltype": "decimalItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CoSelectedMeasureAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Company Selected Measure Amount", "terseLabel": "Company Selected Measure Amount" } } }, "auth_ref": ["r970"] }, "ecd_CoSelectedMeasureName": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CoSelectedMeasureName", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Company Selected Measure Name", "terseLabel": "Company Selected Measure Name" } } }, "auth_ref": ["r970"] }, "gtcc_CollateralizedBankLoansMember": { "xbrltype": "domainItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "CollateralizedBankLoansMember", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofShortTermLoansSummarizedTable"], "lang": { "en-us": { "role": { "terseLabel": "Collateralized Bank Loans [Member]", "label": "Collateralized Bank Loans Member" } } }, "auth_ref": [] }, "gtcc_CommercialNotesReceivableMember": { "xbrltype": "domainItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "CommercialNotesReceivableMember", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofNotesReceivableTable"], "lang": { "en-us": { "role": { "terseLabel": "Commercial Notes Receivable [Member]", "label": "Commercial Notes Receivable Member" } } }, "auth_ref": [] }, "us-gaap_CommitmentsAndContingencies": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommitmentsAndContingencies", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet": { "parentTag": "us-gaap_LiabilitiesAndStockholdersEquity", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet"], "lang": { "en-us": { "role": { "terseLabel": "COMMITMENTS AND CONTINGENCIES", "label": "Commitments and Contingencies", "documentation": "Represents the caption on the face of the balance sheet to indicate that the entity has entered into (1) purchase or supply arrangements that will require expending a portion of its resources to meet the terms thereof, and (2) is exposed to potential losses or, less frequently, gains, arising from (a) possible claims against a company's resources due to future performance under contract terms, and (b) possible losses or likely gains from uncertainties that will ultimately be resolved when one or more future events that are deemed likely to occur do occur or fail to occur." } } }, "auth_ref": ["r76", "r626", "r709"] }, "us-gaap_CommitmentsAndContingenciesDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommitmentsAndContingenciesDisclosureAbstract", "lang": { "en-us": { "role": { "label": "Commitments and Contingencies [Abstract]" } } }, "auth_ref": [] }, "us-gaap_CommitmentsAndContingenciesDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommitmentsAndContingenciesDisclosureTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/CommitmentsandContingencies"], "lang": { "en-us": { "role": { "terseLabel": "COMMITMENTS AND CONTINGENCIES", "label": "Commitments and Contingencies Disclosure [Text Block]", "documentation": "The entire disclosure for commitments and contingencies." } } }, "auth_ref": ["r113", "r344", "r345", "r799", "r1090", "r1095"] }, "us-gaap_CommitmentsAndContingenciesPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommitmentsAndContingenciesPolicyTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Commitments and contingencies", "label": "Commitments and Contingencies, Policy [Policy Text Block]", "documentation": "Disclosure of accounting

policy for commitments and contingencies, which may include policies for recognizing and measuring loss and gain contingencies." } } }, "auth_ref": ["r40", "r800"]], "gtcc_CommitmentsandContingenciesDetailsTable": { "xbrltype": "stringItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "CommitmentsandContingenciesDetailsTable", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/CommitmentsandContingenciesDetails"], "lang": { "en-us": { "role": { "label": "Commitments and Contingencies (Details) [Table]" } } }, "auth_ref": [] }, "us-gaap_CommonStockMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockMember", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityDetails", "http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityType2or3"], "lang": { "en-us": { "role": { "terseLabel": "Ordinary Shares No Par Value", "verboseLabel": "Ordinary Shares [Member]", "label": "Common Stock [Member]", "documentation": "Stock that is subordinate to all other stock of the issuer." } } }, "auth_ref": ["r889", "r890", "r891", "r893", "r894", "r895", "r896", "r1063", "r1064", "r1067", "r1114", "r1177", "r1180"] }, "us-gaap_CommonStockNoParValue": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockNoParValue", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet_Parentheticals", "http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Ordinary shares, par value (in Dollars per share)", "label": "Common Stock, No Par Value", "documentation": "Face amount per share of no-par value common stock." } } }, "auth_ref": ["r79"] }, "us-gaap_CommonStockOtherSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockOtherSharesOutstanding", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/EarningsPerShareDetails"], "lang": { "en-us": { "role": { "terseLabel": "Shares underlying outstanding", "label": "Common Stock, Other Shares, Outstanding", "documentation": "Number of shares of other common stock instruments held by shareholder, including, but not limited to, exchangeable shares." } } }, "auth_ref": [] }, "us-gaap_CommonStockSharesAuthorizedUnlimited": { "xbrltype": "authorizedUnlimitedItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesAuthorizedUnlimited", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet_Parentheticals"], "lang": { "en-us": { "role": { "terseLabel": "Ordinary shares, authorized", "label": "Common Stock, Shares Authorized, Unlimited [Fixed List]", "documentation": "Indicates whether number of common shares permitted to be issued is unlimited. Acceptable value is \"Unlimited\"." } } }, "auth_ref": ["r79"] }, "us-gaap_CommonStockSharesIssued": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesIssued", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet_Parentheticals", "http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Ordinary shares, issued", "verboseLabel": "Ordinary shares issued", "label": "Common Stock, Shares, Issued", "documentation": "Total number of common shares of an entity that have been sold or granted to shareholders (includes common shares that were issued, repurchased and remain in the treasury). These shares represent capital invested by the firm's shareholders and owners, and may be all or only a portion of the number of shares authorized. Shares issued include shares outstanding and shares held in the treasury." } } }, "auth_ref": ["r79"] }, "us-gaap_CommonStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesOutstanding", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet_Parentheticals", "http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Ordinary shares, outstanding", "verboseLabel": "Ordinary shares outstanding", "label": "Common Stock, Shares, Outstanding", "documentation": "Number of shares of common stock outstanding. Common stock represent the ownership interest in a corporation." } } }, "auth_ref": ["r12", "r79", "r710", "r730", "r1180", "r1181"] }, "us-gaap_CommonStockValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockValue", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet"], "lang": { "en-us": { "role": { "terseLabel": "Ordinary shares, no par value, unlimited shares authorized: 13,594,530 and 13,594,530 shares issued and outstanding as of June 30, 2024 and December 31, 2023.", "label": "Common Stock, Value, Issued", "documentation": "Aggregate par or stated value of issued nonredeemable common stock (or common stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity." } } }, "auth_ref": ["r79", "r628", "r872"] }, "us-gaap_CommonStockVotingRights": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockVotingRights", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Voting rights", "label": "Common Stock, Voting Rights", "documentation": "Description of voting rights of common stock. Includes eligibility to vote and votes per share owned. Include also, if any, unusual voting rights." } } }, "auth_ref": ["r41"] }, "ecd_CompActuallyPaidVsCoSelectedMeasureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CompActuallyPaidVsCoSelectedMeasureTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Compensation Actually Paid vs. Company Selected Measure [Text Block]", "terseLabel": "Compensation Actually Paid vs. Company Selected Measure" } } }, "auth_ref": ["r975"] }, "ecd_CompActuallyPaidVsNetIncomeTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CompActuallyPaidVsNetIncomeTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Compensation Actually Paid vs. Net Income [Text Block]", "terseLabel": "Compensation Actually Paid vs. Net Income" } } }, "auth_ref": ["r974"] }, 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Excludes changes in equity resulting from investments by owners and distributions to owners." } } }, "auth_ref": ["r20", "r219", "r221", "r229", "r619", "r642", "r644"] }, "us-gaap_ComprehensiveIncomeNetOfTaxAttributableToNoncontrollingInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComprehensiveIncomeNetOfTaxAttributableToNoncontrollingInterest", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedIncomeStatement": { "parentTag": "us-gaap_ComprehensiveIncomeNetOfTax",

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Excludes changes in equity resulting from investments by owners and distributions to owners." } } }, "auth_ref": ["r4", "r49", "r54", "r219", "r221", "r228", "r618", "r642", "r643"] }, "us-gaap_ComprehensiveIncomePolicyPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComprehensiveIncomePolicyPolicyTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Comprehensive Income (Loss)", "label": "Comprehensive Income, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy for comprehensive income." } } }, "auth_ref": [] }, "us-gaap_ConcentrationRiskBenchmarkDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskBenchmarkDomain", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofConcentrationofMajorCustomersandSuppliersTable", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofMajorCustomersofAccountsReceivableTable"], "lang": { "en-us": { "role": { "label": "Concentration Risk Benchmark [Domain]", "documentation": "The denominator in a calculation of a disclosed concentration risk percentage." } } }, "auth_ref": ["r31", "r32", "r60", "r61", "r313", "r798"] }, "us-gaap_ConcentrationRiskByBenchmarkAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskByBenchmarkAxis", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConcentrationonRevenuesandCostofGoodsSoldDetails", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofConcentrationofMajorCustomersandSuppliersTable", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofMajorCustomersofAccountsReceivableTable"], "lang": { "en-us": { "role": { "label": "Concentration Risk Benchmark [Axis]", "documentation": "Information by benchmark of concentration risk." } } }, "auth_ref": ["r31", "r32", "r60", "r61", "r313", "r663", "r798"] }, "us-gaap_ConcentrationRiskByTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskByTypeAxis", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConcentrationonRevenuesandCostofGoodsSoldDetails", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofConcentrationofMajorCustomersandSuppliersTable", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofMajorCustomersofAccountsReceivableTable"], "lang": { "en-us": { "role": { "label": "Concentration Risk Benchmark [Axis]", "documentation": "Information by type of concentration risk, for example, but not limited to, asset, liability, net assets, geographic, customer, employees, supplier, lender." } } }, "auth_ref": ["r31", "r32", "r60", "r61", "r313", "r798", "r1032"] }, "us-gaap_ConcentrationRiskDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskDisclosureTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConcentrationonRevenuesandCostofGoodsSold"], "lang": { "en-us": { "role": { "terseLabel": "CONCENTRATION ON REVENUES AND COST OF GOODS SOLD", "label": "Concentration Risk Disclosure [Text Block]", "documentation": "The entire disclosure for any concentrations existing at the date of the financial statements that make an entity vulnerable to a reasonably possible, near-term, severe impact. This disclosure informs financial statement users about the general nature of the risk associated with the concentration, and may indicate the percentage of concentration risk as of the balance sheet date." } } }, "auth_ref": ["r105"] }, "us-gaap_ConcentrationRiskLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskLineItems", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofConcentrationofMajorCustomersandSuppliersTable"], "lang": { "en-us": { "role": { "label": "Concentration Risk [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r798"] }, "us-gaap_ConcentrationRiskPercentage1": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskPercentage1", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConcentrationonRevenuesandCostofGoodsSoldDetails", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofConcentrationofMajorCustomersandSuppliersTable", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofMajorCustomersofAccountsReceivableTable"], "lang": { "en-us": { "role": { "terseLabel": "Customer percentage", "verboseLabel": "Percentage of revenues", "netLabel": "Concentration risk percentage", "label": "Concentration Risk, Percentage", "documentation": "For an entity that discloses a concentration risk in relation to quantitative amount, which serves as the \"benchmark\" (or denominator) in the equation, this concept represents the concentration percentage derived from the division." } } }, "auth_ref": ["r31", "r32", "r60", "r61", "r313"] }, "us-gaap_ConcentrationRiskTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskTable", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofConcentrationofMajorCustomersandSuppliersTable"], "lang": { "en-us": { "role": { "label": "Concentration Risk [Table]", "documentation": "Disclosure of information about concentration risk. Includes, but is not limited to, percentage of concentration risk and benchmark serving as denominator in calculation of percentage of concentration risk." } } }, "auth_ref": ["r30", "r31", "r32", "r33", "r60", "r121", "r798"] }, "us-gaap_ConcentrationRiskTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskTypeDomain", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofConcentrationofMajorCustomersandSuppliersTable", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofMajorCustomersofAccountsReceivableTable"], "lang": { "en-us": { "role": { "label": "Concentration Risk Type [Domain]", "documentation": "For an entity that discloses a concentration risk as a percentage of some financial balance or benchmark, identifies the type (for example, asset, liability, net assets, geographic, customer, employees, supplier, lender) of the concentration." } } }, "auth_ref": ["r31", "r32", "r60", "r61", "r313", "r798"] }, "gtec_ConcentrationonRevenuesandCostofGoodsSoldDetailsLineItems": { "xbrltype": "stringItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "ConcentrationonRevenuesandCostofGoodsSoldDetailsLineItems", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConcentrationonRevenuesandCostofGoodsSoldDetails"], "lang": { "en-us": { "role": { "label": "Concentration on Revenues and Cost of Goods Sold [Line Items]" } } }, "auth_ref": [] }, "gtec_ConcentrationonRevenuesandCostofGoodsSoldDetailsScheduleofMajorCustomersofAccountsReceivableTable": { "xbrltype": "stringItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "ConcentrationonRevenuesandCostofGoodsSoldDetailsScheduleofMajorCustomersofAccountsReceivableTable", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofMajorCustomersofAccountsReceivableTable"], "lang": { "en-us": { "role": { "label": "Concentration on Revenues and Cost of Goods Sold (Details) - Schedule of Major Customers of Accounts Receivable [Table]" } } }, "auth_ref": [] }, "gtec_ConcentrationonRevenuesandCostofGoodsSoldDetailsTable": { "xbrltype": "stringItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "ConcentrationonRevenuesandCostofGoodsSoldDetailsTable", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConcentrationonRevenuesandCostofGoodsSoldDetails"], "lang": { "en-us": { "role": { "label": "Concentration on Revenues and Cost of Goods Sold (Details) [Table]" } } }, "auth_ref": [] }, "srt_CondensedBalanceSheetStatementTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "CondensedBalanceSheetStatementTable", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofSupplementalBalanceSheetTable"], "lang": { "en-us": { "role": { "label": "Condensed Balance Sheet Statement [Table]", "documentation": "Disclosure of information about condensed balance sheet, including, but not limited to, balance sheets of consolidated entities and consolidation eliminations." } } }, "auth_ref": ["r162", "r246", "r1027"] }, "srt_CondensedBalanceSheetStatementsCaptionsLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "CondensedBalanceSheetStatementsCaptionsLineItems", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofSupplementalBalanceSheetTable"], "lang": { "en-us": { "role": { "label": "Schedule of Supplemental Balance Sheet [Abstract]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r162", "r246", "r1027"] }, "srt_CondensedFinancialStatementsCaptionsLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "CondensedFinancialStatementsCaptionsLineItems", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofSubsidiaryIncludedintheseUnauditedConsolidatedFinancialStatementsTable"], "lang": { "en-us": { "role": { "label": "Schedule of Subsidiary Included in these Unaudited Consolidated Financial Statements [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r162", "r188", "r189", "r190", "r246", "r1027"] }, "srt_CondensedStatementOfIncomeCaptionsLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "CondensedStatementOfIncomeCaptionsLineItems", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/IncomeTaxesDetails"], "lang": { "en-us": { "role": { "label": "Income Taxes [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r162", "r246", "r1027"] }, "us-gaap_ConsolidationPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConsolidationPolicyTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Principles of Consolidation", "label": "Consolidation, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy regarding (1) the principles it follows in consolidating or combining the separate financial statements, including the principles followed in determining the inclusion or exclusion of subsidiaries or other entities in the consolidated or combined financial statements and

(2) its treatment of interests (for example, common stock, a partnership interest or other means of exerting influence) in other entities, for example consolidation or use of the equity or cost methods of accounting. The accounting policy may also address the accounting treatment for intercompany accounts and transactions, noncontrolling interest, and the income statement treatment in consolidation for issuances of stock by a subsidiary." } } }, "auth_ref": ["r50", "r820"] }, "gtcc_ConstructionInProgressPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "ConstructionInProgressPolicyTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Construction in process", "documentation": "Construction in process.", "label": "Construction In Process Policy Text Block" } } }, "auth_ref": [] }, "us-gaap_ConstructionInProgressGross": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConstructionInProgressGross", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofPropertyPlantandEquipmentTable": { "parentTag": "us-gaap_PropertyPlantAndEquipmentOtherNet", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/PropertyPlantandEquipmentandConstructionInProgressDetails", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofPropertyPlantandEquipmentTable"], "lang": { "en-us": { "role": { "terseLabel": "Construction in process", "verboseLabel": "Construction in progress", "label": "Construction in Progress, Gross", "documentation": "Amount of structure or a modification to a structure under construction. Includes recently completed structures or modifications to structures that have not been placed into service." } } }, "auth_ref": ["r111"] }, "us-gaap_ConstructionInProgressMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConstructionInProgressMember", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/PropertyPlantandEquipmentandConstructionInProgressDetails"], "lang": { "en-us": { "role": { "terseLabel": "Construction in Progress [Member]", "label": "Construction in Progress [Member]", "documentation": "Structure or a modification to a structure under construction. Includes recently completed structures or modifications to structures that have not been placed into service." } } }, "auth_ref": [] }, "dei_ContactPersonnelEmailAddress": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "ContactPersonnelEmailAddress", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Contact Personnel Email Address", "documentation": "Email address of contact personnel." } } }, "auth_ref": [] }, "dei_ContactPersonnelFaxNumber": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "ContactPersonnelFaxNumber", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Contact Personnel Fax Number", "documentation": "Fax Number of contact personnel." } } }, "auth_ref": ["r916"] }, "dei_ContactPersonnelName": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "ContactPersonnelName", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Contact Personnel Name", "documentation": "Name of contact personnel" } } }, "auth_ref": [] }, "dei_ContainedFileInformationFileDescription": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "ContainedFileInformationFileDescription", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Contained File Information, File Description", "documentation": "The description of the contained file." } } }, "auth_ref": [] }, "dei_ContainedFileInformationFileName": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "ContainedFileInformationFileName", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Contained File Information, File Name", "documentation": "The name of the contained file." } } }, "auth_ref": [] }, "dei_ContainedFileInformationFileNumber": { "xbrltype": "fileNumberItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "ContainedFileInformationFileNumber", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Contained File Information, File Number", "documentation": "The SEC Document Number of the contained file." } } }, "auth_ref": [] }, "dei_ContainedFileInformationFileType": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "ContainedFileInformationFileType", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Contained File Information, File Type", "documentation": "The type or format of the contained file (usually XBRL but may be used for other types such as HTML, Word, PDF, GIF/JPG, etc.)." } } }, "auth_ref": [] }, "gtcc_ContinuingAndDiscontinuedOperationsMember": { "xbrltype": "domainItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "ContinuingAndDiscontinuedOperationsMember", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofSalesbyGeographicalAreaTable"], "lang": { "en-us": { "role": { "terseLabel": "Continuing and discontinued operations [Member]", "verboseLabel": "Continuing and Discontinued Operations [Member]", "label": "Continuing And Discontinued Operations Member" } } }, "auth_ref": [] }, "us-gaap_ContractWithCustomerAssetAndLiabilityTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractWithCustomerAssetAndLiabilityTableTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/DeferredRevenueTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Deferred Revenue", "label": "Contract with Customer, Contract Asset, Contract Liability, and Receivable [Table Text Block]", "documentation": "Tabular disclosure of receivable, contract asset, and contract liability from contract with customer. Includes, but is not limited to, change in contract asset and contract liability." } } }, "auth_ref": ["r1104"] }, "us-gaap_ContractWithCustomerLiabilityNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractWithCustomerLiabilityNoncurrent", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet": { "parentTag": "us-gaap_LiabilitiesNoncurrent", "weight": 1.0, "order": 2.0 }, "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofDeferredRevenueTable": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofDeferredRevenueTable"], "lang": { "en-us": { "role": { "terseLabel": "Deferred revenue", "totalLabel": "Total", "label": "Contract with Customer, Liability, Noncurrent", "documentation": "Amount of obligation to transfer good or service to customer for which consideration has been received or is receivable, classified as noncurrent." } } }, "auth_ref": ["r408", "r409", "r427"] }, "us-gaap_CostOfGoodsAndServicesSold": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CostOfGoodsAndServicesSold", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedIncomeStatement": { "parentTag": "us-gaap_GrossProfit", "weight": -1.0, "order": 2.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedIncomeStatement"], "lang": { "en-us": { "role": { "terseLabel": "Cost of goods sold", "label": "Cost of Goods and Services Sold", "documentation": "The aggregate costs related to goods produced and sold and services rendered by an entity during the reporting period. This excludes costs incurred during the reporting period related to financial services rendered and other revenue generating activities." } } }, "auth_ref": ["r93", "r94", "r584"] }, "us-gaap_CostOfGoodsAndServicesSoldAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CostOfGoodsAndServicesSoldAbstract", "lang": { "en-us": { "role": { "label": "Concentration on Revenues and Cost of Goods Sold [Abstract]" } } }, "auth_ref": [] }, "us-gaap_CostOfRevenue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CostOfRevenue", "crdr": "debit", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/PropertyPlantandEquipmentandConstructionInProgressDetails"], "lang": { "en-us": { "role": { "terseLabel": "Cost of revenue", "label": "Cost of Revenue", "documentation": "The aggregate cost of goods produced and sold and services rendered during the reporting period." } } }, "auth_ref": ["r95", "r241", "r321", "r354", "r355", "r356", "r357", "r358", "r359", "r360", "r361", "r362", "r541", "r830", "r1100"] }, "us-gaap_CostOfSalesPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CostOfSalesPolicyTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Cost of Goods Sold", "label": "Cost of Goods and Service [Policy Text Block]", "documentation": "Disclosure of accounting policy for cost of product sold and service rendered." } } }, "auth_ref": ["r1036"] }, "dei_CountryRegion": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CountryRegion", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Country Region", "documentation": "Region code of country" } } }, "auth_ref": [] }, "dei_CoverAbstract": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CoverAbstract", "lang": { "en-us": { "role": { "label": "Cover [Abstract]", "documentation": "Cover page." } } }, "auth_ref": [] }, "dei_CurrentFiscalYearEndDate": { "xbrltype": "gMonthDayItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CurrentFiscalYearEndDate", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Current Fiscal Year End Date", "documentation": "End date of current fiscal year in the format --MM-DD." } } }, "auth_ref": [] }, "us-gaap_CustomerConcentrationRiskMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CustomerConcentrationRiskMember", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConcentrationOnRevenuesandCostofGoodsSoldDetails", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofConcentrationofMajorCustomersandSuppliersTable", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofMajorCustomersofAccountsReceivableTable"], "lang": { "en-us": { "role": { "terseLabel": "Customer Concentration Risk [Member]", "label": "Customer Concentration Risk [Member]", "documentation": "Reflects the percentage that revenues in the period from one or more significant customers is to net revenues, as defined by the entity, such as total net revenues, product line revenues, segment revenues. The risk is the materially adverse effects of loss of a significant customer." } } }, "auth_ref": ["r106", "r313"] }, "us-gaap_DebtDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtDisclosureAbstract", "lang": { "en-us": { "role": { "label": "Short Term Bank Loans [Abstract]" } } }, "auth_ref": [] }, "us-gaap_DebtDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtDisclosureTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/NotesPayableBankAcceptanceNotes"], "lang": { "en-us": { "role": { "terseLabel": "NOTES PAYABLE-BANK ACCEPTANCE NOTES", "label": "Debt Disclosure [Text Block]", "documentation": "The entire disclosure for information about short-term and long-term debt arrangements, which includes amounts of borrowings under each line of credit, note payable, commercial paper issue, bonds

indenture, debenture issue, own-share lending arrangements and any other contractual agreement to repay funds, and about the underlying arrangements, rationale for a classification as long-term, including repayment terms, interest rates, collateral provided, restrictions on use of assets and activities, whether or not in compliance with debt covenants, and other matters important to users of the financial statements, such as the effects of refinancing and noncompliance with debt covenants." } } }, "auth_ref": ["r114", "r239", "r339", "r340", "r341", "r342", "r343", "r352", "r353", "r363", "r369", "r370", "r371", "r372", "r373", "r374", "r379", "r386", "r387", "r389", "r553"] }, "us-gaap_DebtInstrumentAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentAxis", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/NotesPayableBankAcceptanceNotesDetails", "http://greenlandtechnologiesholdingcorp.com/role/NotesReceivableDetails"], "lang": { "en-us": { "role": { "label": "Debt Instrument [Axis]", "documentation": "Information by type of debt instrument, including, but not limited to, draws against credit facilities." } } }, "auth_ref": ["r16", "r69", "r70", "r124", "r128", "r246", "r364", "r365", "r366", "r367", "r368", "r370", "r375", "r376", "r377", "r378", "r380", "r381", "r382", "r383", "r384", "r385", "r841", "r842", "r843", "r844", "r845", "r870", "r1058", "r1091", "r1092", "r1093", "r1124", "r1125"] }, "us-gaap_DebtInstrumentInterestRateDuringPeriod": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentInterestRateDuringPeriod", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/RelatedPartyTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Annual interest rate", "label": "Debt Instrument, Interest Rate During Period", "documentation": "The average effective interest rate during the reporting period." } } }, "auth_ref": ["r72", "r382", "r1124"] }, "us-gaap_DebtInstrumentInterestRateStatedPercentage": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentInterestRateStatedPercentage", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/NotesPayableBankAcceptanceNotesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Principal amount as commission percentage", "label": "Debt Instrument, Interest Rate, Stated Percentage", "documentation": "Contractual interest rate for funds borrowed, under the debt agreement." } } }, "auth_ref": ["r72", "r365"] }, "us-gaap_DebtInstrumentIssuedPrincipal": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentIssuedPrincipal", "crdr": "credit", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ShortTermBankLoansDetails"], "lang": { "en-us": { "role": { "terseLabel": "Principal amount", "label": "Debt Instrument, Issued, Principal", "documentation": "Amount of principal of debt issued." } } }, "auth_ref": ["r668"] }, "us-gaap_DebtInstrumentLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentLineItems", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/NotesPayableBankAcceptanceNotesDetails"], "lang": { "en-us": { "role": { "label": "Notes Payable [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r246", "r364", "r365", "r366", "r367", "r368", "r370", "r375", "r376", "r377", "r378", "r380", "r381", "r382", "r383", "r384", "r385", "r388", "r841", "r842", "r843", "r844", "r845", "r870", "r1058", "r1124", "r1125"] }, "us-gaap_DebtInstrumentNameDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentNameDomain", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/NotesPayableBankAcceptanceNotesDetails", "http://greenlandtechnologiesholdingcorp.com/role/NotesReceivableDetails"], "lang": { "en-us": { "role": { "label": "Debt Instrument, Name [Domain]", "documentation": "The name for the particular debt instrument or borrowing that distinguishes it from other debt instruments or borrowings, including draws against credit facilities." } } }, "auth_ref": ["r16", 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Includes production and non-production related depreciation." } } }, "auth_ref": ["r6", "r38"] }, "us-gaap_DepreciationDepletionAndAmortization": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DepreciationDepletionAndAmortization", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow"], "lang": { "en-us": { "role": { "terseLabel": "Depreciation and amortization", "label": "Depreciation, Depletion and Amortization", "documentation": "The aggregate expense recognized in the current period that allocates the cost of tangible assets, intangible assets, or depleting assets to periods that benefit from use of the assets." } } }, "auth_ref": ["r6", "r276", "r289", "r305", "r830", "r831"] }, "us-gaap_DerivativeAverageFixedInterestRate": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeAverageFixedInterestRate", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ShortTermBankLoansDetails"], "lang": { "en-us": { "role": { "terseLabel": "Annual interest rate, percentage", "label": "Derivative, Average Fixed Interest Rate", "documentation": "Average fixed interest rate related to the group of interest rate derivatives." } } }, "auth_ref": [] }, "us-gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeInstrumentsAndHedgingActivitiesDisclosureAbstract", "lang": { "en-us": { "role": { "label": "Warrant Liability [Abstract]" } } }, "auth_ref": [] }, "us-gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/WarrantLiability"], "lang": { "en-us": { "role": { "terseLabel": "WARRANT LIABILITY", "label": "Derivative Instruments and Hedging Activities Disclosure [Text Block]", "documentation": "The entire disclosure for derivative instruments and hedging activities including, but not limited to, risk management strategies, non-hedging derivative instruments, assets, liabilities, revenue and expenses, and methodologies and assumptions used in determining the amounts." } } }, "auth_ref": ["r120", "r513", "r520"] }, "us-gaap_DerivativeLiabilitiesNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeLiabilitiesNoncurrent", "crdr": "credit", "calculation": {

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Includes assets not subject to a master netting arrangement and not elected to be offset." } } }, "auth_ref": ["r216"] }, "us-gaap_DerivativesPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativesPolicyTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Warrants", "label": "Derivatives, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy for its derivative instruments and hedging activities." } } }, "auth_ref": ["r13", "r55", "r56", "r57", "r59", "r245", "r260"] }, "us-gaap_DisaggregationOfRevenueLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisaggregationOfRevenueLineItems", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofSetsForthDisaggregationOfRevenueTable"], "lang": { "en-us": { "role": { "label": "Schedule of Sets Forth Disaggregation of Revenue [Line Items]", "documentation": "Line items represent financial concepts included in a table. 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Usually it is a system-assigned date time value, but it may be declared by the submitter in some cases." } } }, "auth_ref": [] }, "dei_DocumentFinStmtErrorCorrectionFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentFinStmtErrorCorrectionFlag", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Document Financial Statement Error Correction [Flag]", "documentation": "Indicates whether any of the financial statement period in the filing include a restatement due to error correction." } } }, "auth_ref": ["r913", "r916", "r928", "r979"] }, "dei_DocumentFinStmtRestatementRecoveryAnalysisFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentFinStmtRestatementRecoveryAnalysisFlag", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Document Financial Statement Restatement Recovery Analysis [Flag]", "documentation": "Indicates whether any of the financial statement periods include restatements that required a recovery analysis of incentive-based compensation received by any of the registrant's executive officers during the relevant recovery period pursuant to \u00a7240.10D-1(b)."} } } }, "auth_ref": ["r913", "r916", "r928", "r979"] }, "dei_DocumentFiscalPeriodFocus": { "xbrltype": "fiscalPeriodItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentFiscalPeriodFocus", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Document Fiscal Period Focus", "documentation": "Fiscal period values are FY, Q1, Q2, and Q3. 1st, 2nd and 3rd quarter 10-Q or 10-QT statements have value Q1, Q2, and Q3 respectively, with 10-K, 10-KT or other fiscal year statements having FY." } } }, "auth_ref": [] }, "dei_DocumentFiscalYearFocus": { "xbrltype": "gYearItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentFiscalYearFocus", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Document Fiscal Year Focus", "documentation": "This is focus fiscal year of the document report in YYYY format. 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An example is 'A New Period of Growth.'" } } }, "auth_ref": [] }, "dei DocumentSynopsis": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentSynopsis", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Document Synopsis", "documentation": "A synopsis or description of the document provided by the creator or publisher. Examples are 'This is the 2006 annual report for Company. During this period we saw revenue grow by 10% and earnings per share grow by 15% over the prior period'" } } }, "auth_ref": [] }, "dei DocumentTitle": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentTitle", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Document Title", "documentation": "The name or title given to the document resource by the creator or publisher. 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Addresses all significant policy factors, including any antidilutive items that have been excluded from the computation and takes into account stock dividends, splits and reverse splits that occur after the balance sheet date of the latest reporting period but before the issuance of the financial statements." } } }, "auth_ref": ["r28", "r29", "r272"] }, "us-gaap_EarningsPerShareTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/EarningsPerShare", "lang": { "en-us": { "role": { "terseLabel": "EARNINGS PER SHARE", "label": "Earnings Per Share [Text Block]", "documentation": "The entire disclosure for earnings per share." } } }, "auth_ref": ["r262", "r271", "r273", "r274"] }, "us-gaap_EffectOfExchangeRateOnCashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectOfExchangeRateOnCashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents", "crdr": "debit", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow", "lang": { "en-us": { "role": { "terseLabel": "Effect of exchange rate changes on cash", "label": "Effect of Exchange Rate on Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Continuing Operations", "documentation": "Amount of increase (decrease) from effect of exchange rate changes on cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; held in foreign currencies. Excludes amounts for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": ["r543"] }, "gtec_EffectOfFXChange": { "xbrltype": "monetaryItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "EffectOfFXChange", "crdr": "debit", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofChangesintheAllowanceforExpectedCreditLossesTable", "lang": { "en-us": { "role": { "negatedLabel": "Effect of foreign exchange change", "documentation": "Effect of FX change", "label": "Effect Of FXChange" } } }, "auth_ref": [] }, "dei_EffectiveAfter60Days486a": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EffectiveAfter60Days486a", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover", "lang": { "en-us": { "role": { "label": "Effective after 60 Days, 486(a)", "auth_ref": ["r1018"] }, "us-gaap_EffectiveIncomeTaxRateContinuingOperations": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectiveIncomeTaxRateContinuingOperations", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/IncomeTaxesDetails", "lang": { "en-us": { "role": { "terseLabel": "Corporate tax rate", "label": "Effective Income Tax Rate Reconciliation, Percent", "documentation": "Percentage of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations." } } }, "auth_ref": ["r475", "r861"] }, "us-gaap_EffectiveIncomeTaxRateReconciliationTaxCredits": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectiveIncomeTaxRateReconciliationTaxCredits", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/SummaryofSignificantAccountingPoliciesDetails", "lang": { "en-us": { "role": { "terseLabel": "Income tax rate", "label": "Effective Income Tax Rate Reconciliation, Tax Credit, Percent", "documentation": "Percentage of the difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic federal statutory income tax rates to pretax income (loss) from continuing operations attributable to tax credits. Including, but not limited to, research credit, foreign tax credit, investment tax credit, and other tax credits." } } }, "auth_ref": ["r476", "r477", "r1061", "r1109"] }, "dei_EffectiveOnDate486a": { "xbrltype": "dateItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EffectiveOnDate486a", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover", "lang": { "en-us": { "role": { "label": "Effective on Date, 486(a)", "auth_ref": ["r1018"] }, "dei_EffectiveOnDate486b": { "xbrltype": "dateItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EffectiveOnDate486b", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover", "lang": { "en-us": { "role": { "label": "Effective on Set Date, 486(b)", "auth_ref": ["r1019"] }, "dei_EffectiveOnSetDate486a": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EffectiveOnSetDate486a", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover", "lang": { "en-us": { "role": { 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This can either be US GAAP as promulgated by the FASB or IFRS as promulgated by the IASB. Example: 'US GAAP', 'IFRS'. This is distinct from the Document Accounting Standard element." } } }, "auth_ref": [] }, "dei_EntityAddressAddressDescription": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressAddressDescription", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover", "lang": { "en-us": { "role": { "label": "Entity Address, Address Description", "documentation": "Description of the kind of address for the entity, if needed to distinguish more finely among mailing, principal, legal, accounting, contact or other addresses." } } }, "auth_ref": [] }, "dei_EntityAddressAddressLine1": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressAddressLine1", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover", "lang": { "en-us": { "role": { "label": "Entity Address, Address Line One", "documentation": "Address Line 1 such as Attn, Building Name, Street Name" } } }, "auth_ref": [] }, "dei_EntityAddressAddressLine2": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressAddressLine2", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover", "lang": { "en-us": { "role": { "label": "Entity Address, Address Line Two", "documentation": "Address Line 2 such as Street or Suite number" } } }, "auth_ref": [] }, "dei_EntityAddressAddressLine3": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressAddressLine3", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover", "lang": { "en-us": { "role": { "label": "Entity Address, Address Line Three", "documentation": "Address Line 3 such as an Office Park" } } }, "auth_ref": [] }, "dei_EntityAddressCityOrTown": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressCityOrTown", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover", "lang": { "en-us": { "role": { "label": "Entity Address, City or Town", "documentation": "Name of the City or Town" } } }, "auth_ref": [] }, "dei_EntityAddressCountry": { "xbrltype": "countryCodeItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressCountry", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover", "lang": { "en-us": { "role": { "label": "Entity Address, Country", "documentation": "Country code" } } }, "auth_ref": [] }, "dei_EntityAddressPostalCode": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressPostalCode", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover", "lang": { "en-us": { "role": { "label": "Entity Address, Postal Code", "documentation": "Postal code" } } }, "auth_ref": [] }, "dei_EntityAddressMailingAddress": { "xbrltype": "stringItemType", "nsuri

"EntityAddressCountry", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Address, Country", "documentation": "ISO 3166-1 alpha-2 country code." } } }, "auth_ref": [] }, "dei_EntityAddressPostalZipCode": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressPostalZipCode", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Address, Postal Zip Code", "documentation": "Code for the postal or zip code." } } }, "auth_ref": [] }, "dei_EntityAddressStateOrProvince": { "xbrltype": "stateOrProvinceItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressStateOrProvince", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Address, State or Province", "documentation": "Name of the state or province." } } }, "auth_ref": [] }, "dei_EntityAddressesAddressTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressesAddressTypeAxis", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Addresses, Address Type [Axis]", "documentation": "The axis of a table defines the relationship between the domain members or categories in the table and the line items or concepts that complete the table." } } }, "auth_ref": [] }, "dei_EntityAddressesLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressesLineItems", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Addresses [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": [] }, "dei_EntityAddressesTable": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressesTable", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Addresses [Table]", "documentation": "Container of address information for the entity." } } }, "auth_ref": ["r904"] }, "dei_EntityBankruptcyProceedingsReportingCurrent": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityBankruptcyProceedingsReportingCurrent", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Bankruptcy Proceedings, Reporting Current", "documentation": "For registrants involved in bankruptcy proceedings during the preceding five years, the value Yes indicates that the registrant has filed all documents and reports required to be filed by Section 12, 13 or 15(d) of the Securities Exchange Act of 1934 subsequent to the distribution of securities under a plan confirmed by a court; the value No indicates the registrant has not. Registrants not involved in bankruptcy proceedings during the preceding five years should not report this element." } } }, "auth_ref": ["r908"] }, "dei_EntityCentralIndexKey": { "xbrltype": "centralIndexKeyItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityCentralIndexKey", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Central Index Key", "documentation": "A unique 10-digit SEC-issued value to identify entities that have filed disclosures with the SEC. It is commonly abbreviated as CIK." } } }, "auth_ref": ["r904"] }, "dei_EntityCommonStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityCommonStockSharesOutstanding", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Common Stock, Shares Outstanding", "documentation": "Indicate number of shares or other units outstanding of each of registrant's classes of capital or common stock or other ownership interests, if and as stated on cover of related periodic report. Where multiple classes or units exist define each class/interest by adding class of stock items such as Common Class A [Member], Common Class B [Member] or Partnership Interest [Member] onto the Instrument [Domain] of the Entity Listings, Instrument." } } }, "auth_ref": [] }, "dei_EntityContactPersonnelLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityContactPersonnelLineItems", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Contact Personnel [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": [] }, "dei_EntityCurrentReportingStatus": { "xbrltype": "yesNoItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityCurrentReportingStatus", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Current Reporting Status", "documentation": "Indicate 'Yes' or 'No' whether registrants (1) have filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that registrants were required to file such reports), and (2) have been subject to such filing requirements for the past 90 days. This information should be based on the registrant's current or most recent filing containing the related disclosure." } } }, "auth_ref": [] }, "dei_EntityDomain": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityDomain", "presentation": ["http://xbrl.sec.gov/dei/role/document/AuditInformation", "http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity [Domain]", "documentation": "All the names of the entities being reported upon in a document. Any legal structure used to conduct activities or to hold assets. Some examples of such structures are corporations, partnerships, limited liability companies, grantor trusts, and other trusts. This item does not include business and geographical segments which are included in the geographical or business segments domains." } } }, "auth_ref": [] }, "dei_EntityEmergingGrowthCompany": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityEmergingGrowthCompany", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Emerging Growth Company", "documentation": "Indicate if registrant meets the emerging growth company criteria." } } }, "auth_ref": ["r904"] }, "dei_EntityExTransitionPeriod": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityExTransitionPeriod", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Ex Transition Period", "documentation": "Indicate if an emerging growth company has elected not to use the extended transition period for complying with any new or revised financial accounting standards." } } }, "auth_ref": ["r1020"] }, "dei_EntityFileNumber": { "xbrltype": "fileNumberItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityFileNumber", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity File Number", "documentation": "Commission file number. The field allows up to 17 characters. The prefix may contain 1-3 digits, the sequence number may contain 1-8 digits, the optional suffix may contain 1-4 characters, and the fields are separated with a hyphen." } } }, "auth_ref": [] }, "dei_EntityFilerCategory": { "xbrltype": "filerCategoryItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityFilerCategory", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Filer Category", "documentation": "Indicate whether the registrant is one of the following: Large Accelerated Filer, Accelerated Filer, Non-accelerated Filer. Definitions of these categories are stated in Rule 12b-2 of the Exchange Act. This information should be based on the registrant's current or most recent filing containing the related disclosure." } } }, "auth_ref": ["r904"] }, "dei_EntityHomeCountryISOCode": { "xbrltype": "countryCodeItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityHomeCountryISOCode", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Home Country ISO Code", "documentation": "ISO 3166-1 alpha-2 country code for the Entity's home country. If home country is different from country of legal incorporation, then also provide country of legal incorporation in the 'Entity Incorporation, State Country Code' element." } } }, "auth_ref": [] }, "dei_EntityIncorporationDateOffIncorporation": { "xbrltype": "dateItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityIncorporationDateOffIncorporation", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Incorporation, Date of Incorporation", "documentation": "Date when an entity was incorporated." } } }, "auth_ref": [] }, "dei_EntityIncorporationStateCountryCode": { "xbrltype": "edgarStateCountryItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityIncorporationStateCountryCode", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Incorporation, State or Country Code", "documentation": "Two-character EDGAR code representing the state or country of incorporation." } } }, "auth_ref": [] }, "dei_EntityInformationFormerLegalOrRegisteredName": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityInformationFormerLegalOrRegisteredName", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Information, Former Legal or Registered Name", "documentation": "Former Legal or Registered Name of an entity." } } }, "auth_ref": [] }, "dei_EntityInformationLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityInformationLineItems", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Information [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": [] }, "dei_EntityInteractiveDataCurrent": { "xbrltype": "yesNoItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityInteractiveDataCurrent", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Interactive Data Current", "documentation": "Boolean flag that is true when the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit such files)." } } }, "auth_ref": ["r1009"] }, "dei_EntityInvCompanyType": { "xbrltype": "invCompanyType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityInvCompanyType", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Inv Company Type", "documentation": "One of: N-1A (Mutual Fund), N-1 (Open-End Separate Account with No Variable Annuities), N-2 (Closed-End Investment Company), N-3 (Separate Account Registered as Open-End Management Investment Company), N-4 (Variable Annuity UIT Separate Account), N-5 (Small Business Investment Company), N-6 (Variable Life UIT Separate Account), S-1 or S-3 (Face Amount Certificate Company), S-6 (UIT, Non-Insurance Product)." } } }, "auth_ref": ["r1008"] }, "dei_EntityLegalForm": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityLegalForm", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Legal Form", "documentation": "The details of the entity's legal form. Examples are partnership, limited liability company, trust, etc." } } }, "auth_ref": [] }, "dei_EntityListingDepositoryReceiptRatio": { "xbrltype": "pureItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityListingDepositoryReceiptRatio", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Listing, Depository Receipt Ratio", "documentation": "The number of underlying shares represented by one American Depository Receipt (ADR) or Global Depository Receipt (GDR). A value of '3' means that one ADR represents 3 underlying shares. If one underlying share represents 2 ADR's then

the value would be represented as '0.5.'" } } }, "auth_ref": [] }, "dei_EntityListingDescription": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityListingDescription", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Listing, Description", "documentation": "Description of the kind of listing the entity has on the exchange, if necessary to further describe different instruments that are already distinguished by Entity, Exchange and Security." } } }, "auth_ref": [] }, "dei_EntityListingForeign": { "xbrltype": "yesNoItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityListingForeign", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Listing, Foreign", "documentation": "Yes or No value indicating whether this is a listing that is a foreign listing or depository receipt." } } }, "auth_ref": [] }, "dei_EntityListingParValuePerShare": { "xbrltype": "perShareItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityListingParValuePerShare", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Listing, Par Value Per Share", "documentation": "The par value per share of security quoted in same currency as Trading currency. Example: '0.01.'" } } }, "auth_ref": [] }, "dei_EntityListingPrimary": { "xbrltype": "yesNoItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityListingPrimary", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Listing, Primary", "documentation": "Yes or No value indicating whether a listing of an instrument on an exchange is primary for the entity." } } }, "auth_ref": [] }, "dei_EntityListingSecurityTradingCurrency": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityListingSecurityTradingCurrency", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Listing, Security Trading Currency", "documentation": "The three character ISO 4217 code for the currency in which the security is quoted. Example: 'USD'" } } }, "auth_ref": [] }, "dei_EntityListingsExchangeAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityListingsExchangeAxis", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Listings, Exchange [Axis]", "documentation": "The axis of a table defines the relationship between the domain members or categories in the table and the line items or concepts that complete the table." } } }, "auth_ref": [] }, "dei_EntityListingsLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityListingsLineItems", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Listings [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": [] }, "dei_EntityListingsTable": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityListingsTable", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Listings [Table]", "documentation": "Container for exchange listing information for an entity" } } }, "auth_ref": [] }, "dei_EntityNumberOfEmployees": { "xbrltype": "decimalItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityNumberOfEmployees", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Number of Employees", "documentation": "Number of persons employed by the Entity" } } }, "auth_ref": [] }, "dei_EntityPhoneFaxNumbersLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityPhoneFaxNumbersLineItems", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Phone Fax Numbers [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": [] }, "dei_EntityPrimarySicNumber": { "xbrltype": "sicNumberItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityPrimarySicNumber", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Primary SIC Number", "documentation": "Primary Standard Industrial Classification (SIC) Number for the Entity." } } }, "auth_ref": ["r928"] }, "dei_EntityPublicFloat": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityPublicFloat", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Public Float", "documentation": "The aggregate market value of the voting and non-voting common equity held by non-affiliates computed by reference to the price at which the common equity was last sold, or the average bid and asked price of such common equity, as of the last business day of the registrant's most recently completed second fiscal quarter." } } }, "auth_ref": [] }, "dei_EntityRegistrantName": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityRegistrantName", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Registrant Name", "documentation": "The exact name of the entity filing the report as specified in its charter, which is required by forms filed with the SEC." } } }, "auth_ref": ["r904"] }, "dei_EntityReportingCurrencyISOCode": { "xbrltype": "currencyItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityReportingCurrencyISOCode", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Reporting Currency ISO Code", "documentation": "The three character ISO 4217 code for the currency used for reporting purposes. Example: 'USD.'" } } }, "auth_ref": [] }, "dei_EntityShellCompany": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityShellCompany", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Shell Company", "documentation": "Boolean flag that is true when the registrant is a shell company as defined in Rule 12b-2 of the Exchange Act." } } }, "auth_ref": ["r904"] }, "dei_EntitySmallBusiness": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntitySmallBusiness", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Small Business", "documentation": "Indicates that the company is a Smaller Reporting Company (SRC)." } } }, "auth_ref": ["r904"] }, "dei_EntityTaxIdentificationNumber": { "xbrltype": "employerIdItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityTaxIdentificationNumber", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Tax Identification Number", "documentation": "The Tax Identification Number (TIN), also known as an Employer Identification Number (EIN), is a unique 9-digit value assigned by the IRS." } } }, "auth_ref": ["r904"] }, "dei_EntityTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityTextBlock", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity [Text Block]", "documentation": "Container to serve as parent of six Entity related Table concepts." } } }, "auth_ref": [] }, "dei_EntityVoluntaryFilers": { "xbrltype": "yesNoItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityVoluntaryFilers", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Voluntary Filers", "documentation": "Indicate 'Yes' or 'No' if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act." } } }, "auth_ref": [] }, "dei_EntityWellKnownSeasonedIssuer": { "xbrltype": "yesNoItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityWellKnownSeasonedIssuer", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Well-known Seasoned Issuer", "documentation": "Indicate 'Yes' or 'No' if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Is used on Form Type: 10-K, 10-Q, 8-K, 20-F, 6-K, 10-K/A, 10-Q/A, 20-F/A, 6-K/A, N-CSR, N-Q, N-1A." } } }, "auth_ref": ["r1011"] }, "us-gaap_EntityWideInformationRevenueFromExternalCustomerLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EntityWideInformationRevenueFromExternalCustomerLineItems", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofSalesbyGeographicalAreaTable"], "lang": { "en-us": { "role": { "label": "Schedule of Sales by Geographical Area [Line Items]", "documentation": "Line items represent financial concepts included in a table. 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These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": [] }, "us-gaap_ForeignCurrencyTransactionsAndTranslationsPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ForeignCurrencyTransactionsAndTranslationsPolicyTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Foreign Currency Translation", "label": "Foreign Currency Transactions and Translations Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy for (1) transactions denominated in a currency other than the reporting enterprise's functional currency, (2) translating foreign currency financial statements that are incorporated into the financial statements of the reporting enterprise by consolidation, combination, or the equity method of accounting, and (3) remeasurement of the financial statements of a foreign reporting enterprise in a hyperinflationary economy." } } }, "auth_ref": ["r542"] }, "ecd_ForgoneRecoveryDueToDisqualificationOfTaxBenefitsAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ForgoneRecoveryDueToDisqualificationOfTaxBenefitsAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Forgone Recovery due to Disqualification of Tax Benefits, Amount", "terseLabel": "Forgone Recovery due to Disqualification of Tax Benefits, Amount" } } }, "auth_ref": ["r925", "r936", "r952", "r987"] }, "ecd_ForgoneRecoveryDueToExpenseOfEnforcementAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ForgoneRecoveryDueToExpenseOfEnforcementAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Forgone Recovery due to Expense of 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Year End Fair Value of Equity Awards Granted in Any Prior Year that Fail to Meet Applicable Vesting Conditions During Covered Year [Member]", "terseLabel": "Prior Year End Fair Value of Equity Awards Granted in Any Prior Year that Fail to Meet Applicable Vesting Conditions During Covered Year" } } }, "auth_ref": ["r967"] }, "gtec_FreightFeeMember": { "xbrltype": "domainItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "FreightFeeMember", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofAccountsPayableTable"], "lang": { "en-us": { "role": { "terseLabel": "Freight fee [Member]", "label": "Freight Fee Member" } } }, "auth_ref": [] }, "us-gaap_FurnitureAndFixturesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FurnitureAndFixturesMember", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofEstimatedUsefulLivesTable"], "lang": { "en-us": { "role": { "terseLabel": "Fixed assets decoration [Member]", "label": "Furniture and Fixtures [Member]", "documentation": "Equipment commonly used in offices and stores that have no permanent connection to the structure of a building or utilities. Examples include, but are not limited to, desks, chairs, tables, and bookcases." } } }, "auth_ref": [] }, "us-gaap_GainLossOnDerivativeInstrumentsNetPretax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GainLossOnDerivativeInstrumentsNetPretax", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedIncomeStatement": { "parentTag": "us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedIncomeStatement"], "lang": { "en-us": { "role": { "terseLabel":

"Change in fair value of the warrant liability", "label": "Gain (Loss) on Derivative Instruments, Net, Pretax", "documentation": "Aggregate net gain (loss) on all derivative instruments recognized in earnings during the period, before tax effects." } } }, "auth_ref": ["r58"] } }, "us-gaap_GainLossOnSaleOfPropertyPlantEquipment": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GainLossOnSaleOfPropertyPlantEquipment", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedIncomeStatement": { "parentTag": "us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest", "weight": 1.0, "order": 4.0 }, "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": -1.0, "order": 16.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow", "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedIncomeStatement"], "lang": { "en-us": { "role": { "terseLabel": "Loss on disposal of property, plant and equipment", "negatedLabel": "Property, plant and equipment written off", "label": "Gain (Loss) on Disposition of Property Plant Equipment", "documentation": "Amount of gain (loss) on sale or disposal of property, plant and equipment assets, including oil and gas property and timber property." } } }, "auth_ref": ["r6"] }, "gtec_GainOnInvestorWarrantRecognized": { "xbrltype": "monetaryItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "GainOnInvestorWarrantRecognized", "crdr": "debit", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/WarrantLiabilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Gain on investor warrant recognized", "documentation": "Gain on investor warrant recognized." }, "label": "Gain On Investor Warrant Recognized" } } }, "auth_ref": [] }, "us-gaap_GeneralAndAdministrativeExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GeneralAndAdministrativeExpense", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedIncomeStatement": { "parentTag": "us-gaap_OperatingExpenses", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedIncomeStatement"], "lang": { "en-us": { "role": { "terseLabel": "General and administrative expenses", "label": "General and Administrative Expense", "documentation": "The aggregate total of expenses of managing and administering the affairs of an entity, including affiliates of the reporting entity, which are not directly or indirectly associated with the manufacture, sale or creation of a product or product line." } } }, "auth_ref": ["r97", "r735"] }, "us-gaap_GeneralInsuranceExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GeneralInsuranceExpense", "crdr": "debit", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/SummaryofSignificantAccountingPoliciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Insurance", "label": "General Insurance Expense", "documentation": "The expense in the period incurred with respect to protection provided by insurance entities against risks other than risks associated with production (which are allocated to cost of sales)." } } }, "auth_ref": ["r97"] }, "gtec_GeographicalSalesandSegmentsDetailsScheduleofSalesbyGeographicalAreaTable": { "xbrltype": "stringItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "GeographicalSalesandSegmentsDetailsScheduleofSalesbyGeographicalAreaTable", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofSalesbyGeographicalAreaTable"], "lang": { "en-us": { "role": { "label": "Geographical Sales and Segments (Details) - Schedule of Sales by Geographical Area [Table]" } } }, "auth_ref": [] }, "gtec_GovernmentSubsidiesPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "GovernmentSubsidiesPolicyTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Government Subsidies", "documentation": "Government subsidies.", "label": "Government Subsidies Policy Text Block" } } }, "auth_ref": [] }, "gtec_GrantIncomeIncentives": { "xbrltype": "monetaryItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "GrantIncomeIncentives", "crdr": "credit", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/DeferredRevenueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Grant income", "documentation": "Amount of government subsidy granted.", "label": "Grant Income Incentives" } } }, "auth_ref": [] }, "gtec_GrantTerm": { "xbrltype": "durationItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "GrantTerm", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Grant term", "documentation": "Grant term.", "label": "Grant Term" } } }, "auth_ref": [] }, "gtec_GreenlandHoldingEnterprisesIncMember": { "xbrltype": "domainItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "GreenlandHoldingEnterprisesIncMember", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofSubsidiaryIncludedintheseUnauditedConsolidatedFinancialStatementsTable"], "lang": { "en-us": { "role": { "terseLabel": "Greenland Holding Enterprises Inc. 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[Member]", "label": "Hangzhou Greenland Robotic Technologies Co Ltd Member" } } }, "auth_ref": [] }, "gtec_HengyuCapitalLtdMember": { "xbrltype": "domainItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "HengyuCapitalLtdMember", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/OrganizationandPrincipalActivitiesDetails", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofSubsidiaryIncludedintheseUnauditedConsolidatedFinancialStatementsTable"], "lang": { "en-us": { "role": { "terseLabel": "Hengyu Capital, Ltd [Member]", "verboseLabel": "Hengyu Capital, Ltd. 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An entity also may disclose its accounting policy for long-lived assets to be sold. This policy excludes goodwill and intangible assets." } } }, "auth_ref": ["r0", "r112"] }, "us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedIncomeStatement": { "parentTag": "us-gaap_ProfitLoss", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedIncomeStatement"], "lang": { "en-us": { "role": { "totalLabel": "INCOME BEFORE INCOME TAX", "label": "Income (Loss) from Continuing Operations before Income Taxes, Noncontrolling Interest", "documentation": "Amount of income (loss) from continuing operations, including income (loss) from equity method investments, before deduction of income tax expense (benefit), and income (loss) attributable to noncontrolling interest." } } }, "auth_ref": ["r92", "r135", "r140", "r621", "r637", "r824", "r830", "r1070", "r1072", "r1073", "r1074", "r1075"] }, "us-gaap_IncomeStatementAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeStatementAbstract", "lang": { "en-us": { "role": { "label": "Income Statement [Abstract]" } } }, "auth_ref": [] }, "us-gaap_IncomeTaxDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxDisclosureAbstract", "lang": { "en-us": { "role": { "label": "Income Taxes [Abstract]" } } }, "auth_ref": [] }, "us-gaap_IncomeTaxDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxDisclosureTextBlock" }

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interest and penalties in the financial statements." } } }, "auth_ref": ["r222", "r470", "r471", "r482", "r483", "r484", "r488", "r667"] }, "gtec_IncomeTaxesDetailsTable": { "xbrltype": "stringItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "IncomeTaxesDetailsTable", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/IncomeTaxesDetails"], "lang": { "en-us": { "role": { "label": "Income Taxes (Details) [Table]" } } }, "auth_ref": [] }, "us-gaap_IncomeTaxesPaidNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxesPaidNet", "crdr": "credit", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow"], "lang": { "en-us": { "role": { "terseLabel": "Income taxes paid", "label": "Income Taxes Paid, Net", "documentation": "Amount, after refund, of cash paid to foreign, federal, state, and local jurisdictions as income tax." } } }, "auth_ref": ["r27", 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Includes, but is not limited to, payment to settle zero-coupon bond for accreted interest of debt discount and debt instrument with insignificant coupon interest rate in relation to effective interest rate of borrowing attributable to accreted interest of debt discount." } } }, "auth_ref": ["r231", "r234", "r235"] }, "gtec_InterestRatePercentage": { "xbrltype": "percentItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "InterestRatePercentage", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/SummaryofSignificantAccountingPoliciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Interest rate percentage", "documentation": "Interest rate percentage.", "label": "Interest Rate Percentage" } } }, "auth_ref": [] }, "gtec_InternationalSalesMember": { "xbrltype": "domainItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "InternationalSalesMember", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofSalesbyGeographicalAreaTable"], "lang": { "en-us": { "role": { "terseLabel": "International Sales [Member]", "label": "International Sales Member" } } }, "auth_ref": [] }, "us-gaap_InventoryAdjustments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryAdjustments", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofInventoriesTable": { "parentTag": "us-gaap_InventoryNet", "weight": -1.0, "order": 6.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofInventoriesTable"], "lang": { "en-us": { "role": { "negatedLabel": "Less: inventory impairment", "label": "Inventory Adjustments", "documentation": "Amount of inventory reserves for last-in first-out (LIFO) and other inventory valuation methods." } } }, "auth_ref": ["r37", "r1046"] }, "us-gaap_InventoryAdjustmentsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryAdjustmentsAbstract", "lang": { "en-us": { "role": { "label": "Schedule of Inventories [Abstract]" } } }, "auth_ref": [] }, "us-gaap_InventoryDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryDisclosureAbstract", "lang": { "en-us": { "role": { "label": "Inventories, Net [Abstract]" } } }, "auth_ref": [] }, "us-gaap_InventoryDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryDisclosureTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/InventoriesNet"], "lang": { "en-us": { "role": { "terseLabel": "INVENTORIES, NET", "label": "Inventory Disclosure [Text Block]", "documentation": "The entire disclosure for inventory. Includes, but is not limited to, the basis of stating inventory, the method of determining inventory cost, the classes of inventory, and the nature of the cost elements included in inventory." } } }, "auth_ref": ["r329"] }, "us-gaap_InventoryFinishedGoods": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryFinishedGoods", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofInventoriesTable": { "parentTag": "us-gaap_InventoryNet", "weight": 1.0, "order": 5.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofInventoriesTable"], "lang": { "en-us": { "role": { "terseLabel": "Finished goods", "label": "Inventory, Finished Goods, Gross", "documentation": "Amount before valuation and LIFO reserves of completed merchandise or goods expected to be sold within one year or operating cycle, if longer." } } }, "auth_ref": ["r1042"] }, "us-gaap_InventoryGrossAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryGrossAbstract", "lang": { "en-us": { "role": { "label": "Schedule of Inventory Reserve [Abstract]" } } }, "auth_ref": [] }, "us-gaap_InventoryLIFOReserveEffectOnIncomeNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryLIFOReserveEffectOnIncomeNet", "crdr": "debit", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofInventoryReserveTable"], "lang": { "en-us": { "role": { "negatedLabel": "Effect of foreign exchange change", "label": "Inventory, LIFO Reserve, Effect on Income, Net", "documentation": "The difference between the change in the inventory reserve representing the cumulative difference in cost between the first in, first out and the last in, first out inventory valuation methods and any LIFO decrement which have been reflected in the statement of income during the period." } } }, "auth_ref": [] }, "us-gaap_InventoryNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryNet", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 6.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofInventoriesTable": { "parentTag": null, "weight": null, "order": null, "root": true } }, "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofInventoriesTable"], "lang": { "en-us": { "role": { "totalLabel": "Inventories, net",

"terseLabel": "Inventories, net", "label": "Inventory, Net", "documentation": "Amount after valuation and LIFO reserves of inventory expected to be sold, or consumed within one year or operating cycle, if longer." } } }, "auth_ref": ["r214", "r817", "r872"] }, "us-gaap_InventoryPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryPolicyTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Inventories", "label": "Inventory, Policy [Policy Text Block]", "documentation": "Disclosure of inventory accounting policy for inventory classes, including, but not limited to, basis for determining inventory amounts, methods by which amounts are added and removed from inventory classes, loss recognition on impairment of inventories, and situations in which inventories are stated above cost." } } }, "auth_ref": ["r147", "r200", "r213", "r329", "r330", "r332", "r583", "r821"] }, "us-gaap_InventoryRawMaterials": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryRawMaterials", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofInventoriesTable": { "parentTag": "us-gaap_InventoryNet", "weight": 1.0, "order": 1.0 }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofInventoriesTable"], "lang": { "en-us": { "role": { "terseLabel": "Raw materials", "label": "Inventory, Raw Materials, Gross", "documentation": "Amount before valuation and LIFO reserves of raw materials expected to be sold, or consumed within one year or operating cycle, if longer." } } }, "auth_ref": ["r1044"] }, "gtcc_InventoryRevolvingMaterial": { "xbrltype": "monetaryItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "InventoryRevolvingMaterial", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofInventoriesTable": { "parentTag": "us-gaap_InventoryNet", "weight": 1.0, "order": 2.0 }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofInventoriesTable"], "lang": { "en-us": { "role": { "terseLabel": "Revolving material", "label": "Inventory Revolving Material" } } }, "auth_ref": [] }, "us-gaap_InventoryValuationReserves": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryValuationReserves", "crdr": "credit", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofInventoryReserveTable"], "lang": { "en-us": { "role": { "periodStartLabel": "Beginning balance", "periodEndLabel": "Ending balance", "label": "Inventory Valuation Reserves", "documentation": "Amount of valuation reserve for inventory." } } }, "auth_ref": ["r109", "r1046"] }, "us-gaap_InventoryWorkInProgress": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryWorkInProgress", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofInventoriesTable": { "parentTag": "us-gaap_InventoryNet", "weight": 1.0, "order": 4.0 }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofInventoriesTable"], "lang": { "en-us": { "role": { "terseLabel": "Work-in-progress", "label": "Inventory, Work in Process, Gross", "documentation": "Amount before valuation and LIFO reserves of merchandise or goods in the production process expected to be completed within one year or operating cycle, if longer." } } }, "auth_ref": ["r1043"] }, "us-gaap_InventoryWorkInProgressAndRawMaterials": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryWorkInProgressAndRawMaterials", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofInventoriesTable": { "parentTag": "us-gaap_InventoryNet", "weight": 1.0, "order": 3.0 }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofInventoriesTable"], "lang": { "en-us": { "role": { "terseLabel": "Consigned processing material", "label": "Inventory, Work in Process and Raw Materials", "documentation": "The aggregate carrying amount as of the balance sheet date of items held by the entity which are partially completed at the time of measurement and unprocessed items that will go through the production process and become part of the final product. Includes supplies used directly or indirectly in the manufacturing or production process. This element may be used when the reporting entity combines work in process and raw materials into an aggregate amount." } } }, "auth_ref": ["r1046"] }, "us-gaap_InventoryWriteDown": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryWriteDown", "crdr": "debit", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofInventoryReserveTable"], "lang": { "en-us": { "role": { "terseLabel": "(Reversal of) inventory write-downs", "label": "Inventory Write-down", "documentation": "Amount of loss from reductions in inventory due to subsequent measurement adjustments, including, but not limited to, physical deterioration, obsolescence, or changes in price levels." } } }, "auth_ref": ["r331"] }, "dei_InvestmentCompanyActFileNumber": { "xbrltype": "fileNumberItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "InvestmentCompanyActFileNumber", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { 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"auth_ref": ["r276", "r287", "r305", "r830", "r1052"] }, "us-gaap_InvestmentOwnedAtCost": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InvestmentOwnedAtCost", "crdr": "debit", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ShortTermInvestmentDetails"], "lang": { "en-us": { "role": { "terseLabel": "Bank management products purchased", "label": "Investment Owned, Cost", "documentation": "Cost of the investment." } } }, "auth_ref": ["r666", "r696", "r697", "r767", "r769", "r776", "r784", "r891", "r900", "r1178"] }, "us-gaap_InvestmentOwnedAtFairValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InvestmentOwnedAtFairValue", "crdr": "debit", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ShortTermInvestmentDetails"], "lang": { "en-us": { "role": { "terseLabel": "Fair value of bank management products", "label": "Investment Owned, Fair Value", "documentation": "Fair value of investment in security owned." } } }, "auth_ref": ["r666", "r691", "r692", "r693", "r694", "r695", "r696", "r697", "r698", "r701", "r702", "r713", "r714", "r763", "r765", "r766", "r768", "r774", "r775", "r777", "r778", "r779", "r780", "r781", "r783", "r785", "r786", "r891", "r900", "r1178"] }, "us-gaap_InvestmentTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InvestmentTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ShortTermInvestment"], "lang": { "en-us": { "role": { "terseLabel": "SHORT TERM INVESTMENT", "label": "Investment [Text Block]", "documentation": "The entire disclosure for investment." } } }, "auth_ref": ["r1034", "r1035", "r1082"] }, "gtcc_JiuxinMember": { "xbrltype": "domainItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "JiuxinMember", "presentation": 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Excludes land held for sale." } } }, "auth_ref": ["r1040"] }, "us-gaap_LandImprovements": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LandImprovements", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet": { "parentTag": "us-gaap_AssetsNoncurrent", "weight": 1.0, "order": 2.0 }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofLandUseRightsTable": { "parentTag": null, "weight": null, "order": null, "root": true }, "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofLandUseRightsTable"], "lang": { "en-us": { "role": { "totalLabel": "Land use rights, net", "terseLabel": "Land use rights, net", "label": "Land Improvements", "documentation": "Amount before accumulated depreciation and depletion of additions or improvements to real estate held for productive use. Examples include, but are not limited to, walkways, driveways, fences, and parking lots." } } }, "auth_ref": [] }, "gtcc_LandUseRightsDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "LandUseRightsDisclosureTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/LandUseRightsNet"], "lang": { "en-us": { "role": { "terseLabel": "LAND USE RIGHTS, NET", "label": "Disclosure of land use rights", "documentation": "Disclosure of land use rights." } } }, "auth_ref": [] }, "gtcc_LandUseRightsPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "LandUseRightsPolicyTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Land Use Rights", "documentation": "Disclosure of accounting policy for land use rights.", "label": "Land Use

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Includes, but is not limited to, interest expense for finance lease, amortization of right-of-use asset for finance lease, operating lease cost, short-term lease cost, variable lease cost and sublease income." } } }, "auth_ref": ["r1127"] }, "gtcc LeaseTermAndDiscountRateAbstract": { "xbrltype": "stringItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "LeaseTermAndDiscountRateAbstract", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofSupplementalBalanceSheetTable"], "lang": { "en-us": { "role": { "terseLabel": "Lease term and discount rate", "label": "Lease Term And Discount Rate Abstract" } } }, "auth_ref": [] }, "us-gaap_LeasesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LeasesAbstract", "lang": { "en-us": { "role": { "label": "Leases [Abstract]" } } }, "auth_ref": [] }, "gtcc LeasesDetailsScheduleofComponentsofLeaseExpenseLineItems": { "xbrltype": "stringItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "LeasesDetailsScheduleofComponentsofLeaseExpenseLineItems", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofComponentsofLeaseExpenseTable"], "lang": { "en-us": { "role": { "label": "Schedule of Components of Lease Expense [Abstract]" } } }, "auth_ref": [] }, "gtcc LeasesDetailsScheduleofComponentsofLeaseExpenseTable": { "xbrltype": "stringItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "LeasesDetailsScheduleofComponentsofLeaseExpenseTable", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofComponentsofLeaseExpenseTable"], "lang": { "en-us": { "role": { "label": "Leases (Details) - Schedule of Components of Lease Expense [Table]" } } }, "auth_ref": [] }, "gtcc LeasesDetailsTable": { "xbrltype": "stringItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "LeasesDetailsTable", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/LeasesDetails"], "lang": { "en-us": { "role": { "label": "Leases (Details) [Table]" } } }, "auth_ref": [] }, "dei LegalEntityAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "LegalEntityAxis", "presentation": ["http://xbrl.sec.gov/dei/role/document/AuditInformation", "http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Legal Entity [Axis]", "documentation": "The set of legal entities associated with a report." } } }, "auth_ref": [] }, "dei LegalEntityIdentifier": { "xbrltype": "legalEntityIdentifierItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "LegalEntityIdentifier", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Legal Entity Identifier", "documentation": "A globally unique ISO 17442 value to identify entities, commonly abbreviated as LEI." } } }, "auth_ref": ["r901"] }, "us-gaap_LesseeLeasesPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeLeasesPolicyTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Lease", "label": "Lessee, Leases [Policy Text Block]", "documentation": "Disclosure of accounting policy for leasing arrangement entered into by lessee." } } }, "auth_ref": ["r560"] }, "gtcc LesseeLiabilityPaymentsDue": { "xbrltype": "monetaryItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "LesseeLiabilityPaymentsDue", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofNonCancellableFutureMinimumLeasePaymentsTable": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofNonCancellableFutureMinimumLeasePaymentsTable"], "lang": { "en-us": { "role": { "totalLabel": "Total lease payments", "documentation": "Amount of lessee's undiscounted obligation for lease payment for operating lease.", "label": "Lessee Liability Payments Due" } } }, "auth_ref": [] }, "us-gaap_LesseeOperatingLeaseLiabilityMaturityTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeaseLiabilityMaturityTableTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/LeasesTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Maturity of Lease Liabilities under Operating Leases", "label": "Lessee, Operating Lease, Liability, to be Paid, Maturity [Table Text Block]", "documentation": "Tabular disclosure of undiscounted cash flows of lessee's operating lease liability. Includes, but is not limited to, reconciliation of undiscounted cash flows to operating lease liability recognized in statement of financial position." } } }, "auth_ref": ["r1128"] }, "us-gaap_LesseeOperatingLeaseLiabilityPaymentsDue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeaseLiabilityPaymentsDue", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofMaturityofLeaseLiabilitiesUnderOperatingLeasesTable": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofMaturityofLeaseLiabilitiesUnderOperatingLeasesTable"], "lang": { "en-us": { "role": { "totalLabel": "Total lease payments", "label": "Lessee, Operating Lease, Liability, to be Paid", "documentation": "Amount of lessee's undiscounted obligation for lease payment for operating lease." } } }, "auth_ref": ["r564"] }, "us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueNextTwelveMonths": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeaseLiabilityPaymentsDueNextTwelveMonths", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofMaturityofLeaseLiabilitiesUnderOperatingLeasesTable": { "parentTag": "us-gaap_LesseeOperatingLeaseLiabilityPaymentsDue", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofMaturityofLeaseLiabilitiesUnderOperatingLeasesTable"], "lang": { "en-us": { "role": { "terseLabel": "2026", "label": "Lessee, Operating Lease, Liability, to be Paid, Year One", "documentation": "Amount of lessee's undiscounted obligation for lease payment for operating lease to be paid in next fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": ["r564"] }, "us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearThree": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeaseLiabilityPaymentsDueYearThree", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofMaturityofLeaseLiabilitiesUnderOperatingLeasesTable": { "parentTag": "us-gaap_LesseeOperatingLeaseLiabilityPaymentsDue", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofMaturityofLeaseLiabilitiesUnderOperatingLeasesTable"], "lang": { "en-us": { "role": { "terseLabel": "2028", "label": "Lessee, Operating Lease, Liability, to be Paid, Year Three", "documentation": "Amount of lessee's undiscounted obligation for lease payment for operating lease to be paid in third fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": ["r564"] }, "us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearTwo": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeaseLiabilityPaymentsDueYearTwo", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofMaturityofLeaseLiabilitiesUnderOperatingLeasesTable": { "parentTag": "us-gaap_LesseeOperatingLeaseLiabilityPaymentsDue", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofMaturityofLeaseLiabilitiesUnderOperatingLeasesTable"], "lang": { "en-us": { "role": { "terseLabel": "2027", "label": "Lessee, Operating Lease, Liability, to be Paid, Year Two", "documentation": "Amount of lessee's undiscounted obligation for lease payment for operating lease to be paid in second fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": ["r564"] }, "us-gaap_LesseeOperatingLeaseLiabilityPaymentsRemainderOfFiscalYear": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeaseLiabilityPaymentsRemainderOfFiscalYear", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofMaturityofLeaseLiabilitiesUnderOperatingLeasesTable": { "parentTag": "us-gaap_LesseeOperatingLeaseLiabilityPaymentsDue", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofMaturityofLeaseLiabilitiesUnderOperatingLeasesTable"], "lang": { "en-us": { "role": { "terseLabel": "2025", "label": "Lessee, Operating Lease, Liability, to be Paid, Remainder of Fiscal Year", "documentation": "Amount of lessee's undiscounted obligation for lease payment for operating lease having initial or remaining lease term in excess of one year to be paid in remainder of current fiscal year." } } }, "auth_ref": ["r1128"] }, "us-gaap_LesseeOperatingLeaseLiabilityUndiscountedExcessAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeaseLiabilityUndiscountedExcessAmount", "crdr": "credit", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofMaturityofLeaseLiabilitiesUnderOperatingLeasesTable"], "lang": { "en-us": { "role": { "negatedLabel": "Less: imputed interest", "label": "Lessee, Operating Lease, Liability, Undiscounted Excess Amount", "documentation": "Amount of lessee's undiscounted obligation for lease payments in excess of discounted obligation for lease payments for operating lease." } } }, "auth_ref": ["r564"] }, "us-gaap_LesseeOperatingLeasesTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeasesTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/Leases"], "lang": { "en-us": { "role": { "terseLabel": "LEASES", "label": "Lessee, Operating Leases [Text Block]", "documentation": "The entire disclosure for operating leases of lessee. Includes, but is not limited to, description of operating lease and maturity analysis of operating lease liability." } } }, "auth_ref": ["r556"] }, "gtcc LesseePaymentsRemainderOfFiscalYear": { "xbrltype": "monetaryItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "LesseePaymentsRemainderOfFiscalYear", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofNonCancellableFutureMinimumLeasePaymentsTable": { "parentTag": "gtcc LesseeLiabilityPaymentsDue", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofNonCancellableFutureMinimumLeasePaymentsTable"], "lang": { "en-us": { "role": { "terseLabel": "2025", "documentation": "Amount of lessee's undiscounted obligation for lease payment for having initial or remaining lease term in excess of one year to be paid in remainder of current fiscal year.", "label": "Lessee Payments Remainder Of Fiscal Year" } } }, "auth_ref": [] }, "us-

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the amount that could be borrowed or the amounts currently outstanding under the facility." } } }, "auth_ref": ["r68", "r73"] } }, "us-gaap_LoansNotesTradeAndOtherReceivablesDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LoansNotesTradeAndOtherReceivablesDisclosureTextBlock", "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/NotesReceivable" }, { "lang": { "en-us": { "role": { "terseLabel": "NOTES RECEIVABLE", "label": "Loans, Notes, Trade and Other Receivables Disclosure [Text Block]", "documentation": "The entire disclosure for claims held for amounts due to entity, excluding financing receivables. Examples include, but are not limited to, trade accounts receivables, notes receivables, loans receivables. Includes disclosure for allowance for credit losses." } } }, "auth_ref": ["r553", "r1076"] } }, "dei_LocalPhoneNumber": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "LocalPhoneNumber", "presentation": [{ "http://xbrl.sec.gov/dei/role/document/Cover" }, { "lang": { "en-us": { "role": { "label": "Local Phone Number", "documentation": "Local phone number for entity." } } }, "auth_ref": [] }, "us-gaap_LongTermDebtTerm": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtTerm", "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/LeasesDetails" }, { "lang": { "en-us": { "role": { "terseLabel": "Operating leases, initial terms", "label": "Long-Term Debt, Term", "documentation": "Period between issuance and maturity of long-term debt, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days." } } }, "auth_ref": ["r1117", "r1118", "r1119"] } }, "us-gaap_LossContingenciesLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LossContingenciesLineItems", "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/CommitmentsandContingenciesDetails" }, { "lang": { "en-us": { "role": { "label": "Commitments and Contingencies [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r346", "r347", "r348", "r351", "r465", "r840", "r1096", "r1097"] } }, "us-gaap_MachineryAndEquipmentGross": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MachineryAndEquipmentGross", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofPropertyPlantandEquipmentTable": { "parentTag": "us-gaap_PropertyPlantAndEquipmentGross", "weight": 1.0, "order": 2.0 } }, "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofPropertyPlantandEquipmentTable" }, { "lang": { "en-us": { "role": { "terseLabel": "Machinery", "label": "Machinery and Equipment, Gross", "documentation": "Amount before accumulated depreciation of tangible personal property used to produce goods and services, including, but is not limited to, tools, dies and molds, computer and office equipment." } } }, "auth_ref": ["r111"] } }, "us-gaap_MachineryAndEquipmentMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MachineryAndEquipmentMember", "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofEstimatedUsefulLivesTable" }, { "lang": { "en-us": { "role": { "terseLabel": "Machinery [Member]", "label": "Machinery and Equipment [Member]", "documentation": "Tangible personal property used to produce goods and services, including, but is not limited to, tools, dies and molds, computer and office equipment." } } }, "auth_ref": [] } }, "srt_MajorCustomersAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "MajorCustomersAxis", "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/ConcentrationonRevenuesandCostofGoodsSoldDetails", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofConcentrationofMajorCustomersandSuppliersTable", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofMajorCustomersofAccountsReceivableTable" }, { "lang": { "en-us": { "role": { "label": "Customer [Axis]", "documentation": "Information by name or description of a single external customer or a group of external customers." } } }, "auth_ref": ["r313", "r849", "r882", "r886", "r1105", "r1147", "r1149", "r1150", "r1152", "r1153", "r1154", "r1155", "r1156", "r1157", "r1158", "r1159", "r1160", "r1161", "r1162", "r1163", "r1164", "r1165", "r1166", "r1167", "r1168", "r1169", "r1170", "r1171", "r1172", "r1173", "r1174", "r1175", "r1176"] } }, "gtec_MajorCustomersMember": { "xbrltype": "domainItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "MajorCustomersMember", "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/ConcentrationonRevenuesandCostofGoodsSoldDetails", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofMajorCustomersofAccountsReceivableTable" }, { "lang": { "en-us": { "role": { "terseLabel": "Major Customers [Member]", "label": "Major Customers Member" } } }, "auth_ref": [] }, "srt_MaximumMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "MaximumMember", "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/IncomeTaxesDetails", "http://greenlandtechnologiesholdingcorp.com/role/LeasesDetails", "http://greenlandtechnologiesholdingcorp.com/role/NotesPayableBankAcceptanceNotesDetails", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofEstimatedUsefulLivesTable", "http://greenlandtechnologiesholdingcorp.com/role/SummaryofSignificantAccountingPoliciesDetails" }, { "lang": { "en-us": { "role": { "terseLabel": "Maximum [Member]", "label": "Maximum [Member]", "documentation": "Upper limit of the provided range." } } }, "auth_ref": ["r163", "r165", "r167", "r168", "r170", "r193", "r194", "r347", "r348", "r349", "r350", "r437", "r465", "r530", "r582", "r654", "r655", "r662", "r699", "r700", "r764", "r770",

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Excludes temporary equity." } } } }, { "auth_ref": ["r84", "r130", "r241", "r321", "r354", "r356", "r357", "r358", "r361", "r362", "r541", "r631", "r712"] }, { "ecd_MnpiDiscTimedForCompValFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "MnpiDiscTimedForCompValFlag", "presentation": [{ "http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure" }, { "lang": { "en-us": { "role": { "label": "MNPI Disclosure Timed for Compensation Value [Flag]", "terseLabel": "MNPI Disclosure Timed for Compensation Value" } } } }, { "auth_ref": ["r990"] }, { "gtec_MotorVehicles": { "xbrltype": "monetaryItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "MotorVehicles", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofPropertyPlantandEquipmentTable": { "parentTag": "us-gaap_PropertyPlantandEquipmentGross", "weight": 1.0, "order": 3.0 } }, "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofPropertyPlantandEquipmentTable" }, { "lang": { "en-us": { "role": { "terseLabel": "Motor vehicles", "documentation": "Represent the amount of motor vehicles.", "label": "Motor Vehicles" } } } }, { "auth_ref": [] }, { "ecd_MtrlTermsOfTrdArrTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "MtrlTermsOfTrdArrTextBlock", "presentation": [{ "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements" }, { "lang": { "en-us": { "role": { "label": "Material Terms of Trading Arrangement [Text Block]", "terseLabel": "Material Terms of Trading Arrangement" } } } }, { "auth_ref": ["r998"] }, { "dei_NameChangeEventDateAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "NameChangeEventDateAxis", "presentation": [{ "http://xbrl.sec.gov/dei/role/document/Cover" }, { "lang": { "en-us": { "role": { "label": "Name Change Event Date [Axis]", "documentation": "For a sequence of name change event related facts, use this typed dimension to distinguish them. The axis members are restricted to be a valid for xml schema 'date' or 'datetime' data type." } } } }, { "auth_ref": [] }, { "dei_NameChangeEventLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "NameChangeEventLineItems", "presentation": [{ "http://xbrl.sec.gov/dei/role/document/Cover" }, { "lang": { "en-us": { "role": { "label": "Name Change Event [Line Items]", "documentation": "Line items represent concepts included in a table. 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Financing activity cash flows include obtaining resources from owners and providing them with a return on, and a return of, their investment; borrowing money and repaying amounts borrowed, or settling the obligation; and obtaining and paying for other resources obtained from creditors on long-term credit." } } } }, { "auth_ref": ["r233"] }, { "us-gaap_NetCashProvidedByUsedInFinancingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInFinancingActivitiesAbstract", "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow" }, { "lang": { "en-us": { "role": { "terseLabel": "CASH FLOWS FROM FINANCING ACTIVITIES:", "label": "Net Cash Provided by (Used in) Financing Activities [Abstract]" } } } }, { "auth_ref": [] }, { "us-gaap_NetCashProvidedByUsedInInvestingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInInvestingActivities", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseExcludingExchangeRateEffect", "weight": 1.0, "order": 2.0 } }, "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow" }, { "lang": { "en-us": { "role": { "totalLabel": "NET CASH USED IN INVESTING ACTIVITIES", "label": "Net Cash Provided by (Used in) Investing Activities", "documentation": "Amount of cash inflow (outflow) from investing activities, including discontinued operations. Investing activity cash flows include making and collecting loans and acquiring and disposing of debt or equity instruments and property, plant, and equipment and other productive assets." } } } }, { "auth_ref": ["r233"] }, { "us-gaap_NetCashProvidedByUsedInInvestingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInInvestingActivitiesAbstract", "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow" }, { "lang": { "en-us": { "role": { "terseLabel": "CASH FLOWS FROM INVESTING ACTIVITIES:", "label": "Net Cash Provided by (Used in) Investing Activities [Abstract]" } } } }, { "auth_ref": [] }, { "us-gaap_NetCashProvidedByUsedInOperatingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInOperatingActivities", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseExcludingExchangeRateEffect", "weight": 1.0, "order": 1.0 } }, "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow" }, { "lang": { "en-us": { "role": { "totalLabel": "NET CASH PROVIDED BY (USED IN) OPERATING ACTIVITIES", "label": "Net Cash Provided by (Used in) Operating Activities", "documentation": "Amount of cash inflow (outflow) from operating activities, including discontinued operations. Operating activity cash flows include transactions, adjustments, and changes in value not defined as investing or financing activities." } } } }, { "auth_ref": ["r101", "r102", "r103"] }, { "us-gaap_NetCashProvidedByUsedInOperatingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInOperatingActivitiesAbstract", "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow" }, { "lang": { "en-us": { "role": { "terseLabel": "CASH FLOWS FROM OPERATING ACTIVITIES:", "label": "Net Cash Provided by (Used in) Operating Activities [Abstract]" } } } }, { "auth_ref": [] }, { "us-gaap_NetIncomeLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetIncomeLoss", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedIncomeStatement": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedIncomeStatement", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofBasicandDilutedLossEarningsPerShareComputationTable", "http://xbrl.sec.gov/ecd/role/PvpDisclosure" }, { "lang": { "en-us": { "role": { "totalLabel": "NET INCOME ATTRIBUTABLE TO GREENLAND TECHNOLOGIES HOLDING CORPORATION AND SUBSIDIARIES", "verboseLabel": "Net income attributable to the Greenland Technologies Holding Corporation and subsidiaries (in Dollars)", "label": "Net Income (Loss)", "terseLabel": "Net Income (Loss)", "documentation": "The portion of profit or loss for the period, net of income taxes, which is attributable to the parent." } } } }, { "auth_ref": ["r96", "r103", "r136", "r197", "r217", "r220", "r225", "r241", "r250", "r252", "r253", "r254", "r255", "r256", "r259", "r260", "r267", "r321", "r354", "r355", "r356", "r357", "r358", "r359", "r360", "r361",

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A noncontrolling interest is sometimes called a minority interest." } } }, "auth_ref": [ "r47", "r407", "r1063", "r1064", "r1065", "r1067", "r1180" ] }, "us-gaap_NotesAndLoansReceivableNetCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NotesAndLoansReceivableNetCurrent", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 4.0 } }, "presentation": [ "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofNotesReceivableTable" ], "lang": { "en-us": { "role": { "terseLabel": "Notes receivable", "verboseLabel": "Note receivable", "label": "Financing Receivable, after Allowance for Credit Loss, Current", "documentation": "Amortized cost, after allowance for credit loss, of financing receivable classified as current. Excludes net investment in lease." } } }, "auth_ref": [ "r616", "r1077" ] }, "us-gaap_NotesPayableAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NotesPayableAbstract", "lang": { "en-us": { "role": { "label": "Notes Payable [Abstract]" } } }, "auth_ref": [ ] }, "gtec_NotesPayableBankAcceptanceNotesDetailsTable": { "xbrltype": "stringItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "NotesPayableBankAcceptanceNotesDetailsTable", "presentation": [ "http://greenlandtechnologiesholdingcorp.com/role/NotesPayableBankAcceptanceNotesDetails" ], "lang": { "en-us": { "role": { "label": "Notes Payable-Bank Acceptance Notes (Details) [Table]" } } }, "auth_ref": [ ] }, "us-gaap_NotesPayableCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NotesPayableCurrent", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofNotesPayableBankAcceptanceNotesTable": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [ "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofNotesPayableBankAcceptanceNotesTable" ], "lang": { "en-us": { "role": { "totalLabel": "Total", "label": "Notes Payable, Current", "documentation": "Sum of the carrying values as of the balance sheet date of the portions of long-term notes payable due within one year or the operating cycle if longer." } } }, "auth_ref": [ "r69", "r70" ] }, "us-gaap_NotesPayableToBankCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NotesPayableToBankCurrent", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofNotesPayableBankAcceptanceNotesTable": { "parentTag": "us-gaap_NotesPayableCurrent", "weight": 1.0, "order": 1.0 }, "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 2.0 } }, "presentation": [ "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofNotesPayableBankAcceptanceNotesTable" ], "lang": { "en-us": { "role": { "terseLabel": "Notes payable-bank acceptance notes", "verboseLabel": "Bank acceptance notes", "label": "Notes Payable to Bank, Current", "documentation": "Current portion of the total carrying amount as of the balance sheet date due within one year or the operating cycle, if longer, on all notes payable to banks paid on an installment with long term maturities. This can include the amount of any loans from the applicant firm. 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Includes selling, general and administrative expense." } } }, "auth_ref": [] }, "us-gaap_OperatingIncomeLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingIncomeLoss", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedIncomeStatement": { "parentTag": "us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedIncomeStatement"], "lang": { "en-us": { "role": { "totalLabel": "INCOME FROM OPERATIONS", "label": "Operating Income (Loss)", "documentation": "The net result for the period of deducting operating expenses from operating revenues." } } }, "auth_ref": ["r140", "r824", "r1070", "r1072", "r1073", "r1074", "r1075"] }, "us-gaap_OperatingLeaseExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseExpense", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofComponentsofLeaseExpenseTable": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofComponentsofLeaseExpenseTable"], "lang": { "en-us": { "role": { "totalLabel": "Total lease expense", "label": "Operating Lease, Expense", "documentation": "Amount of operating lease expense. 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Includes cash flows from securities classified as trading securities that were acquired for reasons other than sale in the long-term." } } }, "auth_ref": ["r1054"] }, "us-gaap_PaymentsToAcquireNotesReceivable": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsToAcquireNotesReceivable", "crdr": "credit", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/NotesPayableBankAcceptanceNotesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Note receivable", "label": "Payments to Acquire Notes Receivable", "documentation": "The cash outflow to acquire an agreement for an unconditional promise by the maker to pay the entity (holder) a definite sum of money at a future date. Such amount may include accrued interest receivable in accordance with the terms of the note. The note also may contain provisions including a discount or premium, payable on demand, secured, or unsecured, interest bearing or noninterest bearing, among myriad other features and characteristics." } } }, "auth_ref": ["r22"] }, "ecd_PeerGroupIssuersFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PeerGroupIssuersFnTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Peer Group Issuers, Footnote [Text Block]", "terseLabel": "Peer Group Issuers, Footnote" } } }, "auth_ref": ["r969"] }, "ecd_PeerGroupTotalShareholderRtnAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PeerGroupTotalShareholderRtnAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Peer Group Total Shareholder Return Amount", "terseLabel": "Peer Group Total Shareholder Return Amount" } } }, "auth_ref": ["r969"] }, "ecd_PeoActuallyPaidCompAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PeoActuallyPaidCompAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "PEO Actually Paid Compensation Amount", "terseLabel": "PEO Actually Paid Compensation Amount" } } }, "auth_ref": ["r961"] }, "ecd_PeoMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PeoMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "PEO [Member]", "terseLabel": "PEO" } } }, "auth_ref": ["r978"] }, "ecd_PeoName": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PeoName", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "PEO Name", "terseLabel": "PEO Name" } } }, "auth_ref": ["r971"] }, "ecd_PeoTotalCompAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PeoTotalCompAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "PEO Total Compensation Amount", "terseLabel": "PEO Total Compensation Amount" } } }, "auth_ref": ["r960"] }, "gtec_PercentageOfEffectiveOwnership": { "xbrltype": "percentItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "PercentageOfEffectiveOwnership", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofSubsidiaryIncludedintheseUnauditedConsolidatedFinancialStatementsTable"], "lang": { "en-us": { "role": { "terseLabel": "Ownership Percentage", "documentation": "Ownership percentage.", "label": "Percentage Of Effective Ownership" } } }, "auth_ref": [] }, "gtec_PercentageOfOutstandingOrdinaryShares": { "xbrltype": "percentItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "PercentageOfOutstandingOrdinaryShares", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/OrganizationandPrincipalActivitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Percentage of outstanding ordinary shares", "documentation": "Percentage of outstanding ordinary shares.", "label": "Percentage Of Outstanding Ordinary Shares" } } }, "auth_ref": [] }, "gtec_PercentageOfVotingPower": { "xbrltype": "percentItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "PercentageOfVotingPower", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/SummaryofSignificantAccountingPoliciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Percentage of voting power", "documentation": "Percentage of Voting Power.", "label": "Percentage Of Voting Power" } } }, "auth_ref": [] }, "gtec_PercentageOfWarrantsExpendituresAmount": { "xbrltype": "percentItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "PercentageOfWarrantsExpendituresAmount", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/SummaryofSignificantAccountingPoliciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Total warrants expenditures amount", "documentation": "Percentage of warrants expenditures amount.", "label": "Percentage Of Warrants Expenditures" } } } }

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Preferred shares typically represent an ownership interest in the company." } } }, "auth_ref": ["r889", "r890", "r893", "r894", "r895", "r896", "r1177", "r1180"] }, "us-gaap PreferredStockNoParValue": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockNoParValue", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Preferred shares par value (in dollars per share)", "label": "Preferred Stock, No Par Value", "documentation": "Face amount per share of no-par value preferred stock nonredeemable or redeemable solely at the option of the issuer." } } }, "auth_ref": ["r78", "r1103"] }, "us-gaap PreferredStockSharesIssued": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockSharesIssued", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Preferred shares issued", "label": "Preferred Stock, Shares Issued", "documentation": "Number of shares issued for nonredeemable preferred shares and preferred shares redeemable solely at option of issuer. Includes, but is not limited to, preferred shares issued, repurchased, and held as treasury shares. Excludes preferred shares classified as debt." } } }, "auth_ref": ["r78", "r391"] }, "us-gaap PreferredStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockSharesOutstanding", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Preferred shares outstanding", "label": "Preferred Stock, Shares Outstanding", "documentation": "Aggregate share number for all nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer) held by stockholders. Does not include preferred shares that have been repurchased." } } }, "auth_ref": ["r78", "r710", "r730", "r1180", "r1181"] }, "us-gaap PrepaidExpenseAndOtherAssetsCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PrepaidExpenseAndOtherAssetsCurrent", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet": { "parentTag": "us-gaap AssetsCurrent", "weight": 1.0, "order": 9.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet"], "lang": { "en-us": { "role": { "terseLabel": "Prepayments and other current assets", "label": "Prepaid Expense and Other Assets, Current", "documentation": "Amount of asset related to consideration paid in advance for costs that provide economic benefits in future periods, and amount of other assets that are expected to be realized or consumed within one year or the normal operating cycle, if longer." } } }, "auth_ref": ["r1048"] }, "us-gaap PresentValueOfFutureInsuranceProfitsAmortizationExpenseRemainderOfFiscalYear": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PresentValueOfFutureInsuranceProfitsAmortizationExpenseRemainderOfFiscalYear", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofEstimatedFutureAmortizationExpenseTable": { "parentTag": "gtcc PresentValuesOfFutureInsuranceProfitsAmortizationExpense", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofEstimatedFutureAmortizationExpenseTable"], "lang": { "en-us": { "role": { "terseLabel": "2025", "label": "Present Value of Future Insurance Profits, Expected Amortization, Remainder of Fiscal Year", "documentation": "Amount of amortization for present value of future profits of insurance contract acquired in business combination expected to be recognized in remainder of current fiscal year." } } }, "auth_ref": [] }, "gtcc PresentValueOfFutureInsuranceProfitsAmortizationExpenseThereafter": { "xbrltype": "monetaryItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "PresentValueOfFutureInsuranceProfitsAmortizationExpenseThereafter", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofEstimatedFutureAmortizationExpenseTable": { "parentTag": "gtcc PresentValuesOfFutureInsuranceProfitsAmortizationExpense", "weight": 1.0, "order": 6.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofEstimatedFutureAmortizationExpenseTable"], "lang": { "en-us": { "role": { "terseLabel": "Thereafter", "label": "Amount of amortization for present value of future profits of insurance contract acquired in business combination expected to be recognized during fifth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach).", "documentation": "Present Value Of Future Insurance Profits Amortization Expense Thereafter" } } }, "auth_ref": [] }, "us-gaap PresentValueOfFutureInsuranceProfitsAmortizationExpenseYearFour": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PresentValueOfFutureInsuranceProfitsAmortizationExpenseYearFour", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofEstimatedFutureAmortizationExpenseTable": { "parentTag": "gtcc PresentValuesOfFutureInsuranceProfitsAmortizationExpense", "weight": 1.0, "order": 5.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofEstimatedFutureAmortizationExpenseTable"], "lang": { "en-us": { "role": { "terseLabel": "2029", "label": "Present Value of Future Insurance Profits, Expected Amortization, Year Four", "documentation": "Amount of amortization for present value of future profits of insurance contract acquired in business combination expected to be recognized during fourth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach).", "documentation": "Present Value Of Future Insurance Profits Amortization Expense Year One" } } }, "auth_ref": ["r10", "r1088"] }, "us-gaap PresentValueOfFutureInsuranceProfitsAmortizationExpenseYearOne": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PresentValueOfFutureInsuranceProfitsAmortizationExpenseYearOne", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofEstimatedFutureAmortizationExpenseTable": { "parentTag": "gtcc PresentValuesOfFutureInsuranceProfitsAmortizationExpense", "weight": 1.0, "order": 2.0 } }, "presentation": [

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Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": ["r10", "r1088"] }, "us-gaap_PresentValueOfFutureInsuranceProfitsAmortizationExpenseYearThree": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PresentValueOfFutureInsuranceProfitsAmortizationExpenseYearThree", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofEstimatedFutureAmortizationExpenseTable": { "parentTag": "gtec_PresentValuesOfFutureInsuranceProfitsAmortizationExpense", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofEstimatedFutureAmortizationExpenseTable"], "lang": { "en-us": { "role": { "terseLabel": "2028", "label": "Present Value of Future Insurance Profits, Expected Amortization, Year Three", "documentation": "Amount of amortization for present value of future profits of insurance contract acquired in business combination expected to be recognized during third fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": ["r10", "r1088"] }, "us-gaap_PresentValueOfFutureInsuranceProfitsAmortizationExpenseYearTwo": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PresentValueOfFutureInsuranceProfitsAmortizationExpenseYearTwo", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofEstimatedFutureAmortizationExpenseTable": { "parentTag": "gtec_PresentValuesOfFutureInsuranceProfitsAmortizationExpense", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofEstimatedFutureAmortizationExpenseTable"], "lang": { "en-us": { "role": { "terseLabel": "2027", "label": "Present Value of Future Insurance Profits, Expected Amortization, Year Two", "documentation": "Amount of amortization for present value of future profits of insurance contract acquired in business combination expected to be recognized during second fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": ["r10", "r1088"] }, "gtec_PresentValuesOfFutureInsuranceProfitsAmortizationExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "PresentValuesOfFutureInsuranceProfitsAmortizationExpense", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofEstimatedFutureAmortizationExpenseTable": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofEstimatedFutureAmortizationExpenseTable"], "lang": { "en-us": { "role": { "totalLabel": "Total", "documentation": "Amount of amortization expense (reversal of expense) for present value of future profits of insurance contract acquired in business combination.", "label": "Present Values Of Future Insurance Profits Amortization Expense" } } }, "auth_ref": [] }, "us-gaap_ProceedsFromNotesPayableAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromNotesPayableAbstract", "lang": { "en-us": { "role": { "label": "Schedule of Notes Payable [Abstract]" } } }, "auth_ref": [] }, "us-gaap_ProceedsFromRelatedPartyDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromRelatedPartyDebt", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow"], "lang": { "en-us": { "role": { "terseLabel": "Proceeds from third parties", "label": "Proceeds from Related Party Debt", "documentation": "The cash inflow from a long-term borrowing made from related parties where one party can exercise control or significant influence over another party; including affiliates, owners or officers and their immediate families, pension trusts, and so forth. Alternate caption: Proceeds from Advances from Affiliates." } } }, "auth_ref": ["r24"] }, "us-gaap_ProceedsFromRepaymentsOfNotesPayable": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromRepaymentsOfNotesPayable", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow"], "lang": { "en-us": { "role": { "terseLabel": "Notes payable", "label": "Proceeds from (Repayments of) Notes Payable", "documentation": "Amount of cash inflow (outflow) from long-term debt supported by a written promise to pay an obligation." } } }, "auth_ref": [] }, "us-gaap_ProceedsFromSaleOfShortTermInvestments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromSaleOfShortTermInvestments", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow"], "lang": { "en-us": { "role": { "terseLabel": "Proceeds from related parties", "label": "Proceeds from Sale of Short-Term Investments", "documentation": "The cash inflow from sales of all investments, including securities and other assets, having ready marketability and intended by management to be liquidated, if necessary, within the current operating cycle. Includes cash flows from securities classified as trading securities that were acquired for reasons other than sale in the short-term." } } }, "auth_ref": ["r21"] }, "us-gaap_ProceedsFromShortTermDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromShortTermDebt", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow"], "lang": { "en-us": { "role": { "terseLabel": "Proceeds from short-term bank loans", "label": "Proceeds from Short-Term Debt", "documentation": "The cash inflow from a borrowing having initial term of repayment within one year or the normal operating cycle, if longer." } } }, "auth_ref": ["r24"] }, "gtec_ProcurementOfMaterialsMember": { "xbrltype": "domainItemType", "nsuri": 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Includes, but is not limited to, work of art, historical treasure, and similar asset classified as collections." } } }, "auth_ref": ["r110", "r151", "r154", "r155"] }, "us-gaap_PropertyPlantAndEquipmentGross": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentGross", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofPropertyPlantandEquipmentTable": { "parentTag": "us-gaap_PropertyPlantAndEquipmentOtherNet", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofPropertyPlantandEquipmentTable"], "lang": { "en-us": { "role": { "totalLabel": "Total property plant and equipment, at cost", "label": "Property, Plant and Equipment, Gross", "documentation": "Amount before accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures." } } }, "auth_ref": ["r111", "r202", "r636"] }, "us-gaap_PropertyPlantAndEquipmentLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentLineItems", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofEstimatedUsefulLivesTable", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofPropertyPlantandEquipmentTable"], "lang": { "en-us": { "role": { "label": "Schedule of Estimated Useful Lives [Line Items]", "terseLabel": "Schedule of Property, Plant and Equipment [Line Items]", "documentation": "Line items represent financial concepts included in a table. 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Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures." } } }, "auth_ref": [] }, "us-gaap_PropertyPlantAndEquipmentNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentNet", "crdr": "debit", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofPropertyPlantandEquipmentTable"], "lang": { "en-us": { "role": { "terseLabel": "Property, plant and equipment, net", "label": "Property, Plant and Equipment, Net", "documentation": "Amount after accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business to produce goods and services and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures." } } }, "auth_ref": ["r7", "r565", "r622", "r636", "r872"] }, "us-gaap_PropertyPlantAndEquipmentOtherNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentOtherNet", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet": { "parentTag": "us-gaap_AssetsNoncurrent", "weight": 1.0, "order": 1.0 }, "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofPropertyPlantandEquipmentTable": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofPropertyPlantandEquipmentTable"], "lang": { "en-us": { "role": { "totalLabel": "Total", "terseLabel": "Property, plant, equipment and construction in progress, net", "label": "Property, Plant and Equipment, Other, Net", "documentation": "Amount after depreciation of long-lived, physical assets used to produce goods and services and not intended for resale, classified as other." } } }, "auth_ref": [] }, "us-gaap_PropertyPlantAndEquipmentPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentPolicyTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Property, Plant, and Equipment", "label": "Property, Plant and Equipment, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy for long-lived, physical asset used in normal conduct of business and not intended for resale. Includes, but is not limited to, work of art, historical treasure, and similar asset classified as collections." } } }, "auth_ref": ["r7", "r151", "r154", "r634"] }, "us-gaap_PropertyPlantAndEquipmentTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/PropertyPlantandEquipmentandConstructioninProgressTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Property, Plant and Equipment", "label": "Property, Plant and Equipment [Table Text Block]", "documentation": "Tabular disclosure of physical assets used in the normal conduct of business and not intended for resale. Includes, but is not limited to, balances by class of assets, depreciation and depletion expense and method used, including composite depreciation, and accumulated depreciation." } } }, "auth_ref": ["r7"] }, "us-gaap_PropertyPlantAndEquipmentTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentTypeDomain", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/PropertyPlantandEquipmentandConstructioninProgressDetails", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofRestrictedAssetsTable"], "lang": { "en-us": { "role": { "label": "Long-Lived Tangible Asset [Domain]", "documentation": "Listing of long-lived, physical assets that are used in the normal conduct of business to produce goods and services and not intended for resale. Examples include land, buildings, machinery and equipment, and other types of furniture and equipment including, but not limited to, office equipment, furniture and fixtures, and computer equipment and software." } } }, "auth_ref": ["r111", "r565"] }, "us-gaap_PropertyPlantAndEquipmentUsefulLife": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentUsefulLife", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofEstimatedUsefulLivesTable"], "lang": { "en-us": { "role": { "terseLabel": "Estimated useful lives", "label": "Property, Plant and Equipment, Useful Life", "documentation": "Useful life of long lived, physical assets used in the normal conduct of business and not intended for resale, in 'PnYnMnDTnHnMnS' format, for example, 'PIY5M13D' represents the reported fact of one year, five months, and thirteen days. Examples include, but not limited to, land, buildings, machinery and equipment, office equipment, furniture and fixtures, and computer equipment." } } }, "auth_ref": [] }, "gtec_PropertyPlantandEquipmentandConstructioninProgressDetailsLineItems": { "xbrltype": "stringItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "PropertyPlantandEquipmentandConstructioninProgressDetailsLineItems", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/PropertyPlantandEquipmentandConstructioninProgressDetails"], "lang": { "en-us": { "role": { "label": "Property, Plant and Equipment and Construction in Progress [Line Items]" } } }, "auth_ref": [] }, "gtec_PropertyPlantandEquipmentandConstructioninProgressDetailsTable": { "xbrltype": "stringItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "PropertyPlantandEquipmentandConstructioninProgressDetailsTable", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/PropertyPlantandEquipmentandConstructioninProgressDetails"], "lang": { "en-us": { "role": { "label": "Property, Plant and Equipment and Construction in Progress (Details) [Table]" } } }, "auth_ref": [] }, "us-gaap_ProvisionForOtherCreditLosses": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProvisionForOtherCreditLosses", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow"], "lang": { "en-us": { "role": { "terseLabel": "Increase in allowance for credit losses", "label": "Provision for Other Credit Losses", "documentation": "Amount of expense related to credit loss from transactions other than loan and lease transactions." } } }, "auth_ref": ["r5", "r134"] }, "us-gaap_PublicUtilitiesInventoryAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PublicUtilitiesInventoryAxis", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofAccountsPayableTable"], "lang": { "en-us": { "role": { "label": "Inventory [Axis]", "documentation": "Information by type of inventory held." } } }, "auth_ref": ["r1045"] }, "us-gaap_PublicUtilitiesInventoryLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PublicUtilitiesInventoryLineItems", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofAccountsPayableTable"], "lang": { "en-us": { "role": { "label": "Schedule of Accounts Payable [Line Items]", "documentation": "Line items represent financial concepts included in a table. 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Includes, but is not limited to, minimum, maximum, weighted average, arithmetic average, and median." } } }, "auth_ref": ["r163", "r165", "r167", "r168", "r170", "r193", "r194", "r347", "r348", "r349", "r350", "r429", "r437", "r461", "r462", "r463", "r465", "r530", "r580", "r581", "r582", "r654", "r655", "r662", "r699", "r700", "r764", "r770", "r772", "r773", "r782", "r810", "r811", "r836", "r846", "r859", "r866", "r867", "r868", "r869", "r883", "r891", "r1094", "r1102", "r1118", "r1133", "r1134", "r1135", "r1136", "r1137"] }, "us-gaap_RealEstateAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RealEstateAbstract", "lang": { "en-us": { "role": { "label": "Land Use Rights [Abstract]" } } }, "auth_ref": [] }, "us-gaap_ReceivableTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ReceivableTypeDomain", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofNotesReceivableTable"], "lang": { "en-us": { "role": { "label": "Receivable [Domain]", "documentation": "Financing arrangement representing a contractual right to receive money either on demand or on fixed and determinable dates." } } }, "auth_ref": ["r80", "r86"] }, "us-gaap_ReceivablesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ReceivablesAbstract", "lang": { "en-us": { "role": { "label": "Notes Receivable [Abstract]" } } }, "auth_ref": [] }, "ecd_RecoveryOfErrCompDisclosureLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "RecoveryOfErrCompDisclosureLineItems", "lang": { "en-us": { "role": { "label": "Recovery of Erroneously Awarded Compensation Disclosure [Line Items]", "terseLabel": "Recovery of Erroneously Awarded Compensation Disclosure" } } }, "auth_ref": ["r918", "r929", "r945", "r980"] }, "gtcc RegisteredCapitalPercentage": { "xbrltype": "percentItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "RegisteredCapitalPercentage", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/SummaryofSignificantAccountingPoliciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Registered capital percentage", "documentation": "Registered capital Percentage.", "label": "Registered Capital Percentage" } } }, "auth_ref": [] }, "dei_RegistrationStatementAmendmentNumber": { "xbrltype": "sequenceNumberItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "RegistrationStatementAmendmentNumber", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Registration Statement Amendment Number", "documentation": "Amendment number to registration statement under the Investment Company Act of 1940." } } }, "auth_ref": ["r902"] }, "us-gaap_RelatedPartyDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyDomain", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet", "http://greenlandtechnologiesholdingcorp.com/role/OrganizationandPrincipalActivitiesDetails", "http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityDetails"], "lang": { "en-us": { "role": { "label": "Related and Nonrelated Parties [Domain]", "documentation": "Related and nonrelated parties. Related party includes, but is not limited to, affiliate, other entity for which investment is accounted for under equity method, trust for benefit of employee, principal owner, management, and member of immediate family, and other party that may be prevented from pursuing separate interests because of control, significant influence, or ownership interest." } } }, "auth_ref": ["r315", "r436", "r570", "r571", "r625", "r633", "r703", "r704", "r705", "r706", "r707", "r729", "r731", "r762"] }, "us-gaap_RelatedPartyMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyMember", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofDuetoRelatedPartiesTable"], "lang": { "en-us": { "role": { "terseLabel": "Related Party", "verboseLabel": "Related Party [Member]", "label": "Related Party [Member]", "documentation": "Party related to reporting entity. Includes, but is not limited to, affiliate, entity for which investment is accounted for by equity method, trust for benefit of employees, and principal owner, management, and members of immediate family." } } }, "auth_ref": ["r243", "r244", "r570", "r571", "r572", "r573", "r625", "r633", "r703", "r704", "r705", "r706", "r707", "r729", "r731", "r762"] }, "gtcc_RelatedPartyPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "RelatedPartyPolicyTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Related Party", "label": "Related Party Policy Text Block" } } }, "auth_ref": [] }, "us-gaap_RelatedPartyTransactionAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionAxis", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/CommitmentsandContingenciesDetails", "http://greenlandtechnologiesholdingcorp.com/role/RelatedPartyTransactionsDetails", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofDuefromRelatedPartiesTable", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofDuetoRelatedPartiesTable"], "lang": { "en-us": { "role": { "label": "Related Party Transaction [Axis]", "documentation": "Information by type of related party transaction." } } }, "auth_ref": ["r570", "r571", "r1129"] }, "us-gaap_RelatedPartyTransactionDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionDomain", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/CommitmentsandContingenciesDetails", "http://greenlandtechnologiesholdingcorp.com/role/RelatedPartyTransactionsDetails", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofDuetoRelatedPartiesTable"], "lang": { "en-us": { "role": { "label": "Related Party Transaction [Domain]", "documentation": "Transaction between related party." } } }, "auth_ref": [] }, "us-gaap_RelatedPartyTransactionLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionLineItems", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/RelatedPartyTransactionsDetails", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofDividendPaymenttoRelatedPartiesTable"], "lang": { "en-us": { "role": { "label": "Schedule of Dividend Payment to Related Parties [Line Items]", "terseLabel": "Related Party Transactions [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r315", "r736", "r737", "r740"] }, "us-gaap_RelatedPartyTransactionsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionsAbstract", "lang": { "en-us": { "role": { "label": "Related Party Transactions [Abstract]" } } }, "auth_ref": [] }, "us-gaap_RelatedPartyTransactionsByRelatedPartyAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionsByRelatedPartyAxis", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet", "http://greenlandtechnologiesholdingcorp.com/role/OrganizationandPrincipalActivitiesDetails", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofDividendPaymenttoRelatedPartiesTable", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofDuetoRelatedPartiesTable", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofNamesandRelationshipofRelatedPartiesTable", "http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityDetails"], "lang": { "en-us": { "role": { "label": "Related and Nonrelated Parties [Axis]", "documentation": "Information by related and nonrelated parties. Related party includes, but is not limited to, affiliate, other entity for which investment is accounted for under equity method, trust for benefit of employee, principal owner, management, and member of immediate family, and other party that may be prevented from pursuing separate interests because of control, significant influence, or ownership interest." } } }, "auth_ref": ["r315", "r436", "r570", "r571", "r625", "r633", "r703", "r704", "r705", "r706", "r707", "r729", "r731", "r762", "r1129"] }, "gtcc_RelatedPartyTransactionsDetailsScheduleofDuefromRelatedPartiesLineItems": { "xbrltype": "stringItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "RelatedPartyTransactionsDetailsScheduleofDuefromRelatedPartiesLineItems", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofDuefromRelatedPartiesTable"], "lang": { "en-us": { "role": { "label": "Related Party Transactions (Details) - Schedule of Due from Related Parties [Line Items]" } } }, "auth_ref": [] }, "gtcc_RelatedPartyTransactionsDetailsScheduleofDuefromRelatedPartiesTable": { "xbrltype": "stringItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "RelatedPartyTransactionsDetailsScheduleofDuefromRelatedPartiesTable", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofDuefromRelatedPartiesTable"], "lang": { "en-us": { "role": { "label": "Related Party Transactions (Details) - Schedule of Due from Related Parties [Table]" } } }, "auth_ref": [] }, "gtcc_RelatedPartyTransactionsDetailsScheduleofDuetoRelatedPartiesTable": { "xbrltype": "stringItemType", "nsuri":

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Examples of related party transactions include transactions between (a) a parent company and its subsidiary; (b) subsidiaries of a common parent; (c) and entity and its principal owners; and (d) affiliates." } } }, { "auth_ref": ["r567", "r568", "r569", "r571", "r574", "r674", "r675", "r676", "r738", "r739", "r740", "r759", "r761"] }, { "gtec_RepaymentOfLoansLendToThirdParties": { "xbrltype": "monetaryItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "RepaymentOfLoansLendToThirdParties", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": -1.0, "order": 2.0 } }, "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow" }, { "lang": { "en-us": { "role": { "negatedLabel": "Loan payment to third parties", "documentation": "Repayment of loans lend to third parties.", "label": "Repayment Of Loans Lend To Third Parties" } } }, { "auth_ref": [] }, { "us-gaap_RepaymentsOfRelatedPartyDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RepaymentsOfRelatedPartyDebt", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 6.0 } }, "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow" }, { "lang": { "en-us": { "role": { "negatedLabel": "Repayment of loans from third parties", "label": "Repayments of Related Party Debt", "documentation": "The cash outflow for the payment of a long-term borrowing made from a related party where one party can exercise control or significant influence over another party; including affiliates, owners or officers and their immediate families, pension trusts, and so forth. Alternate caption: Payments for Advances from Affiliates." } } }, { "auth_ref": ["r100"] }, { "us-gaap_RepaymentsOfShortTermDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RepaymentsOfShortTermDebt", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 5.0 } }, "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow" }, { "lang": { "en-us": { "role": { "negatedLabel": "Repayments of short-term bank loans", "label": "Repayments of Short-Term Debt", "documentation": "The cash outflow for a borrowing having initial term of repayment within one year or the normal operating cycle, if longer." } } }, { "auth_ref": ["r100"] }, { "us-gaap_ResearchAndDevelopmentExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ResearchAndDevelopmentExpense", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedIncomeStatement": { "parentTag": "us-gaap_OperatingExpenses", "weight": 1.0, "order": 3.0 } }, "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedIncomeStatement" }, { "lang": { "en-us": { "role": { "terseLabel": "Research and development expenses", "label": "Research and Development Expense", "documentation": "Amount of expense for research and development. Includes, but is not limited to, cost for computer software product to be sold, leased, or otherwise marketed and writeoff of research and development assets acquired in transaction other than business combination or joint venture formation or both. Excludes write-down of intangible asset acquired in business combination or from joint venture formation or both, used in research and development activity." } } }, { "auth_ref": ["r467", "r812", "r830", "r1138"] }, { "us-gaap_ResearchAndDevelopmentExpensePolicy": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ResearchAndDevelopmentExpensePolicy", "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/AccountingPoliciesByPolicy" }, { "lang": { "en-us": { "role": { "terseLabel": "Research and Development", "label": "Research and Development Expense, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy for costs it has incurred (1) in a planned search or critical investigation aimed at discovery of new knowledge with the hope that such knowledge will be useful in developing a new product or service, a new process or technique, or in bringing about a significant improvement to an existing product or process; or (2) to translate research findings or other knowledge into a plan or design for a new product or process or for a significant improvement to an existing product or process." } } }, { "auth_ref": ["r466"] }, { "ecd_RestatementDateAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "RestatementDateAxis", "presentation": [{ "http://xbrl.sec.gov/ecd/role/ErrCompDisclosure" }, { "lang": { "en-us": { "role": { "label": "Restatement Determination Date [Axis]", "terseLabel": "Restatement Determination Date" } } }, { "auth_ref": ["r919", "r930", "r946", "r981"] }, { "ecd_RestatementDeterminationDate": { "xbrltype": "dateItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "RestatementDeterminationDate", "presentation": [{ "http://xbrl.sec.gov/ecd/role/ErrCompDisclosure" }, { "lang": { "en-us": { "role": { "label": "Restatement Determination Date", "terseLabel": "Restatement Determination Date" } } }, { "auth_ref": ["r920", "r931", "r947", "r982"] }, { "ecd_RestatementDoesNotRequireRecoveryTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "RestatementDoesNotRequireRecoveryTextBlock", "presentation": [{ "http://xbrl.sec.gov/ecd/role/ErrCompDisclosure" }, { "lang": { "en-us": { "role": { "label": "Restatement Does Not Require Recovery [Text Block]", "terseLabel": "Restatement does not require Recovery" } } }, { "auth_ref": ["r927", "r938", "r954", "r989"] }, { "us-gaap_RestrictedCash": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedCash", "crdr": "debit", "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/NotesPayableBankAcceptanceNotesDetails" }, { "lang": { "en-us": { "role": { "terseLabel": "Restricted cash", "label": "Restricted Cash", "documentation": "Amount of cash restricted as to withdrawal or usage. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits." } } }, { "auth_ref": ["r1039", "r1056", "r1139", "r1144"] }, { "us-gaap_RestrictedCashAndCashEquivalents": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedCashAndCashEquivalents", "crdr": "debit", "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedCashFlow" }, { "lang": { "en-us": { "role": { "terseLabel": "Bank balances and cash included in assets classified as restricted cash", "label": "Restricted Cash and Cash Equivalents", "documentation": "Amount of cash and cash equivalents restricted as to withdrawal or usage. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, { "auth_ref": ["r25", "r122", "r201", "r237", "r627"] }, { "us-gaap_RestrictedCashAndCashEquivalentsCashAndCashEquivalentsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedCashAndCashEquivalentsCashAndCashEquivalentsMember", "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofFixedDepositTable" }, { "lang": { "en-us": { "role": { "label": "Cash and Cash Equivalents [Domain]", "documentation": "Type of cash and cash equivalent. Cash is currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, { "auth_ref": ["r201"] }, { "us-gaap_RestrictedCashAndCashEquivalentsItemsLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedCashAndCashEquivalentsItemsLineItems", "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofRestrictedAssetsTable" }, { "lang": { "en-us": { "role": { "label": "Schedule of Restricted Assets [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, { "auth_ref": ["r1144"] }, { "us-gaap_RestrictedCashCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedCashCurrent", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 2.0 } }, "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet" }, { "lang": { "en-us": { "role": { "terseLabel": "Restricted cash", "label": "Restricted Cash, Current", "documentation": "Amount of cash restricted as to withdrawal or usage, classified as current. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits." } } }, { "auth_ref": ["r1039", "r1056"] }, { "us-gaap_RetainedEarningsAccumulatedDeficit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetainedEarningsAccumulatedDeficit", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 4.0 } }, "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet" }, { "lang": { "en-us": { "role": { "terseLabel": "Retained earnings", "label": "Retained Earnings (Accumulated Deficit)", "documentation": "Amount of accumulated undistributed earnings (deficit)." } } }, { "auth_ref": ["r82", "r116", "r630", "r659", "r661", "r672", "r711", "r872"] }, { "us-gaap_RetainedEarningsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetainedEarningsMember", "presentation": [{ "http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityType2or3" }, { "lang": { "en-us": { "role": { "terseLabel": "Retained Earnings", "label": "Retained Earnings [Member]", "documentation": "Accumulated undistributed earnings (deficit)." } } }, { "auth_ref": ["r195", "r247", "r248", "r249", "r251", "r256", "r258", "r260", "r323", "r324", "r338", "r489", "r490", "r497", "r498", "r499", "r501", "r504", "r505", "r514", "r516", "r517", "r519", "r522", "r554", "r557", "r656", "r658", "r679", "r1180"] }, { "us-gaap_RevenueFromContractWithCustomerAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerAbstract", "lang": { "en-us": { "role": { "label": "Deferred Revenue [Abstract]" } } }, { "auth_ref": [] }, { "us-gaap_RevenueFromContractWithCustomerPolicyTextBlock": { "xbrltype":

"textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerPolicyTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Revenue Recognition", "label": "Revenue from Contract with Customer [Policy Text Block]", "documentation": "Disclosure of accounting policy for revenue from contract with customer." } } }, "auth_ref": ["r158", "r418", "r419", "r420", "r421", "r422", "r423", "r424", "r425", "r813"] }, "us-gaap_RevenueFromContractWithCustomerTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/DeferredRevenue"], "lang": { "en-us": { "role": { "terseLabel": "DEFERRED REVENUE", "label": "Revenue from Contract with Customer [Text Block]", "documentation": "The entire disclosure of revenue from contract with customer to transfer good or service and to transfer nonfinancial asset. Includes, but is not limited to, disaggregation of revenue, credit loss recognized from contract with customer, judgment and change in judgment related to contract with customer, and asset recognized from cost incurred to obtain or fulfill contract with customer. Excludes insurance and lease contracts." } } }, "auth_ref": ["r158", "r410", "r411", "r412", "r413", "r414", "r415", "r416", "r417", "r428"] }, "us-gaap_RevenueFromExternalCustomersByGeographicAreasTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromExternalCustomersByGeographicAreasTableTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/GeographicalSalesandSegmentsTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Sales by Geographical Area", "label": "Revenue from External Customers by Geographic Areas [Table Text Block]", "documentation": "Tabular disclosure of revenue from external customers by geographic areas attributed to the entity's country of domicile and to foreign countries from which the entity derives revenue." } } }, "auth_ref": ["r107"] }, "us-gaap_RevenueRemainingPerformanceObligationPercentage": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueRemainingPerformanceObligationPercentage", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/SummaryofSignificantAccountingPoliciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Total sales return amount", "label": "Revenue, Remaining Performance Obligation, Percentage", "documentation": "Percentage of remaining performance obligation to total remaining performance obligation not recognized as revenue." } } }, "auth_ref": ["r1030"] }, "us-gaap_Revenues": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Revenues", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedIncomeStatement": { "parentTag": "us-gaap_GrossProfit", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedIncomeStatement", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofSalesbyGeographicalAreaTable", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofSetsForthDisaggregationofRevenueTable"], "lang": { "en-us": { "role": { "terseLabel": "Revenues", "verboseLabel": "Disaggregation of revenue", "netLabel": "Sales by geographical area", "label": "Revenues", "documentation": "Amount of revenue recognized from goods sold, services rendered, insurance premiums, or other activities that constitute an earning process. Includes, but is not limited to, investment and interest income before deduction of interest expense when recognized as a component of revenue, and sales and trading gain (loss)." } } }, "auth_ref": ["r138", "r139", "r226", "r241", "r276", "r285", "r286", "r301", "r305", "r309", "r311", "r313", "r321", "r354", "r355", "r356", "r357", "r358", "r359", "r360", "r361", "r362", "r541", "r621", "r830", "r1100"] }, "us-gaap_RightOfUseAssetObtainedInExchangeForOperatingLeaseLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RightOfUseAssetObtainedInExchangeForOperatingLeaseLiability", "crdr": "debit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofComponentsofLeaseExpenseTable": { "parentTag": "us-gaap_OperatingLeaseExpense", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofComponentsofLeaseExpenseTable"], "lang": { "en-us": { "role": { "terseLabel": "Operating lease expense", "label": "Right-of-Use Asset Obtained in Exchange for Operating Lease Liability", "documentation": "Amount of increase in right-of-use asset obtained in exchange for operating lease liability." } } }, "auth_ref": ["r561", "r871"] }, "ecd_Rule10b51ArrAdoptedFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "Rule10b51ArrAdoptedFlag", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "Rule 10b5-1 Arrangement Adopted [Flag]", "documentation": "Rule 10b5-1 Arrangement Adopted" } } }, "auth_ref": ["r998"] }, "ecd_Rule10b51ArrTrmtdFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "Rule10b51ArrTrmtdFlag", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "Rule 10b5-1 Arrangement Terminated [Flag]", "terseLabel": "Rule 10b5-1 Arrangement Terminated" } } }, "auth_ref": ["r998"] }, "us-gaap_SaleOfStockNameOfTransactionDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SaleOfStockNameOfTransactionDomain", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityDetails"], "lang": { "en-us": { "role": { "label": "Sale of Stock [Domain]", "documentation": "Sale of the entity's stock, including, but not limited to, initial public offering (IPO) and private placement." } } }, "auth_ref": [] }, "gtec_SaleOfUnitPurchaseOptionPrice": { "xbrltype": "monetaryItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "SaleOfUnitPurchaseOptionPrice", "crdr": "debit", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Sale of unit purchase option price (in Dollars)", "documentation": "Sale of unit purchase option price.", "label": "Sale Of Unit Purchase Option Price" } } }, "auth_ref": [] }, "us-gaap_SalesRevenueNetMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SalesRevenueNetMember", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofConcentrationofMajorCustomersandSuppliersTable"], "lang": { "en-us": { "role": { "terseLabel": "Revenue Benchmark [Member]", "label": "Revenue Benchmark [Member]", "documentation": "Revenue from sale of product and rendering of service and other sources of income, when it serves as benchmark in concentration of risk calculation." } } }, "auth_ref": ["r313", "r1031"] }, "srt_ScenarioUnspecifiedDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ScenarioUnspecifiedDomain", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofAccountsReceivableIsNetofAllowanceforExpectedCreditLossesTable", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofBasicandDilutedLossEarningsPerShareComputationTable", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofBasicandDilutedLossEarningsPerShareComputationTable_Parentheticals", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofChangesintheAllowanceforExpectedCreditLossesTable", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofComponentsofLeaseExpenseTable", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofGainandLossesonForeignCurrencyTransactionsandBalancesTable", "http://greenlandtechnologiesholdingcorp.com/role/ScheduleofSupplementalBalanceSheetTable"], "lang": { "en-us": { "role": { "documentation": "Scenario reported, distinguishing information from actual fact. Includes, but is not limited to, pro forma and forecast. Excludes actual facts." } } }, "auth_ref": ["r192", "r261", "r438", "r1023", "r1066"] }, "us-gaap_ScheduleOfAccountsNotesLoansAndFinancingReceivableTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAccountsNotesLoansAndFinancingReceivableTable", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofNotesReceivableTable"], "lang": { "en-us": { "role": { "label": "Accounts and Financing Receivables [Table]", "documentation": "Disclosure of information about accounts and financing receivables. Includes, but is not limited to, amount of receivable and allowance for credit loss." } } }, "auth_ref": ["r80", "r86", "r316", "r1080"] }, "us-gaap_ScheduleOfAccountsNotesLoansAndFinancingReceivableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAccountsNotesLoansAndFinancingReceivableTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/NotesReceivableTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Notes Receivable", "label": "Schedule of Accounts, Notes, Loans and Financing Receivable [Table Text Block]", "documentation": "Tabular disclosure of the various types of trade accounts and notes receivable and for each the gross carrying value, allowance, and net carrying value as of the balance sheet date. Presentation is categorized by current, noncurrent and unclassified receivables." } } }, "auth_ref": ["r80", "r86"] }, "gtec_ScheduleOfAccountsPayableAbstract": { "xbrltype": "stringItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "ScheduleOfAccountsPayableAbstract", "lang": { "en-us": { "role": { "label": "Schedule Of Accounts Payable Abstract" } } }, "auth_ref": [] }, "us-gaap_ScheduleOfAccountsPayableAndAccruedLiabilitiesTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAccountsPayableAndAccruedLiabilitiesTableTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/AccountsPayableTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Accounts Payable", "label": "Schedule of Accounts Payable and Accrued Liabilities [Table Text Block]", "documentation": "Tabular disclosure of the (a) carrying value as of the balance sheet date of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business (accounts payable); (b) other payables; and (c) accrued liabilities. Examples include taxes, interest, rent and utilities. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). An alternative caption includes accrued expenses." } } }, "auth_ref": [] }, "gtec_ScheduleOfAccountsReceivableIsNetOfAllowanceForExpectedCreditLossesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "ScheduleOfAccountsReceivableIsNetOfAllowanceForExpectedCreditLossesAbstract", "lang": { "en-us": { "role": { "label": "Schedule Of Accounts Receivable Is Net Of Allowance For Expected Credit Losses Abstract" } } }, "auth_ref": [] }, "us-gaap_ScheduleOfAmountsRecognizedInBalanceSheetTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAmountsRecognizedInBalanceSheetTableTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/WarrantLiabilityTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Warrants Outstanding and Fair Values", "label": "Schedule of Amounts Recognized in Balance Sheet [Table Text Block]", "documentation": "Tabular disclosure of the amounts that are recognized in the balance sheet (or statement of financial position) for pension plans and/or other employee benefit plans,

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instruments measured at fair value that are classified in stockholders' equity, if any, that are measured at fair value on a recurring basis. The
disclosures contemplated herein include the fair value measurements at the reporting date by the level within the fair value hierarchy in which the fair
value measurements in their entirety fall, segregating fair value measurements using quoted prices in active markets for identical assets (Level 1),
significant other observable inputs (Level 2), and significant unobservable inputs (Level 3)." } } }, "auth_ref": ["r1115", "r1116"] },
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Includes, but is not limited to, balances by class of assets, depreciation and depletion expense and method used, including composite depreciation, and accumulated depreciation." } } }, "auth_ref": ["r7", "r565"] }, "us-gaap_ScheduleOfQuarterlyFinancialInformationTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfQuarterlyFinancialInformationTableTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConcentrationonRevenuesandCostofGoodsSoldTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Major Customers of Accounts Receivable", "label": "Quarterly Financial Information [Table Text Block]", "documentation": "Tabular disclosure of quarterly financial data. 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Includes, but is not limited to, description of arrangement, lender, repayment term, weighted-average interest rate, borrowed amount, and description and amount of refinancing of short-term obligation when obligation is excluded from current liability." } } }, "auth_ref": ["r69"] }, "us-gaap_ScheduleOfShortTermDebtTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfShortTermDebtTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ShortTermBankLoansTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Short-Term Loans", "label": "Schedule of Short-Term Debt [Table Text Block]", "documentation": "Tabular disclosure of short-term debt arrangements (having initial terms of repayment within one year or the normal operating cycle, if longer) including: (1) description of the short-term debt arrangement; (2) identification of the lender or type of lender; (3) repayment terms; (4) weighted average interest rate; (5) carrying amount of funds borrowed under the specified short-term debt arrangement as of the balance sheet date; (6) description of the refinancing of a short-term obligation when that obligation is excluded from current liabilities in the balance sheet; and (7) amount of a short-term obligation that has been excluded from current liabilities in the balance sheet because of a refinancing of the obligation." } } }, "auth_ref": ["r69"] }, "gtec_ScheduleOfShortTermLoansAbstract": { "xbrltype": "stringItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "ScheduleOfShortTermLoansAbstract", "lang": { "en-us": { "role": { "label": "Schedule Of Short Term Loans Abstract" } } }, "auth_ref": [] }, "gtec_ScheduleOfShortTermLoansSummarizedAbstract": { "xbrltype": "stringItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "ScheduleOfShortTermLoansSummarizedAbstract", "lang": { "en-us": { "role": { "label": "Schedule Of Short Term Loans Summarized Abstract" } } }, "auth_ref": [] }, "gtec_ScheduleOfShortTermLoansTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri":

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Finite-Lived Intangible Assets, Future Amortization Expense [Table Text Block]", "documentation": "Tabular disclosure of the amount of amortization expense expected to be recorded in succeeding fiscal years for finite-lived intangible assets." } } }, "auth_ref": ["r839", "r1088"] }, "us-gaap_SchedulesOfConcentrationOfRiskByRiskFactorTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SchedulesOfConcentrationOfRiskByRiskFactorTextBlock", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConcentrationOnRevenuesandCostofGoodsSoldTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Concentration of Major Customers and Suppliers", "label": "Schedules of Concentration of Risk, by Risk Factor [Table Text Block]", "documentation": "Tabular disclosure of the nature of a concentration, a benchmark to which it is compared, and the percentage that the risk is to the benchmark." } } }, "auth_ref": ["r30", "r31", 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Reportable segments include those that meet any of the following quantitative thresholds a) it's reported revenue, including sales to external customers and intersegment sales or transfers is 10 percent or more of the combined revenue, internal and external, of all operating segments b) the absolute amount of its reported profit or loss is 10 percent or more of the greater, in absolute amount of 1) the combined reported profit of all operating segments that did not report a loss or 2) the combined reported loss of all operating segments that did report a loss c) its assets are 10 percent or more of the combined assets of all operating segments." } } }, "auth_ref": ["r141", "r276", "r280", "r281", "r282", "r283", "r284", "r291", "r292", "r293", "r303", "r304", "r305", "r306", "r307", "r309", "r310", "r313", "r825", "r828", "r829", "r830", "r832", "r834", "r835"] }, "us-gaap_SegmentReportingPolicyPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": 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"Expected volatility", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Fair Value Assumptions, Expected Volatility Rate", "documentation": "The estimated measure of the percentage by which a share price is expected to fluctuate during a period. Volatility also may be defined as a probability-weighted measure of the dispersion of returns about the mean. The volatility of a share price is the standard deviation of the continuously compounded rates of return on the share over a specified period. That is the same as the standard deviation of the differences in the

natural logarithms of the stock prices plus dividends, if any, over the period." } } }, "auth_ref": ["r461"] } }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsRiskFreeInterestRate": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsRiskFreeInterestRate", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofFairValueofWarrantLiabilitiesTable"], "lang": { "en-us": { "role": { "terseLabel": "Risk-free interest rate", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Fair Value Assumptions, Risk Free Interest Rate", "documentation": "The risk-free interest rate assumption that is used in valuing an option on its own shares." } } }, "auth_ref": ["r463"] } }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsExercisableNumber": { "xbrltype": "sharesItemType", 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Excludes temporary equity and equity attributable to noncontrolling interest." } } }, "auth_ref": ["r79", "r83", "r84", "r108", "r730", "r756", "r757", "r872", "r900", "r1059", "r1083", "r1122", "r1180"] }, "us-gaap_StockholdersEquityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockholdersEquityAbstract", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet"], "lang": { "en-us": { "role": { "terseLabel": "Shareholders\u2019 equity", "label": "Equity, Attributable to Parent [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest", "crdr": "credit", "calculation": { "http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet": { "parentTag": "us-gaap_LiabilitiesAndStockholdersEquity", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ConsolidatedBalanceSheet", "http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityType2or3"], "lang": { "en-us": { "role": { "totalLabel": "TOTAL SHAREHOLDERS\u2019 EQUITY", "periodStartLabel": "Balance", "periodEndLabel": "Balance", "label": "Equity, Including Portion Attributable to Noncontrolling Interest", "documentation": "Amount of equity (deficit) attributable to parent and noncontrolling interest. 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Examples include: the sale of a capital stock issue, purchase of a business, settlement of litigation, catastrophic loss, significant foreign exchange rate changes, loans to insiders or affiliates, and transactions not in the ordinary course of business." } } }, "auth_ref": ["r575", "r576"] }, "us-gaap_SubsidiaryOfLimitedLiabilityCompanyOrLimitedPartnershipLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SubsidiaryOfLimitedLiabilityCompanyOrLimitedPartnershipLineItems", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofNamesandRelationshipofRelatedPartiesTable"], "lang": { "en-us": { "role": { "label": "Schedule of Names and Relationship of Related Parties [Line Items]", "documentation": "Line items represent financial concepts included in a table. 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Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": ["r69", "r70"] }, "us-gaap_TimeDepositsAtOrAboveFDICInsuranceLimit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TimeDepositsAtOrAboveFDICInsuranceLimit", "crdr": "credit", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/SummaryofSignificantAccountingPoliciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Deposit insurance", "label": "Time Deposits, at or Above FDIC Insurance Limit", "documentation": "Amount of time deposit liabilities, including certificates of deposit, in denominations that meet or exceed the Federal Deposit Insurance Corporation (FDIC) insurance limit." } } }, "auth_ref": ["r9"] }, "gtec_TotalMajorCustomersMember": { "xbrltype": "domainItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "TotalMajorCustomersMember", 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Excludes change due to standard antidilution provision." } } }, "auth_ref": ["r406"] }, "gtec_WarrantExpireDate": { "xbrltype": "dateItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "WarrantExpireDate", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ShareholdersEquityDetails", "http://greenlandtechnologiesholdingcorp.com/role/WarrantLiabilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Warrant expire date", "documentation": "Warrant expire date.", "label": "Warrant Expire Date" } } }, "auth_ref": [] }, "gtec_WarrantLiabilityMember": { "xbrltype": "domainItemType", "nsuri": "http://greenlandtechnologiesholdingcorp.com/20240630", "localname": "WarrantLiabilityMember", "presentation": ["http://greenlandtechnologiesholdingcorp.com/role/ScheduleofFairValueofWarrantLiabilitiesTable"], "lang": { "en-us": { "role": { "terseLabel": "Warrant Liability [Member]", "label": "Warrant Liability Member" } } }, "auth_ref": [] }, 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JN?7LCQWTD\ S]^2, //C ^Y. #\ /S ^<#N,8;6\UG^D\HIY^ M0<[. @L= =N!0?I\^D\I3N^)I!)) R@K^R6?].?}\$F457[Y@P^+A(7:WL?@ MF7^O\N]9]HY]=. W4]MV7ZJ?= \[XW^# \WOGZ4/PXP= \2WC D%N K+ +X8Y7 T MW>A "W" F[V^O\ / R7^>6KY3-1.5.D\!XZ& _Y_ /PP] ! [GPZB*^]=2NVQ M:0 ARP?;&3OW%O4>G#\$B:. \$X\$]PONUO4%3%|\@N4Y]BS5EB]1% D7E0W!%=, // M5==< *T]MF\$ZQ^?;Z]GE O+K9Y= \!\$J. T@+5\$RB> ^. *9Y(< >|B9%]|LJ/B> \$ MR_KG2J9; 3@ "E?^6+>3 /G.]&AXN>?. UCXRO3MV)7PYAX*I=W9OFI/% "X,? M7E^< />67L U^F;L;J#&: \ QVLN N.:(#&[MC174G5VJ52OUS^P7Z+O677P2.E#W]N^X^NBC>;P\$L :]J5T2\$4\$5& M0,UAHT+P?| ZEC^F#? +K! Y!T^+K(-5,-G\|LJ] 8Y ^]N^<P^QE/J- 3.VG MOUO0>B*~ S^F?Z^_X,J/1(G/NE;C]0C M?L;IU^TQ:X^P+I4=<5=E=N(/ ^~J) \$#< 5GYMBZMS^2 ;R3NI (H^G> M6 :9[TP^\$C^Z> .?XOO,(W)S/DQ>/0^9Y95%Q|J.Z=C>G9CWE/DB & USCUV MXB\^&+]|MH;^ ^YI^ *6ZL _SS H/A1 QPCO^5*7/^WSV!S|(#(P7/&UC#Z M,7PR UT^?ZV OMODBY^M^ \.K/)(^"G#A>U^#;(|M/L^,ZCANQ:7 ^~| M:WSOM/NM2|^+K- NM^M^AW1+NUN9|!+ MWT'D^< F\O[W4^< MNDV^ ^H\$|O^O< (WM, Y#+- &L9|)9Y^H27U M(8EG SUPJRC&D<N 4PX<(>X>- %D Z? #,=Z=T&2S _35=> .+XY99.^>? M!ZN^VZK75/W3:|@20-X OS=O^ZW;ZS _);>NF>|LG-JJO>]^G3[I=PDA/3GN/@0PH^*E;/D[A\$A=UN]JUP/P0#X>P1+GA S|).S9>S M%VJZ9]1>1@LW;#4M>W@)M)U3@EIM & J4Z*P(O;GJ3<|G>CP1/L1V, C/7+15/|7# B. [%QPD, (\$+Y _1M 5 NKJF!)] M^GA^W>0^|X= ? M]M.;(O^I8,QR2X8AA<^?#U7KORS8N70^K< MD?..#2?SMHV.OH!P>SXH-Q^|X@MG&*ZO^Z?Q^K?F0^6N.7CYN@?< /#9 M^? GL@DCP/LAQ6N^>M^MUTOWZ=< ^%Y:24 (#F#FSC&^YV2V:Z9>+ M3LJH^H@<^CSADFVM^M\$SRC<+\$. 4f8>.>N:P- 7/6BP21%11)+ VI!6=94L37KP[H#>E^QT5/YIOC K.F]QE\$W,CZ7HJ%)B8%HW R M- 2]N,3%^C5FIACOG 2P=2WGE!+!RE#O1((2D P00S02Q(6PN3,QFLY.SC(M^*LN->>)]^O,(/!*3=X9A0%J]T7R5]^<K4#A[S ^+FM8G^R MT72^6[AY3EV0\$Y.IZTW130<=N(JKV)]@UTPC4^ L>| -OJ0=*)|OQ MJ* /(((<<&GP&-MY=L))#%)H+J.V.^T!\$0R-0^U69A2T]N]^v6 MCLR!];WGGC<^AF\$S|H!)-W#R,<A(P0)7^A[9^Z9(GY?A6P)L,0<+?> 3/<|JZV M/42W%<4TW,\$#A3W#73^ *5#FPT=-8A86J+R3WI,TR.C.PQ:B#D>PX\86D7E MY^*IA:H).^1W^+@ GA EI)PHZ^R0-(Z6!CA)3;4,(H=Z^/V.DE SA5V#F>.G\$ M10/*6+LD\$Q;#IRKQX^E@A!-O^NS+>W P A/A%&^/T^TW^U=O)LS]2EIAO#O:P M7B^F/23O9+>|.^CX?>|?..|V^*=R\$]PB>@U%FKS(* l3=<[413(T7[SS M;9T5U/U7A:QX2#6>3] T7Z4 U^#;_GH2!16@K!.2!^!|8|RL&L2(2^7/ MEH^N^W; 7!K|KV^BYQB^<@A1[(6WD3< F=:7IF_R2.TK6IX] (ZYV^H^HA444- MRI 17^D^F8^WY|9WWR^#L^2^T1D13Z^*RJ, WBT/(V@3#*)MLH&R2EK+Y@B. T=|[M K 8?PI M^*SU^R9).+NE M:#!\$QK5LOAIU=K8S]*G|+*%ZQ>6W@AL-E^*K=Q5(6E9^V7%)K/3U^Z74]*.VQ *XNXTL%7TBP'=-(YR6=KW#*; M@0DB!A9DLO?^|H0&E- CN17!13\$!A5^4J^26L>^DF00[P]B^DIYS?GMO%;?? M;CUI<^U;,%#%?)YZEDVJN])^2>SH11FT7Q2WEL0H?^|&D;+ M,1RNYOM;R@5?20S31].H-?< #6FPIJ^4S+^WU]S^L^DH)K E V!J]ME+O M^&-&+&^/VV\$VU-2C^IX+4 [7Y([# HLOFO@B] MN#51IBPXX<9^I/EL^8 ML6W: |L)KM^4P0@% [WOKMD]^G=ZU^<U^+N^N^K^AG9^=^.[S?]BSJL[?>BU8+ MLY-[Y+^+68L9QW^S6WK@GU+KM] M9M\ AQ4^K!<5X\$GXQU^7]9U-PW2+ (DW>P)+.813.QD#^!X^C^<+ M1[X.C(]/77 A2|XYQVLR?T=S>@]?\$D56%L(<^H4O^ P0VZ8HYOQO[GBE) M56!W PN43. OU7.G: IY^V=^/LZ^#? YEE.O=J0\$&KJX(V2|Y+&E|L>N^A]PJ -R2K|QV M9B -P7F29RY\$;.09HVKU^M=7L4;5]M7L94, +N<3W@L^Z^CTFQOK^<^OV\$% MNB1Y^ [T^&I>|J0V8!=3CZ<+&P L)XHYD\$7+7+7L.Y>:[N^<#&^ \$V.6\$[3K^ M\$GW)2W][BWG+25]>IYRR\$7!L: O!B C>PV2^&E7A M\$U^Z^35K; (Q^KGF%=!Y+ T21: +?3;W7ZH))?MOXH0BWF@.;9%>S%XP9\N92 M6IIR^#RS LN<7VR;6PU EE3]]BP=R;CY|YHK4L4R3N9#?+|W32@_Z_&8V]JOK- M^6VKH)9 WAM+^#TX)K(14LBW\$U|GJ]C8/B)@I.^<^#=# MK^U^~W2P;>DUJ^V7-\$.!RYP^D1^?=(O9O:YG2(6703 1|HN>(GN6^TT-2 M;YTS);1R^D(RCFJ|+RQM,>4<5=+4W;7^X&E, Q\$6C @O^O(^EYS2|WIV&>7 M= >45V)Q3P^NDH^.(H^*4 _FJU^|4,65K U3%-D:OAB^G_ %OC|UOBL[> MPTS]<.DJ5O+^U^%21P4ZD?P>M35@LZ\$5FU@OUW7?>8VHWK#. @O^?M\$Q3-S^V44PCDY;^6OHX]= MG^V^7]KFF.? MM/Z:60Y+/,^E>+O^BOC#|AZ04^%4CN=BF^?BH*]/22QVKBD M(Y,Y[|Y/L+^6VI;CQD|^B?)E^~\$7A!)]JC: ^638%.3^BP/YC_KT3Q9|H?A>* MUPL^7*UT65Y]FT[FLU^VHO43K>J^ZWK!^5VI-EH ^ZP[RR]X^S<6^SV=G\$5 MIQ. UVN^CIFTQ _%&?^Y (D- S]2PFM7+VUMJRW^<^1|H1E(G\$S%<X2%J.4IC(AO M+MS6)X^C^Z^Z: ^>9N@QDGP@V7.^|S[BX6NN^;^&IDVW|5&2QU|^*WYNWE^Z2 MV U? K*|@OR>_M3KJ|WCXRT]5^]?%ERSX@>+.0T;8%|AP&FLLA!F:4256! (= M>MTZC@ O]QVR,T.BP1-R|9]P&?3^9Z^><^E]M|LTM8WZXA3V2B/GHP,]. M4%R^L1F!C*;(ZPG).0% ^P!5^OCJ]B>O|.RP:=>FJZ);N8<^50 _I\$Q|Z\$O4,@ M3I3BQ|8J|XH?A\$E1WCEN=J4B^T78DXFU,15@:2|?!|N\$Q=5N%UK>RQ?</p></div>

MLM=G7M*#B.Q@N[3LAXY;.,BEEC8'[>3V@>JV+H. 3^U@:9 8\? 8>K0X M0(0*/G|DC,?,UMZ !? D,,"XMD#~L!4B"V\$KJ|AR3R|(55P#M D,*GR7|J|Q> MMX:8|MF\$=^RU-P|=X82X*YB20H>5NQ?R|&|G!M:CSO2BWF|P :|A|V|V|N|J08 M'1U;0.P+WU-8R>.R& A!6|OC:PHG-P>C|K|Q9ED|O7#M?Q*|K|P|YRYUVL9-.|Q<E.QM8|/|U@&4*VZD1#P|J|&X,M|!KG M! "CWG^<@|EW'E4Q0|(3C?|(C4.N|-BIQ#L2>;7K>|J)>K|>R|X6|Q|SIBNY2W@ M5TY|G+O('O'<^T^K8;8(= +L|JN|,76(. *DYC;I:F.K0&HV 12:78N1#(X, MA,N|>#BZ|J2AK"CMFX YZ0|W;|CVY8UFUYL64!|?|OC|(TN8:%AM?1%|][?V MY9E4|Q7#M')| 8,2YB|4YP8IKE,U|Y8#ZQ%LKLGE|G.C.L9G9KQ8X&7Z|J|Q MY*#?|7E0%#+Z0#9#-<KU'W*#0|N1|P=J;S|J9X#EZ@|UPH4'|G|Q8&X%J M&C%!, 13MPY^9WRTG ?&P,Q<=[%F|Z|>6+8:AB55-P1=-I0-#&#!4F|J|,Q9W M|QNVPQ>|,K|C37T9E|U|6L32=1.%\$A, ^MAVB=B=7K^'|J|X|823&X,Z J M.6\$Q'>29^UBX(X|V.ZFN|JQA=|>?S(1|'K|J,0+74Y*7+;F|S|6F N3N9# M6DIE YBLWT10&|5=# G:(SRICP HEA=BY5|KNZ'. ^14HY\$Q|P=X>I(S=I=VW M(78|ZJ)|M|'NG^?T24'|>^CTNM?MRR9^V|R5|JZL_Q5@1A|DO?8? Y%NWT : M(ZW.)|:SN'|J|K9R+X(05%*#|UE=D:10?N|'H'Q#U|EYL(.WZK|DFY+J|;6U MH MQ|4CE+4|HO>U'3P!#+O6;2 P:Y+6|>I'G^W'W^>+>*)YQX0L 3-#>J|B'^I: MOG#1|'TE5|?|=WWL1'SB= M|I? YNGOP:G7Y&Z CC%,UNO|J?#90;G:F|G|S2Y MTO|RB,^12U,'Y'?<+L0;HF|X=%+H&^IFO>68%|J|TBO%E%>^;[2 &SP. MA-* TOO^N=>^;#>OX: (BM,7==QAJW|J|ZU!|8YD>X3<^8BB|W=XWN1E|JZ M>=M|7X3=;A7|6AG>A7M2KKRU|&O59TX-G?QF%=J9U:96OU6NKKQS.5S#GN7;O7B?*[RD XK|D2E3X;1MN=1%.V|/;I\$ G*<M26C48%;*31)MB42AYU>|=[&#|'KT3RHNT6R6;W>Y.-4L>W.SUF(CD|JL\$E5=0 M7 -QV|LSW50P%5R| |U7RN>^3|K\$5D51MK MIT7|6E1R|945|O-XT|Q|QRTU|B|J|S?;|J|,U|5|B,PL7#HR:NH-Y^9% M&6#W2C+5|DNJ?8=07YD6M|!.\$RX"QG6 6#NE(J(-5)K;58N5#EA%L *!>|(N|Q|L,2|Q%J|N(Z'G&1B1M MVOHAP):"V%. 3.DV:\$6\$4'4E91@RU>N+>Z|X'E67W|T^V 00@P|J|DA(^ MVPMN9;83+QD^542@|J|^3C+0|+I+W=[PXU#7BZ8\$A|JFFY1;9G|>GNF#*@R.3. 0*8V#|Q+3XO.TAV|J.##@:NZ MH|J^H"G|4W>24#I*.- MW7#8Y65X*#?|Q IAJA)X#B,ZH8A,U@72G:6ZB|H|<=& M|Q|@|J: 5'-J73@FO?W|QR2EDQ!|;FFBI3DP72X7|@FKU@Q. ^NCLF6=.[&6/R MMN1=1F=# (<2%|ISX|V.,@|I'#EJ,NUOCT'YO')U|Q:6ZB|YMBZ|WO=;7*;> MX^M/9EK5P2#5E9|@^HI*3F-;H5G-\$Q|J^W/V,'V'C|,8=VX=&*^S-HL M|=9"@Z7|C|4AI|6^YTVAK>2^|NV>E|,18|SAJV?#V|I|(P^QA6;#&A;<4.P MF^6AK|J K#S>K|RLB?DDA>%S82W'P,|>V.J:|('L|S =U:23QA6R/<+KU4|;#E.C.*34S49&5OC.1SG9CYZX<|J^J|V|+^9G7H 1^OML M3L,K|I *M9AJNUQN7.Q=|Y|('V^-/2R89-E8^>Z>VPY M>^|/3|'I5FF Y|C<NE@KW#3RA(ZVG01D=M|)>A|J|,!'61|I^|TK|YTD.,^&4T7^TM2|@W7|J|N|X)YHS49\$-.\$&Q^OO^&GM7LWU1|J| MSJ2281\$=6H|)>| +X^UIP=?3,B)5D3%4N%N|< LGX^?Q 2B>~99=71+ GJ M08 Q.78@N>=Q F|J|J^HLJ#5|>^&CHRRIT\$.- #Z4)=T01&|,K*57G|M= M M%#E=J 7N1CU@|ZLU39#4S2KO*9#H8VR&|84E|/B|J)* Z1C#IYO/ "FBEC|J\$ MNBW1J2P=4Y\$E0=%W#M|J? @|B#*#|NBW*U.3:3HAB|("OR-8L=14W\$GE?&F;K|JY M3#;K|J<<@3G47TH2;R. "9W|H|U|I|Z|Q6|WPHN2D2,F?#?;7ZL+DK*|HB+O@P4= M,993|J|D6^ZAUUHU4U|HNU|U=7H,2LL+RTA|J|Q=6Q|U|B|@9|@N.I&K.9 26. MW+Q|N|J3=Q+T+RQ4|Z(C:R|=F|C'|J;WAJ;UA^O:&Y-V%PT? \$#@O1 -4ZO#4ZG\$SF7=J=7AJ M=7@8JDD*ENV>E-^#<^F0>^V|LCRVL^8|Z>+3;3Z+6';>C^XQK*%&7.67T2 M| |A|1|J|'4|2:W|TYF, #K#O3 D^&V^CF-.D?H*5?S\$PY|C@S|IY|F-83,? M"? OV<@<^&=2M7\$62.Q5:WZ+GONCIE?|=UG@'G'7U\$|B:HB|JHLR/7-?NF# MM'E,2MB|>=,?\$%#|HS1MCG 8?2LHIZY.\$J:)=V=L,WUG<@^P|VZ|.2|3|J@ M6|J4L|86T 2S4P6 7:Z4D-D0=WE^&433|)(LF,3=IU15|J|KVY=HAI ?|9S1|KL|ID(O4\$3\$|J?>GS.145;I#P'Q'. :4J.F MBH^AO;DFB3N#3 60:8@B|LK3-NG+>B8+O|O.ZH|;L|V4\$|8^9V@90FR68ZW: M4.N2H|E|Y7WICD4JL.F1^|N|J^'+30^QR9SOO.ZQ=PAT9BVJUS,*Y(|,?S4T M| TP%+1.2LATG:3VQIB1@Q|Q777LF**@^Y<Z,YQ0C|; <<7';S1OQ=|J8J8N. M.9O:F^LXF@9PBL@ 9P|C|V;6M.'M|^*SP6|FEIV|X|S.SZQ*?R?E0I0%|), \$ MO;|9#155>11';@:VK 6Q|@|VG+J^EC _..MF BOT5=C8\$|9^UGT.ME1<^G8 MDY-<%)KVV?|GLHT^IHGO202T<|X|DQ5T*0B\$FJL4&PVL|J|>^;+WS3G=82 M^92DP|6W1+E<4&NU|%;42G|4GM@5ZR-R6|>E|J MW>ZS2MH3K.;|H|I)1^K+&T|J|H-YO|J|9(2=L9|V9DF\$;>5>0|F^H.UQ\$M> M !4G5 K|7:T9.LHONM^&M?O?6IU^CU7=7W0| 7:G2ZMS\$9.7>;E#\$M:TR2MK MV@|EQTFX<&7A1? 3DI&;T^T24| C|J>O |T.6:I 8|J9>Z5 |ZY0B|D MHIF42.N?R+J?C6|CZ|S3?>%(AN3R)8 JEODF?KL(RDU|J#>OY|J>W@C^ M@XG&Y G|' D^>ZL=Q^|YSN^W6O|7E3 M.ERJ ?|ES2L|6|J|U=+V^306;8^E|ON&A: L.TO;W+WZ@HVVRL^>Q|G|6M3\$| MZQG VM@2U@&96PP?|CO|^W\$| (@S(F%3\$=XU|Z|)FWA\$77.YP70@26B6E91 MKA52E.|JMYOP#5(9Z|G#>\$&C GEF^2QI^G&WH|O;3MB X;F(-YG55F=J M:&5#!ZOMS97|901\$3IW M1WWS9Y52%|@#*K2 Y# #>#|J8D2Q.G-I P.P3;G7&8 1FXS7L,%< M3AG#19#H&>1R|J;XV;ULX,Z%UVPL%?>N? W|O|T)|K|G\$%#NC|>@O1O^Q5|FB824JZ<8C|J|CBP9.6 M4V|233R#G|DY3\$K.;>JY0:KJ^X|MZ7|MP?^|F+B^WZ?#? MV^E|J|6Y|+B#0O/4#|LAI >N1| M9-7|QH+>L1|J|U| ^G|G^9|22^CTLB2|>^V1XZQ:E2D|O^RVCF1 M#66M5\$|1YRTR97K&KIC=M.5S 162D21EH\$GF8M^2N^DU: H-51XW+>+4<(3DN|DO:& M|8 623(\$0|SW*16ES83CH1>:W#Q.T\$=-8:B'M.C\$NM.>Y2|("HCOZ@F# D.OU MGZP|J|JXWT24@|T5=4%64%T.'T*6O6&FJN>@CAO4.B8^R.'R|^IY^?2Y|XKT1 M*3@|HVGQ@>6+BJ|(!=F:XY5OA%|!|L:1\$B.X3(>DW0U|P.2 'S8K.*Z.SB M.IY|JXSLA:ROXN4FK=KXO|A2V#|@T#C|J|O1|J|Q|J^F^F7.'G8QY0(RG MD=8UO% C^EFF H;WV(TOQGD) :8UQG+ A^ZHL^9+|UCL\$Q^OFE:922K7&N MWJ5Y">4E9?3GA-K>85N7|)>NA(H(O59P|?AJV)5#DD2A5M|J^GR|!+SV!= M351- D(UBZ|J|Z(K|V|E|YX=C8|=9>1)?2:8

1%AO>BQ=RX:9'G5/EX15U0Y,V5)S'DE;8-PJ:JD(ZH MZP(K=,D3M::['1A/R/M M1*F:0<:GJ4K[,36Pl=IY9TO/E,/'0/LG M8X 7/4JJE-V@>#1\$ZL>5->(3>75+>QOWNP6K5BGICBYBR00 S'5>E;#*ZIIA#MMVWIK:X922 M40&V/M19%L&DVYX@/39%FZ;90S,1=0T1-190C%SL6#;I03/Q10? MF? M925H[MFM0]&*R^?GK1#E1JSA5GB)<= I?V?HYH:9/U.: MCJP2M=51<&".+BBJ/163LZV&8SDF5)1'U:J.F"74YA4/C\$R/XIAGSSD 1CE' M' =I62T%IMJ]B^CCL^,IF.MT&*IU\$0Y 2U* &R2*X'I RTI&PW-GM >.:MO:QJX# M+=J^ZCDP<*"5A@&QS MY#T9HC0P.I =>*3? D[9IPEY952%X\$1Q&EPZBH1819^F73<-8*&+.YVVAOR00. M' HS'G>?ULADC>?2Y9 M1!A)ZB".BA"72YB7B?1R(- &4\$HRR.@J&G<+.N090DB& Q>\$7^U/^#DAL M0JLYZC0V@;N"*X*48.16L06#LP02DVKU0S@-66.:#6'3R0+PG>(-YU.OA9U M2^"E*MG)@03B24=G3PS9??3.R7=BA^ ?*W/I)9.#..U,1/6Z MOKD5Y/\$SOUT@B*'\$&B56.ZGI.&XD5VSJP1-.8OC2B>-9I5..YE+ 9J@.MW7) M=Y4.E1*U(8@UG:)"RGG8@02?#(I^="+<3L^AU.I8>.UXS#">< YWN"XO%GI MTQ6PK11-4^VS.<*K5A1KH@P1@8KU0I(OYV4%IN_MR7HI4T-V#UM. (#.24I MOYUOQE*01DF7*3L)R)KONN2H\$O%=K?O*H?>?B(3UM.-" OG/+W?#-1^W@!UJYJ>7+&W..5^M7?POOMH1T I6L:3KKL MTH%L[S9?XK/I&XFH!^OI@IB C.A.3F51&81?MM/J!+ .T.2>V-W8I OPG M+>?>JW@2!&7MEI)9 B#8TXS" T%3=H? Z%Z3WWC'B"2^RWDQ\$^VHX.- *Y&KEFP-VL)@K093D6="Q%R M5+W-3T."LAP24C1"5DR)S0I#0DIY-D.S0\$YSO)?@Y(Y=T%+."RIW18B.\$8 MIYD@99@)DMYK[K\$XZR/="F5.1.WRV&Z6QZ! MJ9NI.WM/P/> SSHB.'?@1B.GQ5=,JQO=*OR0=N9# 0Q.:GK#/:.-<+.[K13 M/P/MPUM5OZ#7O'K6/14- #I/YG(C>5PR1B=K&VNC@+>.WX04Q146#>Z^H^G9D!^O/ MU6?7M LV\$H"TH.A+&CSX1#1%.G ?+&6WB!N(O?7)=KHCW)QW#=:I.W^GC MOK8)I]-? 4:D.O*X(H/I(369@PL/H6PL"S@XLJ54SR;1>"/I<8 MYR&:7O2VE+%0BRD(8WJWZ;A]=YJ=BVT\2=<%C0"IC6@-*AOSNV>@^ZW-/MRIUI_V =7>^TZQ:XIJXSE<1-86/6FZJ#SNZ1?)JMMJ|@Z/U%05=*UJ-PI(M#:.64(TG2@^V.^5P:YD*KNY0+^#K=?/S)=BAB?AI+GOLZUU1JLCUF"=Z#2E M)M3T(B:YYZ?8180.9K(11ET?17HOJ>?W*3=XCI JU/OEYTR/.PXXMGF=J16 M.UA/L4GBZ:IEIO\$[@/V9\$E\$E'LAJ"/XA"J(.U6=5J.S"MV^ZTM3.SITXM6 M#&+L2G8-1J8P^8-.8!\$%.#J4<="9KK'.K/I@FO+H. TDDIM=)Q^5FVYCA&FA M7IA&J6&I8^6)3X4JP2\$G *60<82N.0R1+L.C7LBIH(6CVS+E/R:."+XZQ. M- %XINLR17=8(508!K"M>[K5/ .L N5@35+ #EDN28E3W N. XX@;TK.8*. 8Z M>K=KF 7"K>MK2S-6"=G#NI06Q06VKV6N!N\ 1*T O.NPEH7ID? KGJ .OS6O M6440?GG;Z05OVQ>L<A+>RXIJLQND!CQ ZV IM83D!L:M+N+YKC4 91! -:K# M2^2B5IY0UW*W& LCMX.QE-\$?\$ S:YEW=@F+9&HWH8.NIGWA41)@L@LUI*!#I M0*(A^+5F6J#5E615W2J;L.D6WE;BUPD*52P.\$1<@10:!'#A\$.#(R)7B M#5+3+ @=Q>FL.Z>BZ"UYD PI2 .E1|<IME6N3Y:A*2A5H?N.(M82#3. MSYPJ@*MC*|6)/OD<^M+N!-"ZQ|1?YL-6I+3^9KJ5PYD\$A.)F\$OP&\$(DE\$7 ME 2S@JZ:%V<|^J^H5&K.LB:M0D^N"FE&".X\$Z8+8C.9VL.U^Q@??(7JIGIANBY&.-K)(1@X'=)@4). (P=DG^ M.WP4/NUIRPOV+93 1*5I3DU(|1CUJ^0(AEHU>#EED1)I*QC#^|.I@B! M-.<J.RGZ@%KL#9ZV+ (IMO^NJ")L.PRRK<9RD.\$/*<6CA) ^YS!="J#*DOI M3*ZF!9L[RKI>FF.R:7F#L>.- 78JN6I(AEHBIPN#@XAV&FEP>^\$5LF [3D13]@U- M.011-4@USULA365=520C.S<>K+29B MRYNUI#0YI5#J.#G-WF=:Q5=0\$ PB5B9_H(3OHLZ#6#L&V\$P3TO|KNO6E; M_V%6XD7\$|>#%TO|>@%Q&\$Q. =D=7?(OOI=O_9GGVX0V?O|@OJE !>^X5I2 ME5 0Y1.4P2ZZ)N?%? M;OG>D"IF@&F?=?5 O?4|ZW12T06P? ^V^+&+&F?2/PV M2I/3_K H?)".VS9Q0OV013R5FY.%X"BGAW3P8.-IN^I M! <1ZH012D<7CCMO7J(8VI@X4B0)218 77#E@WT"/@#DN"7Z(GA1J|ZT2\$QQ M@54-Z1.=O/X"J8ZQ3.(P#.WJGK85)R@1N/8K\$D"?CEQG>%T !I&0=OK^|S M|ZH*^P/W-<>8"KOKA\$.S*FZ|^C7D1T.Z#ZXSO7I@%NSIYO".->.[SQI: M)FY/(#-1.:1=:V*YJVIYAYJ(H)JE GA^LP0- 3"7_0ESAD\$9CP_QIC.^03 M...:#QZ9>MS/L.+0A5?@N0 ZOH0X9G> M T/O.[SVP8&^PM^CZ7ADC5F1">=Q>|>#-7DOW2^IR9%O HV|XDFN@G5Y9#(V M7Y@R^X@ F7"WZXPKG\$)(5I5)@!(V1-6M?2) @AZ7O>NXWED:"&4>#2& MD\$.P*1 2' M|>WYM M|^8>VY11D)A#)KS MZEIYB6"W2=2V:2FR/- WR+0?TZ71\$KF.-I. MGI:V#%#0EJ2/8YO+&W+N0V<*O.DT30"49 14682@toKV")I*(XFMA.*M#(1'&L CX21HJ#E\$23 EY^!<8J/L?L#O3? 4'R%>/D.S:GIN !*UK MZ[0A]YO@BS!42DH/^Y?\$. _J.?COV&EE)B6"S>-OU-<=(4+5G@&\$9CN M'>R")J0&W/(!SH(7@2'&UX(C>%^D!+ [C3&:1@*X&&A=-.296)JN>_1W# MWTS^Q@^7%+X&WGL-I@3L2/6"H22CF#R6P"22S_7&N"&YH_7D.U\$6|:>7QE M#5QG+»#I^B23IE|5F4>9" (Z>\$E.D.D!\$+&(&6I)"/""TSL1P.(P7 MY=\$94N^Q<+&ONXJ^O^C!<2UUVAJG#1I)""X /HNN-4%N3- I\I"B%50BUR4GJ8=+!1S0^F/U>0S980R1-1H%E!5C/M#PHBN<J\$)PF INVONQIX2F=!^9PL=IMYE7DQ&Y1T)V@.[4.(D?#9LL3F| M|O)\$SB4OXUP5DVC8F\$DWEJ3?/?(I\I/L5@&KNFS.38M M% L^~0:GE3T>J)"\$|BUJ|U0|D:(.-|L?KAA: ^YHXS^0_V6@#+3L|%-9I> M"/UK:DV88AVI" |%T"DJUX^OW<- F(X9QX8#W)J|V|<"6&6K130R."Y5R?EZN M^?L" T_I03(M?7I@.P|E<^&FUN#5<4KG7&*P&ZL\$V1'W)V@:!(4=@)!.!A M9-U| [X68^K4C&N6(A*^+1+I9/H^CJ @_4 STXICU0M%4)3>YW7^\$K.P MS LO|BL'H*?PWN9#5K~W|Z-'D|Z-.RT.\$6:B^D)NZ3T\$Z4/O^X?^TH* M - B5<M..?DVA^>.WIIAC^?DVW AKJ3.U8>?DLGTSM@0^R7@AE^Z.H/I.@ERVZ.=AE M\$0>|^_PZ%S8I%LF3:B M>RO=Q."WU"U"8@X@H\$DN>&#ERPUN^9I&AUX=\$7I^ORZ"Y^U0ZJ@OHSZ8WK^I M5^I \$0&=?E^9\$H !W4D..8Y+&+@/0>R&I6OH67/T7R*&\$0!8^ C@)N/@R^O M^+AW&8.^BC!#"Y^S^P7UD?P|^I^8<.[9OMD PP1@1S+D>0G.D=E\$> >8SL7F' MD3.1#L("O|CL"W0=UB9H4*"58DIR2.K02%Y2I\$U^T9I8@I7.TYZ.ZI^SYR|!^ZP1L|HXCW-%D.G3.%2>0^VJCK1/OE%#? M9:9W).D#3DWNQJJA+KK#S7O:76GON<#W<&KNR| "V8#_S.GW4FKW5HU:L- M53M?TCIYESEG08169_9"1%2P-Q^O?)\3 LC^W4)#5Y/I MP^V7_D=N" #I4@&I=ZFEWMCNEB(I-PZKC1A<O(E' M^+1B:M)Q^T*Y5_@V4>5R;IX:5#G/H)+'.JGG6F1W M_?2+11HH? LO+"\$+12R30YMLGE=VP^+&E,IMA9).#D P%|C:D18V6?ZFL M@="6-M:LCV2VUH:(1^T>AYMR+BO^A GBIWSOM^J+ 7.9B:FSR==.M.6F4O:@D> |%VRE|<@23WDLXEWRE |K@S\$|^GB_..AD7< GWZ|UU M^3X?0^O-RPOR+|F "F5XGOF7^4D:J|H:H:0(I/JY6^!1.02.4%#9VD%9=B MBA8+70)&.Y3X#>2!UX\$0T%=? KIFY|N\$5C3ZTY+LW MM0<.:+<+XS15\$+&PJJLBMBNNP|=^ ^O:O#I=2P& ?> ^U5@VTK64G8V M:- O7V#^QJHC|JBH&DA0<="H6!|64#>:-Q8..HG\$0%0)01WU^KTAQ?>E M;I|C|CBG=W>#<@6CK3^*^NDQ>OXAKO<>+J|/AMF 4?|^E0S^ ^DAH^&NTE: MDQ:3E7YJ.3UQJGM(3N|G|H# 2(I8C=S^O0K\$F(FH51G>E37PU>#89A M<"\$66^CY|=I+ "PS689I|.Z0S<42B&GK0->!+6E1CGF"RVO4@|P8N|FZ|.I2BF?>9.5KUC|PO".I:V1CK;L%^E(\$:WT=.ZP!I.^7Y%D^6N.O!KZ0+B-IQ>24 M5%NDS^I8TYH)2+67/EFVB9?- :F)98&|N|Y^TD=?M=<1)3#KBHOV8RR:DS#T(X5K1:OGVUYU:Y 7(U 8HPP:VRS\$2 MC&I#D02MOD*(+?<%4LEU#&RCUK6\$CD&- MFF&)"3C! [H35<24S)AXI3_7'3<4R=A52!665K:2BC?J84.9J%C&N#B M^317IB(5+XTO+DHW\$B+G:6\$|R.K:QST."#)Y^P")\$JH):I9^X@MBZ6"#=HW MYZJ|V.C#6B0.W'GM\$7EU\$52^39UJ6'^KJVI-^C6|=(HHB)UAAANLH=(78M M)IY_+V).T8:G81P\$2+6\$GW:K^V^&5IE2@/K40_SM%I? \$2 <6EU+Z*TM M)GP12%A*^*LDW%!(^*J.LAP7I95"7=GNCR=:.-)I("Y.WOY:U^L.LUA) M&%E>\$N9|RIG<#+WX^J|).#1^<? ^Y@<6"MY0>WQ=Y+8PBC98 M_9T#BQX20/VLEA2K5Y1.M0.4KXSRZ:4TZ^U5@.A^~M0I)HW%9H/Z2X.\$ MXCH\$ON\$MS2>E<5W(S- :Y@SIA^F7M\$E+V2JG\$95(U&B<+ =204:V>+&Y8643 M%1.I6XU0I@E+&+U5@.M%)YI =BF.T0>PZ6K@X>J5.EIG(L.OI4S)+XIT1DL M.GDA8(47 DYX.N7>+N.DE\$@2EB@*"PMJ|)+6%# M27HN6R53XH.GA^O^FU^_JLK8A8I&AIGOP@VNFZ"F.L20WYX#VK?HBM3# LHM@H>W5C3I3EH3? ^BU\$W<^IE\$ XRI/G3=W MM6KCDH+&\$+ _2FEY/I=OI+KCU|AS2NVZ|TG:13I4I.F%\$8460JW\$A#RX7 M4EB:1\$288U?62|..XZ M*Z_ UXF=O8@|^SV&J^HW&|^S8E^Y+PKTJ8 M\$. X^%7SZ1H|NN C.W6677K.LEO3D)#S/>@\$@S V#P.8NNUF^BWN:573J/ MU@^#KQ=>\$|NG..AEP& LDB:0I>+5B.VN^E=H2JLJVO6<C2W J_~9 M1+Q#0=:O.P2EQ=#IDA+OUY@(^F=8O^Ts=7"&_7EJ4BIA&NM.E=SW)PWJ2> MA.YH(GC^OC).C#F60\$R)|Y.O.%B;/COA2XXNO_+@S=2GR M1EJ^@^N^7^ MZI8DC9;K^:VA='.@|DERJ2=0S(+HWFK035UH_H#G3E#_I@^ 10.-%G|HT MDE%70^R%:1_27.TDQIC^6A/I&R#6E:LUTIH%6^&3X^*Q_1IG5.O/N_OJKW>B^N|>|I-6MU\$&BW%P&-7\$A)7<4R7Z^I@.D&6^PI MRWRIR2Y.#NO.0^9K^W.(4W3@G|OX\$(S|J)L.FCF2.Z.C.XK\$71^J YPSF|MM.+O0\$8LJ=N=|X\$ZROZG.R="9.389L4I6Q8? H6:1>5\$=J2I%<DS<=VC#H MFK2@S.W*2BB#B>)>PXJ|BLJ80<|^>2E?>K148.Q59IBEDDM^26O> DFZ5237 M17I4Q MFIT^5Y<=+|CRZ@OY 80>9^M..?%W..\$B|AL>I.XGK6) K4W6S1D^8=DEK(\$+L@=FBBJ^62I:&I8HHJCKPIL YBO@IG?C|WL6A/8#DP..W|^M^?&DV:Z)Y)@. M&RNV|9\$7FV)?=NQ31<|1XBVQ39O5_78CXQUUV.D=7+UQO@W3 BYUT^<3CC9 M\$FB/SY\$AQ(VO)LOAYBUI9@OVSUT(F#HXQXU+MZ#1#I#1.IPE2S\$2*1Q M<+^="M.O(?2PD&%O F#&9K| BZ:3D)4O7LH7@0\$3T^+I+X#L^I^S- 52L) M^<%R@Q3?FIS I!GO.(DE8%/(I)^%WUOLYFEE.D)6@IY(7FV>?.?K%CBZW MWORN"SV#%9/0UP8:IF.F*=N^V^EP4%:1IO R@^J MKIE PIH\$HRI8F^L0CUJ^CHE.BPDW(I0V).48F.XHXH V\$^N^9N.%7I1\$ M(2^FXL4FO>#%08.5X)L\$YVQG^M|96/KNH>.6#B9VP&2JCOS=145"D+I82I M.O.O^Q&KEAP5^F0L26+I1.QON8D|HAGJCK<^/DZX%&5C2?F1+&XH4&P2@U:6^I&=AAO"B>J.M..L+CL4I<H^S> (4Z.O.WD(\$I^M^R.5ZVW.5F#&@D+V2FQM+GVBOA.MIOH3AVZ49L.ZLON9CPL.0.O2^X0SR\$3CC92_8D/HR>12>? G5F6.W&K9I^ MA8VS!_1SN3R#L8M.AI>M.M\$@N"L)=M\$.P..JJSW6M^HWP+I19%BJR%(W:UC=QOI+.P7242I.C^*AG(3.CL MAI3SH.WP776I#FYC5FKI|X4%=>G&85.8@4I+T^V:JDK Y MCG/2V5WY^@2CP(UHE^QUOQNZLT?7N19Q\$2.9@RI&1.&+7>S08_57@NT M#6\$S_VS)7=Q/UQ<<3>?V^RW&7%V3^&^D09>_&KIZ9KHSE1QTBD)>^E MY5^_0Q(OVBTDKYQ"DM"Q0532+ZHH>=32+Y<(? DJSI*.TPRWC^M7PKAW_L.3 MMH3I^FC+EO^4.ZR0QAV&P/D^G@?O^I^E.%J.V.TA^Q@O\$|^<|CPW(EKPI.LI4ML M1I506=H(>^J&S_8I=.PCQ\$(S#NJVZHV7269Q^X^YXT^+FJIBRXV%Q2^#I0@D^N^J @J0NPZ^_*9@IM+I^W7N5 MU^<%E|6&K HJ\$US^""+ZDV>#%CPTZ&B-D)STDKL)^0I|JL^OT5V&Y^"Y^M?2.B8OY#\$.KRUNO("I^XK1HLNW.0.5^Y=HZ: M64G9K0<1S^IRSGOX^V^2N..^FX%LUF #2PAI991DODNO^M^NL>S(SIOKEP^I^Q@O@^1=VBI5%1 6.NH^GFFHRI*#I8V|S:AL%:#6B|S4A M8K:FT9C|0C.CO 2B/5_6U|P<=1.B292 =+2WB;5)#WS5S(3(+ANO^"Q9:@ M_R&WZJ87^678.2YZ7=1L3I^V1X_ Y)8STLNR@)C/H6AAV)F4E7I46 2I\$ MOI*|_#Z<@I72FI@<"D^UVCYI^UG%I&QZ^I4&3?IEA02XF>E H^A^Q\$%<^W13 MLFYG^IZH^YRINYC=5XQ^3_ J19V^N/PTM^*O<7.&+J)W+>FUSTY?>OH= M^O%*42!20B+I7H.IB^W.+ZEV ML1% CIVB3DW5EOA/4.&RTI(R3? 8%1H)>:TSW&.D4YY""6QGGOU6N)|# M1V8H0<1/ 3#_M% E^*44N#=#N|L=IQO&PYGF9>4(HORPO0>@)CP|QB>(*#?2N|BP3/2P6 MG-3D?2*N) <2&.X@2L245+#+2)2XBVQ\$1N@>J>O.DBP5_IBX|2W.C:+"(\$>B MPW^I4_T8@:8P B""0QCL<I@OLE\$|#\$<^YQC6JL&3.=X(PG5?)J MI+&I^9G^4ZVP>6Y@)JYI&(^YZ+Y+ ""U7^WIOUC^OIB.POI|^V^N M@<I|J0 M^Z7\$&^ELP4Q9HC^GFN:962.2I9&7^X C4&3 MG6I@.KR#@A? 5YSS0.2N6=D1JL|W@EYI2^9X.O.9000.=1Y=4BY.G.^I@&J8>1^N."SO"J|<7.W^7.B.5054\$V8^ MP87^K^%1 JI7&G^4OCL>+SEA1I2TV^A^ <.&T:|9J|AP?A^RR?LL> # MC%) #D^O^H8 G\$|ED5=NH^2\$>S^I^KBUXU>RY6>J|2_V23G>/927<4^I0_M^SACA8EOX:L8....ZOC\$07I4^U35MC&= <..SWZJN)58S|0^23=M7X^5>F^_M^<.:JX2.@#M#8EJ9IF0:(H8 EF9I^FIH^OC5A3)^Q CD/ZI.2.A16.MQ^KJ<^:OZ.*VJ^L0^#A:4_8.W ^4L>4M@<^:XAH^O^HC^<UGIO975R<IDOCZ|:5804_XG|>I9^Z^Q?O MT^>I8M1Z0.<&+J.I.NU^JP#GOB8^ERE^JLXW%2=SI8-M6KKX =+7CQ8P6GB^JLV^ NITWLHEM2Z^<I0C^2D><L1B^DD^_JAU M^0\$S_ +H3W6:"@DLIZ(OYYP3N(^(+L_7S".O5^+W.+9 MQ:9CXM8>:\$GY@O_15<H42^R P4>V@86.M+^%B7@T9ZF.HS:PL3YLL21>|S^GAP DUKUNXTUE^Q\$>#7@ B\$&LPB&6%#1S M:X_JLSMESQ3F6W>M^6H%&=R8_8#.%#K#R\$W@I M4Y6#H.NP:JBR!< (9LQX|F58HJXG>I>G|G<|@YV)20%0ISM0L LPG M^<^TVO.A<4B I0+K42CPO<6TMMWKH0.VNYX3Q^&Q^T^<UGOBQ7%6_KV| MLB6)Q6.WP|FIE:7V8T.>2(?)<K.G.VY&1?A^7R^K849\$:XQ3|D_LVOW&_M^ZB707UI.XH8!#.#^6GD^IX%88J%?IYO441WYL#B.&AS_ J8<0.0W)0^O<9> M.I.H.P@D2<>|SLM%Z&K^A^QE?+5%1G2.O^JKI+?..Y5#&15I95GH(DK;I|J^V MX3|L=S9.TDLT0A0GKVJ^N^6C RK-0Y?

+!/\$2YQY=<4F 3QIL(8@.#X2 M^S M^6SRK 8JX%E@:QS 9J7P^70D9JY0I9J3MW M|GLS|WXB:~\$6WYLD5G+ZVNY)VQX=>26?<6\$%ADRZ["!+|7TW< 5)9A.3R;J M^C^L>+>/8O # C@IQK D#C*TL:TJU<=<\$Y\$P79V/PD^|TA.2G=>R>Z\$UF:9\$OU M.NY4GZJ|O18 M3A^?>=WM6P2MZWW\$SAL@>>=>%E."Q>2N*(G|NIAIO>F(|L:P.B)M#)TIR|)+H15O18S<=<=(9=NA/O/0A6SN)9C.K&VC.R|H^XB*0=<2&/TB\$&L MA1J6%F%Z&A%TO A1JG^IB56NH@<\$K^T240L*2L:U.D.7=\$.55%W @ZP+W>=\$D M<8BX|YI#VK2^7!+=96BBA4J0VQ9380.WT9FKV.AWN.<+I6 M.+N@L^ONV. W*="IEDOCT.E(1%|H.LB.K<A>9B0B>OQ.7.UVOO.H@)39E MO6#^?>M.EM)D7 HY?>5?O|@|D| N00O .JPA9EKNUOY:IDMR|>|YLO&11 MO#0(<+IOLN.#>+TG.L@ 1) "14&.\$IK0E 86J\$S^RLK+P|F.7S9J?1/JQ M10%66(C)> MO!EH5:S^JZE M24 KDDT^1U&JNU57UO? MK|K|K(R|5=-RUM2MW2I)88@/F/K3W..|YT|O^*169|RO R|.VJR./01J M% IXE4Y|J@<GRCZB<0.1^SA 8.\$20ZUIS LE.3(@+6|WA<0XS@&&^E(V# M6=A#^* W)90EB|(^9&\$D.V@18@SAF@2\$H.7Q&F M -0=48=U.^8ZQPSRM+ |HX BS<\$B|P9E K.^Q|621E|3|@<'<4Y)A9^SLG MRA4&J|F.^V16%86S(K.^A+W^S"3JH|YRGKRA %978@/(1@75^+C0@.@N^Z M>%DG 6BA/AG/?=&|!%MUJ@W(MXK/<4<=<%P>QG|W&FY P7M@S+ |F\$%845|S|C43|8+T#1 31 MOV|V6X 3|>2&|SRH.6D ST&L G15|L^IH07XV680/7CW<1)1^2B M 1^@Y|91XKJF52|G(Y@+|K^*.30653FJ|EW<7B@<6R&G\$G\$AD^|H.8GI201P ME. |S|174677(4P&#J|=M&W |G|)Z IN^HC6172?2AOP|8RL? |ONP.CE0^|= M8H|R.VW37N6WZ9^>>HK^1I .H&RYGM363|FU|YRD<K Y?X\$T925EQ2B/<9O M^*|A06@RVU?? 1D#5^ .5BGX8X0Z6Z&E|6="E76|>^ZKUTN^J&|^* 9|VP|=W0MFK V GA M/13=#Y367B=GHQ@M(#004/R6+>ZEA**T+NA.\$S1S1UOBN+|B|CXO9A(=F0|N M<*>@WG=00(YPI +@.F.7 M@|^H E^L5REFX%1O M 1.5>+I7.IBX<>K 4^S88 M78P2>P %U01\$U5.POOJ|."|L1 386(N86Z770W\$E+G.V^* K17L|AYM M|1<6.)2+O|C|JP|8UVO|JT^PG|8R.&^8S? U79OF9K|L1I5N02^X.NB0U4%O> MCD.^O1 FSK|PPEL7 |U.P0-GH.RJ.|J?F(CG^|J|K9 |OES0835W?%G6TS M|B4^|JL7K7QZ."|<%A0^G>.^9GCT|)^=MW.H\$88DLN+|(%)FS.M|)U\$J.L.3=\$J|S=...U7.^Y|H|D24L|W^ M0|KA\$QD\$|N=0 Q22A.P."G<+ MB4BP.H6>5.Y5^|OI|9+?Z.4^0^*)J|PZU AO55(7>6|C7@|8.G^R>)>0O+T M(V7|W?&?JAS)JE6.7+I+=3OYA ?G|B.3L4 1A\$=W54IAD^OK3= MH3<5#1^&|N>><|P^B\$ NM.7O2P(R>|X T85Y. 5 3B.G0 Q2P=LN>|>L M6%N|LA CZ^|P=^V2^F&U3 .9O+I7G1438>1.FN71^E(0L^*>S^!2+I23 M.AVIC<?QZ.|.S2B\$|AKBSLF&015D^+J6ZDNG4>+F#R|V|XA^C9HENEQ31S^ M91N<."Z1^%BS5ZE1.0.P|U^#NKNY7.DQ1G2|P. O:@UM|JBY M&F2=>4BLV.*MG.O5+I|R22 (3^*C.Y ^9O|%^1Y^L.0|32L.NL&2&B.0.G. M|J>APSQT|I%2JQ^R^92.E^VU=(W^1 Q|S^+UKK>I&9PK>L|^I^&G&J|P^ M^L.5.H^PBRF 8GN"><V.\$ZG.^J%|^M?&5&V.I5Z^B4 Y+K96\$KUP?EG M|GQ&^J?>U>^8X=@U^EM7X|L+L)AMBE6QB=6I^|O?>9RH@!(T>MG.2L|SL8 MD^H) W4Y8.IE.*8>@<^|H|O.IAC%^ ^E|7 KB^2=\$ECSU^IAA4E71^ M)05WIS. B|2(|G 4S3UD^VW B=A9>Z.OWCN\$T.ZIARXKFBF<(&OX|JH|^OB M 37I=7% .9J7P.BKF 6T0L^|)51..X@5#K\$B=J0S3\$ZV|E|CJ|E|K^V|^ M\$SKV^K+1S@&^B8|<- 6/5Q8.1|N<0=UR002|PXQY|L 6XHR+|H)8C J25^ M|J2|A.1|J(M&%@ZP4GVIG .H\$K#HJM+H 52ZTD\$J5S^02U3T^OO^E|+O)V4 >.4L^PU.^|)NH@.^0XLTN3C01?4N(&+<(K>^M>8M^Q^8(9TO^L 1RH)2H@2UX@H|Y|S^=^G M+G.W\$X8^S=1V^5RM.3|MQSG2|L|+DW.X|GZ2V|IRV.YY^XPE7O\$V|G ^M27R|U|Y|85N0>C^42!>..Y|S)^.V|+&)> (WL.5P^RCXL6CEKB\$|^RO.GHT^)| MBVR+T04D\$|TH^31 ^%BC+|H01^X\$80.W^Q#D+|^I8|G/B^YOD>/\$L1AO/T#^%\$0.S|= P^Q86D.C#0>3D7B716|U|JPH.E.2B|34 M8|H4387M|^*%>4%&298F+I|P=5)9B|D^Q.3^XBMH.L.X.(FQ2M76OW">3\$5).|L<=|NR.63|J0 M9.X|9| ^#)1A#O|N(EQ@<NV.4VT ^*J^PBMRC .AQ^68D^XLWK@& MIX(F&T2ZHD\$WKTDO|DOH.R13Q\$V.03..(|FSY^Y%E8M4|) /)^|5N|B|YF M^K9U8OJ2S.R3>^XEU3 M^&Z/O|RO|>#E.B4?DA|NEJ|^"APL|&|BS^<^PW&GE^<4@FB\$J|V|Z^86| MK>..J|+D^TZOL6W+|^PZ.#XF2^ M6+.^26W4 40HY#MO+BG@I7.K3. S1L^O|C@9.|@JA^H^HPPD^ M&K|38TV|LC\$TBA^D1214D0^>Y|Y&X^=\$LDN23PD7^ T.^|<^|WR.31#^4F.% "6|EX|@6NE MBQ?H4|X9D|^>|O1O|@>?62P^D 2@2\$QAMU32F%.2F^SE%)8U=2Y4TIAU5.*RUMU7.%UAS|ADN<|>B=^X3C|I+@0%5T\$68.12XU|!2^|F|F|C^ M.* ^|BM=I5.B^6) |JT|U8F+ME|H.BV.S9N73#YZA|W4971?^\$U#5R+.^H|E28|G0X|^&^|X#%2\$6^P**UG85U^.@DX9#P.BM<M.2 MXKU\$.^*1D2AD@80.)@FE%L.TR^<@/7="T<I2M.L0WL MX(|^SGZO8^*&EO\$S^?^S(R.1.P.M7^<\$5>\$.=7|XBO|GA83|W|H7HKUTY1V M2|QO|31A8ZH7G|YBAXZE|H3^N+EKIGZ^|U|OQY^0%N^W?WAP.1^<^P^# MD<1K.A@.^7T^=4CBL9HTP2A5.O|E4VRR|RX>O YZGQS1|J.XXS|01 L|^ (1) M 9|8(WX#==BS^07D?&37X|^WDB@D#>S ^=<="ORC.^G.^C=02FL\$+|^35C M|^DS\$**D|P^TF=E.0L Y1<0+ M|H|P."414 LO^O&D=? 0+D|^J|S.O|F%. M8YB^1 3@^0UB^<+A.|QTR^W|JLH\$4Q8.0H@FDZ^Z3HDH<5JN0^<+95L R&J P.M.G|Y|^O|F^2OD^<^|A2G\$|^@8.Z? CL9.^0%HS0=9|O.G2)=7^B K2N6O M2D1XB^1MN#G2.*8|(|BM.)&6^X8.^F%P6>|O8S9 F4^T |4XLE|9VEDN.M.96|^@>F.T^|1*? 4NF<^|XLW#P|=P9VXZ^92=SX=<5.^K M&T?|I2C|T.ICLY|^|O/^OY|9P\$^B5PD D^V^?C^* 6S|JL.3PMG.2B|^Z@^ MB5^FHI@|.86.F62+&B.<^|DYH ^).AX%X 0(X.Y2SXO)X\$5J2^022TL.C^1 M|)W.O|^1#Q 3Y3\$|93QJ|^S D7A?T<8CR%3X3L^*<86 M0.)S@5|\$(P=31(MRN&D|C|0.&G)^/|^I+I+QVEP |YQG7R@+|^OV#<4<B2BNOG7\$B|07%32I MRE=NU|4B1L.E/ZD^D2(GS3^4941XH9J BB!& DF9QH^O.0M| M9/D@+|^R|^I&MZF% |FQJZ0R@+|^WOK^<W|K^<3U+Y\$^*^ HOL%KAZ|Y|SH|B|U M2|^C^F L^Y^M^<=L |L@7^..33EVP.5ZO|^|^%W D?%VJVRW ^>H H+^+L Q M<^|A^JO=3+M=N=5T.^#6=M.N^|1|X6#!^ YFP|6|^/3EW.(QP^6.B0|VHOL MBQS^#PR69\$|^C.^ %2FNW5\$O=NO.46|8|R|K5P\$ |GT|V8#T|^8RKE|FNQ6\$X^T^35N#2+ M8\$F|L^3+2+ V(2658^%M@H.^@6>..WAW .&4@+W570)D4M^M&C0^5=#S^W MF^60A|W%F=1XAPP^HD MEC|VWSO^MRLJ@.6LMO53K?.\$VO|5QU.(V|VFE@PV|U^10%?FU X^H W|L OTVCT>H8 M@|9R="LEG.(WB^X<^>2H92Z+M^T&D+9|=#L|HQC^AHK|H|T^15|P|MM HVAV MC%9K3|H|Z|^|.06#NOQ.YV^%5O>Q|^<|^%9.Z1L@C78EV|A MFHT|6|=H|7C|^EH<60GUQ4C.NR12>V\$|X^9A K|J8 L2C|G?+J 60^& M6@ T|K&KXL2D|)^.V22%YED^#L|^Z93\$|^|O5RL9_X^QC=W>93.S>|^X71 M26X60K|I99#2|J93|N^Q|T^M5)D^6X^9X^ZS>F|G4|U9WN@.CW2Y|&J8 MO06K|V9T^?>#^U3^ZD>.<%IMOLR=6|Y|5KYX^6P7|M|H|H 8W|>=<^EG<=< MK3HL514 H7="0TA^0VB^T|^1605 OD.H.AK^9D|VZC|H5\$W|QH|^D.&15/MZ|^3^C3D3^&|J|^I+P=GRV<\$(6L|L)6CQ 4V766+|^6|FX>V)? J4|7NP3^H& MBT|^|S\$3L\$M/D.8UX>CMUL.*A8#JLL^|^|&WGE?>XHIHU1R/P84.?^V3QB09/ M M1|^G|13D|^XD7K|=GCT|^IT81%F8|F\$P@|5? WBO.^0VQ3G>^T 4@BG^ MXUF|BH|XW2^..601A@<NQ|^4?^SA& GP8\$A52L@UR(37L|U|XK|T|^6 M#PSN^ J|I2(TM^<=3V5T\$V Q? PAHSE|^L^D5C+|^+C1?2J|U+J5M\$S(P8FYO.8G=5 M.^|MS|72.^|HG|)4DZ+V@T|8^O.HU9.^V|PXP06|@S|I|^JWD6R^AGD^ MXKVO.^2N%W|L+ (7D.8A S^2%0QPKY42^RE|^I#%.#5U+^+K|L.S|WPDY1C M|XU +O|C@7.HL.Y43 VAX1H4+&X^>1P|L8O+|^14D@9T.BLVGBELW M^Q^*1& (D6P4342V^XT#|^2.GPH<O|^? CW#(S.^|X.XOE^U^M MO6VWEF|^*=Q=YSI& **ZV5QR&NM3&J2L7.77+V 0@64@>^|O9P^|)8QCE=| M|^F(AEY4.)@F^OK5P.^I U.=9>..N+D>|<@B^685U^M=G>72V7I2^VAU#++ MQAK^H>0|J8874|(ODYU4|H4>X<1|^4EWF |4Q|^?^6 @C^OB|C. P|O(SZ.) MB|H1^D9M.M5|KA@Y|>=>9M1+|^ 3B.5^HCP^M^CGCY^296^248Q|^?>Q|2T>|.)^F EX3?H.V.M>|^+P+C+&|^8@3|^H%^LX)U538@(<.\$2XR1K.7%\$+T|^Y|^5\$M|^1YD)264FL\$Z^..VJ |T8..Y.V..>|=|^Z6G\$ M=F&^7(3Q0H06.NX6OY@(<^H(C.AS|0\$S1=2UR@/+|^I A^HN>6@RM61^A M.|P E|K.GDG8^1|^47QBCV^Y(ZB^|D|JQ|U|V|MK K+LXZ|X.L|J.B.@O1^M^Q M^G MV^#31^9K+|=/@ZJR^V^|N^>2&GB? A3M@+OB^?C|UBD77|H07|B 6^C6@Y.M.W.UFYFRG|@T&1W>NHSO.G.D6P5=(&O|J)^TU^O4@<f.Y|Q1 X\$Z5SU>U^S MNCC+V&M8U>L\$ ^0^2|T ^B|^J^ZK2\$ 7US|8^>3QJCZ3Y15C.<@."1D M1^L|^HVE6^7QC^&@|QMJ+TR.P|QU^<4^>G|O|<.>S.PIH V92^H92 MJ /3%7^*\$^NCR45WK^*+ZS V!%S&& 81XE 7C6%12R\$?N)WAH.L^N|O\$J2.|M|^ECOT^0A|^=#T4?^+9NWB&+8K ^&DB?OU^9S.^ HU6PP|^ 42|HH4&R&XB M<|^.\$%+<^OR|Z|+)^8TH|H|+8P2^B<90@E#8F^CVGN|^&U.9|2D7^NZ^<^B0S M26|^JG HJ^M#2^W|^<(^S|.9.OBZM R0N^R^<|G|^*X|H|M=KB.J|XKOT2 M^Y3CM3\$J|U MHHT^P4|K^<0L.73.R+^A|)^%XU@&^SV NC(0+^YCPQ3Y.^(ZEH M^1QD6W9R|K=|^G>V8)CO0|A0|S(KS) |AEV^VC&U|W.K3NTEEQ=67^R64|B M6F.(W|K@<L3^D0EB^P.Z^E|B6G|H|Y|JQ&|UAFPX<^H3L=|^6:@.&LHO M^4#.^V3MAXBFJ^1B2|^TSD(^E|L.Z^T2^SR2D|^H0 M|B F>SAC.9RW|TW/GU|N|YVYBY?G^S)|H6>F@AV9.F22X&MXF|T.M+F#=#0 M@<B|XJ|W=CQV0@^KLFMCQ|S.=^/MB>?.\$ KND5%K^V&4Z.^9+|^#X1C+05^M|^T^2U14ECK.1.T=Z\$|SFW<5@M=B|5P.%A@4UK1^ (=4ANQ5\$PQAVZ4^G2 M^O ?|H?2^T^S|C7O.Z|L| R1|H|MS>#%G|OZ8HW^6\$G.7>#ZB|^|T6L3|TH> MV8BW|J6B&6UT4^K|H|^6)<0.OZ 6VG-3Y&>D|5 ^V8|G|D>VF#|^5U2|HZAG+O|8+|P|OYAW^+VQ|4BX+2X MN?F\$&O.4U>TPUC.^PC8|A2WOFCE|CVP<|ZKQK&G=B@V39A70? MNL#&^OD=9Q096C= W^Y^=S1M.HT3S0^U.QYD^*V4D=VF4N|^..2|XS8Y MPL#BLD=S4|H WC4^V^N8|<^JH|1 M|N|HM(|^Z2G\$^Q=E^6R=5^4H1+^OU0W?^V^|^Y5&O.^44#?Y^Q1 MG.OVA+8^AV@M.B.OZAG^K80GWPL^W|B+|^Z27VBS^7^P.ETB@099F45KN9E&F MN? 5FU@H8^3^VYM6=2%|B23A|U13E72R|8.&<@<6|3^2.NZN&^+^8U^2|1MEG R2QYSWWWK194(H|LW|K3F2 6|W6.6|3A3H1FY9R&.^7G%= %Z6\$&#&\$| MCF#|^O|66QCF.<^|^|ODAKZ|Z# E1%W\$+ETBX2|3T=+|^LDO S|^>#A MEYWF^<P.^D^G. 8T=V0D^W=5CAZ1&S^WV|L|^U.=>9|>||<6.O4 L|&@&^&RYVU+|^T|^L M^*^| GKLC@|^2.M.)KP^1P.X#|^>+|^I9I2Z X|^|^JW&U^H% O+|^<+|^M\$|^N|Y|^4.^I.CHE85|^P 9^AS=HCPV(6^E&Z12D|H0F&8Y#10EV|H8 M|UYD^PZ^MT MD03X<6G^X ^DY^=|^|^P|^1U426Z|6F^<^A@<5|0UE!EX|Y8J.WR3L=&".W0 M^O6&R|L J6@|^>L|LRA5%(D.1U0S@V).P^3BO1P^M3 B|E|^Y@|P^VAND/P3C MUN^>=2N.^|C%&C^V^C4)^2GD09/G|K6|D6F.P^Z9%XA| M5|5\$V^*1\$6DMTX203CJM^W#|^|G^X?+|^M^7(F^<=1.F4^FU>X|^3YC.ZW>B^9% 3GGA0| (KR|HN.%P M|W+0M4^J@B9AA+.^&J\$E=|^|CBZKEUE|H94 W> MTV1>Y.N.4D|^1|BFV@D2@U.1%|^1>4%&IN^4%^D A@D2_6O\$^M+R? ^S97HW@M7Q2L^W^D^&M|L.AHG.V.URH2SD3|^J|O|E.L^M#>|^H8MT2|HZVF+MEY75PG2\$ +J@M+3 |H|^2|LVMB| HQ.^5WUNER8V< M+&YU^J.SCEF#%G74QO\$|DSX|QWO^H/^OGD C7^IP7 9%:H (|^<.<9+P|^#.? M#V|W3N^Z#^?|^1|96)=^P&B>AQ38P|^B|P>>|^5#7|D.SEK.L^C GMH.W#@P M7V<5\$>^FP6.QQ|BXN7L4^|887CPM(|E|P|^N2.H)|3|^YD|O|6 HA.@R44Y6 ^U ^SSQ&R|RZT|D2UR|W|^M|^I M0^>|^7L^UC^D|=|^I6E45(K^OE^8EY1 84A4E0(M|DZ)R|^Z.^3OB^H8^M^E|RAO|(REKA\$ D^N|L\$Y|^|L.O^=5W#\$J5M100%U^KW.NCKGCPV.CV 30|TO> MTZGU0^..%J|L|^|=^44QC?>D|LMAVONL.VHX|^W|UXSE|ICK6>|^=Z.NN6PY88V3 MC^* 2T2NKW.B^|M|H|^V8L186|9R.E^*26(U8RL2#@^T^GN? Q\$IX.48^" M.+U|^&|^@<^X0RK1|^|^J2PQ\$@8..&OAX\$ 1S7D5.PM|^P|D|CNH^X\$|^79EFE^&U^..XDOW^\$E M>^>|^N.616=C%|D7L^Z25A0Q^Z6NC&1^X|^|H|^TO15^6^ZHP+@&D^MB|^+A.S9|CV|^L=86D MEGW:1#|^X|^<8>5|1)U^B) M&XH |X5O^O|1959P#|^4T|^F|FHL<13+K|^P|^CBH|^S&D3?>^Y@.. "BG.=H|HT4P=Y14 MP^BM+N.O.T31=^60PD JE VP^0R|^7U L#7|9O5\$|^1F">).4E.7&^Y6BF MY&|O(^YF^6>R|W(NUGY^OST|79W=^K^*SO|^|^G.OX^EGG\$|^O|^+&5M|PP M|Q=|^5RBZ.OPE/^HM A3>>2^VC(NXAT |P8|CC.X.B20|3&TC|QD1A|RW|^M|U M|VX^X<2 W2X.=B|L^F Q^T|^5.E.7>0\$V L4^R2B@^#A.9 26.1>Z|P&T2Y M^9^<A|^G T|^6H\$G|ZB+Q&|^1 99|)3%<C\$Y^TX.7N.^ W<7M2#^0R^N? M M2E.TOF|^6.6.RYO31<7K|6%)B|Y|^L1|^|K^W@<5PS|^P2/^A^OKJ^>2\$&=M3Z2|^0L4|8|W QY@<9|Y52|A3T|^O|H&M&=X1<=<=<^H/^|2|^M^P2@|^1|^7X>W5R|C|^V1|^ M|E&A0Y@E|K@63|^S^U^H6A7U^U|N|H5 UT7O.G|+5&@4L L948>BKHPB^<^@K^17| M|K|W7.8X F#LMAX&^M.^T^Q UTC=9|@FND|H2O2(MA|B|J|K \$< 3\$% MUT^&XHE.=O^M>@<O\$P.U@N^<GVD667N BT5%(^+B\$N^<(^.|D2RQ|D2) M16H|^=U38&EVD5.B44\$SHO0.^T^DU|^I+>5G|H4|PB?7^91 M^*&AH42QK|^MYTL^HCO?>XG \$Y>N^>|^ BK\$|^QYF^B5^<F1O%<S|V^38.^RGZ^<|^126NK|L|MBEPG|G^X^E\$1 29W2X2V^KF|L.R99A^J% 8=BOZMXK1O|OXID7|^ML|^H|B|E3|C">^F^BPI. (\$R@|^Z0EROM%&B \$B4LZ|^J<4U\$|^T.P0^DLO|^J+|^L MNA4T|K=1.J3BDP2M2<+26^D D|^>C2\$R^803B6=.R.5C^220?|O^0N|^N3P^8Q M^2Q1.^8%TF<3V|6+&@&3G^N>R0V|V^*ZGD2ET5<@|^>^>I^V^AE&^O|^1 91.*MR|A:A^A^1O8!|^@|^2|H|5|QJM?S7V8&=U2 |R^V|H0|^H\$%<8V%8\$<^M.<?7RNI|5.2#?</p></div>
</p>
</div>

O/2I'I'OIPSTKLW[II:77'L102&T'EG+&J]Y(0XT:SD5<S2 MMDMLA AR:2.G/1/13EHM0GTJ1P\$JHJAM'''^T:IF3Z1:8<("AMC O)!<-, MU:.*MH~I9(SXE#H+!\$B\$ZL1*M8,GJOYQ9B Z+ NT^K(G>W MESO%JG*O2 N)>NNA*S2;YOB1=I+G+&F&M D3K>+&VNYL:OFP5BL2P3? MU6.\$F-8F ?(F<(&>L7B- NJ3\$1-0T1-2->I0DM)/\$/*)YAV=^!^HO-0 P-.Pl.G3.JNR-2*.*9G=1\$XO/1?1 M\$+XEC5N:>EBNIGQ&GN9 ND1)%5YU70B4I+> Q4J@<^> MH2QBQYR=-6\$%I9%\$ST92-. JA>CY:1%1^EFT%><SR'VW32QMZ\$\$.4(?..##F/3+HD M1B1FR''%&+TJN^>#9W.>OL0-16W\$<U'I'9.V=-.G3I>7 M.F2%?1\$8YFI*AC8\$*S8BGAJB.9YOT(^2Y+!SF4.X6I\$>B6M(\$KK\$35TIV 4M5\$BAG1+&.6.\$WULH=E!>2 <->A3W2*P9 M8X3T41ZGRF5>AQJ.SH.D0-?#N~5B\$27I-:FJ3COU2.S366VDA70A1Z L2 M@Y1I'Z'V VYXI#S64GN116 I>O 2S5VTI4.6D\$K(MKKEFY^4^PO2C/>(*A28-M>W*YI5A7I(4*4VW2^\$555OX9I#E\$0 G.BI'\$.<\$8B8.Y&#RFD-%L(S#3;- MG'(L-)8&*LD3*.\$00J(*4U7 6@:OSN\$!'EJ@N?1?7FA0\$(6*("H^B-\$>I9 M1*.)82A3".TZ&EJG/IW2=XYMEF:-"I7:K1XBG)~P\$VH0<1G12W618:BE=M:L-L=4%D+*JQQ- I-BD705A4ILSF>1\$55B304368^157E/!/<I9Y9J1B)Z M"2=KC.IGE^&+<=I6%0D SJD.R.(I.8LL:B*7ZG8BG2.(*)#N@T7R"8ML7?AS MO!V%W.G-K0?>.OPX.RY.H6 M33F1H<66~18.O0-3*""(ISTYIAE3F?C5=A0*~G6G5LP%=MRIB\$2\$&<<^G(MC7=221T\$EY@Z.OK0BN 1A'X6#7I\1T+G68T7K^@JHD5<*U<0J2GHH.4=J0)T\$4Q\$ IURP44M=B0\$&16I!>?O#^30(N4\$T M#Y&#JY(^1)%&(J=^O)K*YF%1Y<= %Q99DJH: I.#G1'0\$S:~!^/XO\$WO M#W@9B<@RD=VC.%XR(ZF" @#2T.6A\$1:82U@Q0 F^H W-N@:~.1.IV=HDTUACB=M%R/V.Y.9EHJ.N? @HURH7.F.5R>CVYJ>0@B\$H#1E0*QJ1MUJN+TU@U1'T M'+9.6+VU9I!)J KUFET+K8EB6\$8I2\$&XBOQJ!2%0X1%=-BM8?ZGEDIBFU ML-6DI6A&RHE/SH.)H^RZ)KJBZ8KLJ&PB\$S*B7-=Y3O@LJ17V:51A%JB@&..%78>SDFMMAT3SUY\$0KAMFZ(I9)W1@6G"^~M.YPU1 <9QHB40 F4U'IZ<^R@0AT'I^B+I.LOR MD3G>RX=*W.UVO.S6MLPN>YVJ2X\$F A=GGD@%I5B10I0?UW^DO-;HDB1TH M0EYD0 L+NWMS&73IKWB*B3* KB/CG'IX+BJIR^5DL.M2\$OW\$7UB.B52TX ML47@ C% 4P N1C1=) \$>->2X2S1YFMXMM*41!GG.ZH?HFDP>TH9C&..TIA M\$F&19!MPE.*K1+!'^7C90ZL6(DR1ZZL6[~GPS8Y1(N\$C655.%&="OALT: M@%@C%BF?T@3S08I@5*5:4VOFNI?U*.%^X!:@IT(4=&*M'U)T J12F(D+GZ!!X'XLH)8XW'R)%.:@N-GI'IN>@+~I)7XW*H62/<+~1: MR1<@>JPK.&I+85I\$K!>9Uf8?0Q1L4A8R@6N=^~I'=DAVZ\$Y+ CLX&PLIE+I% M@V-IG@S1@YVUG#ROI128LW. LQ("S@%)>.P&3%3)O&H12VY%5.44F .!C M&X.PHNWT'B%O.EWJY+Q1(Q!G.A"EZI72E-6+~O) %==I0I(\$>Y S7I\$ES@ M>ZC^H=BIUQJ&U+LAY\$==>?GJHLD ^W>{.VMSU#2S1G2<7Y/I12DA<3BV7 MQ\$<^J'.5!AV @0P84P2A4W>3&%>YCRH".@:~B*@Y? \$'Ih\$=DJ#4?)"R5^ES[* M7>LODPXV165:YVW\$>27V.S9.1WV\$T044A WHD2YI^I2:0F>C18/DD4!"Z MJ>6*18#+G(#@L1"71B-0- Q5!N@R=.OSE"81D#P+~*B!!GZ=^&~1O?VYL M..28"MIHBUM<1%105)EK#U8Z J'3J/IJ?W"Y1WC?%*K9@-!EARVO1EO?F M-N8MKWOO.RI&YC>I'!SK.ZH?I'ZNR8T<7%ZI8S29>0.Q IZ-.BV'LWU5P9Q3@ M J7HJ=IYU2-BIGH44RYQ3?1%#1=1/08 G\$;A%B9D8EYZK1K33SJ4IW? T/4@8F@A00\$KAEU'4KR..G%PM MY5Z"E<8AS%D&7OJ?I2>~.H+ W)MYF/%F3T.YO%*%MII %6LMZ/L1(K6O)!#G M)NRRK;JK(22T4I.E2DY\$*L.R>8@53WAK5ST.GVP2F172X(LI0)"\$M20N!Y" M2>"KK#2JML0IMSLD.\$1)<~Ih&FAI0-SW2QIX4O!2FQ\$51-O?YIN01->~TY M-N1VR<W?75^IOVOG53OHLISO.QOZOR6<~)IWY4?7'6UT@~#94W6?~PI0&+7 M*\$/RAM^6=UR=X/HRZP6X.MV7NJOXO^~#7:>1KF.D:Y.H"~*OQ*4B7G"O1Y MHL2D0)53010%Q.O.S.Z-9D4@K2CPWJ67CM SM#77414?9*2#MA@~#6GL>^ID MM6X6X\$W1^ VWJEL3UUD7Q.C:E6#8+3 BZM1HE5N#(8UXJ)^<~.2WCWH#U=W7 7K MFS^N!AIP!C+ BOE(N*7F""@SJ'=M.3SXM"IPH5YVCMICY11=3<555S13V M*~J1I42W.C^~+D12EISM;JB HG9UWC\$ZC.9CIUZ*K.2- S0FD?I!N M.G1#90>YF"GYR/X!OKL3M"*P!M!@L1UCF)JZ!">~M4K! #Y8UZXN"A'GJ4 M2*9N(*7Q-ZI0@D6\$57D5X9LM.HQ@IMMH1%8KH+1WVTJMS+!!<~!\$TXX+64 M4WJ).X(I^M0+6/+G%U.WZ446EE)NM9(GGV&BE..5G8VJM? MTKVO-SB0PE+ D.W+WI-YO M6B6"SLC[35O=,X#XET!C(9#P?W=72US=?=.H7!>WMX-8IJB;+>WG^YUX*G.MNI>~7=)673(U= X.&C&N<."VW&"EF=CY..5 S2SU02FCOOL.#029 BD(+1 M..7^@4D7J4FKX.@C<^+ID8.R/F>DIHUM1J SO"PP9(XSP071XE./PY MFE%#<~.VOCA3Z7\$LP!./OFO7I\$6SC!A3=^~572H0\$T.+^OIR? 3%0YSP M20=^~)Z)@S <*7K/^~.UKO.VON..?M7#8J+~%RV4L-GI! M(=1K+9U..XNJ %23.S&74I~HJB+LQB^KZG>I*~!#L.Z5XN">~"PIE.GG2J#JH=WS4++Z1K3(3>+I)@AO+~A.IY>D M0#ML\$9HG ZH IPOT@GV.6B\$.NSXI? T/7XU/+GSL^<68@X6G?>P2RFI9 M-3 6ZA1W:B@21LKJ*X)2P9V"A.SDHFDVSLZ1J1_3..FLHMF)3'3R)2NAG9 M.I4#%V" IZ\$=C(XF4I0M0 S1S8 ~)QI#9KJ<~.0B^~5E-5>M62I>Z>~M.SKJEMJHG>6!>I25M9I.(O>F>P\$UG?NHLGRF\$YS\$ V2?I2QDXTVEOV. M+~L41%OI&S"JC6CFUC *~:~N=WN8-NX^~6F.SH5N(>7> M-3.X~!JO.RP=VH1RD7YX'R>X6!OY7#~M(I!(<^DC.PZ+<5CDLGRWG.8 M!(*Z12L&3JG#X+~.P>G/I#Y.CI)NEMKO!09=<%E1&""JYS+1JSR0GSF M.KW:+)7I2I9\$93A.(\$50+4J4T&*H&V01F<%.!%.%AW60M\$01IKPJ.S18L M01% (F^90Q%*2L*QIOE@#UJ?@~)1*~D@A^XCFJH'G!H=D.3Q13S:XL@TK+Q><R52"TL%6%T6JIT#+UW#?2DK<~*VH> %5: MY+J+IYI3TN6@~MMPBU..75(5DMEM&OIG9KXKPCZ+1I6.1GNS!WW3X@I#N.&U!H M M!>[NBXF7J)9P6 C#MY X=L'G7I3& PV6QO5E+C#.HU.@I/S 2BOX@?7 MJK&>6>~>L:6B#BV^~% CHC5..8I0ZF1JKD #NLR.9MGYIUZ.W.XOGZ MJR"W&QI9AIMLV.8YF.CKH"=I@K6QNN/UZ!> (=PIS]=%A>>3*UVZ35C7I M1KM I.9LI#WMMW8'M6J&)*BJ.=7N0>Y/I2X)7*JAM M'>HOW#WM-L/IJ5?/ MD !S+~.LUB&Y>9I+79LN=4C\$5K%.LIW#7NK.<^GKU+M.&~>HMM!KD1=NCG29 M@Z.11I^I%ZIVD.M3AZV/ 2*IJ7 %20*JG.F2?Q)E=W#W)7I !=T>S# W=+~MRJM^NOPH'6U@WB!H7:~.~*MA2E>Y"~>=NJKUVU^CW A?IPT6YU?OL!2D M#ER0V-76C?8WBM.M25\$4\$H%944R@APRGD6Z U;J\$RNF?G Z7I.FI3N>4 MJCX(OINMU&F53P4#4VB?~H=TOBTUL(IIV^DIU^ M6)=09P.O5-O.LO(C5I.UJ^OC=S>TfG(MAE/I7Q+1BMJ M/OJXZ?PANL=+BWG57B3N^0N OIBF&7.S.C^1>05EJPD=7F+I#ZE#~+MS1G8>2 M/F+1J?I EFO.H =/F.P\$!'"ASWXO+R1OO P!U^=W5Y=? W^Q<19HVZU)?&25DVDQAR5^D=OZ5%IW\$&+&@1R>~.N*2D/*H2 MU*!<=EG"XJ5JO+JIP K+K6H!>IU?LEO153OI!9N MZ1+.SLZ\$PXZ1MNL.A@+LFI4Z=2.GJCGF+4.5.HS7886W:KD+RIN".G7U MA07!ATR&SM\$HJZ5MFCM1MYV#TJ!W=[1K^I>PX>%.MNI4HA-W+*>9T 5*B<6-I A!US'68/+ 33 MZ/>.(OYDX+>4\$3B302ALWN!1KO?CH9ZIUVOQ?HJP15L*J3NC.&!>N M@+ARGR).%06#?&- I&A@I2>)Y3XQZKB^GN(L5)'&Z7#\$.CPGKH I?~26^DA MVPT+CLQI=O*%58=JW 7R=^5P= %#V/#%2>BR\$^\$0I=XS8OXPUHABIE' M0W-@RC332V3.=1K9+^BY27@!M 9DZ//W*~.88<A.*YUVT.K6.Y# OE@0R<M="J6<@H8G0>I9SL@DI W@K*O3(TG!#M?Y-/T1+^R97=LD7 MJN!~167%10 A/IK+~.PIVSI7W.ORY.Y5LCBL5Z".N212(E)=LV-TVINB M1AR13G2I!+@.C^%&@H%ZI#~&S=(51N? >>[NSI]*E /M=OSYO-B%+YNI M.9^=JM&H!O#*!>WHHNOOF+L.@#~+H.<)<H..Y..\$*~&=WM..R .F=AJ5' MII(O6>~L-3)MN?R=Z16TS.S!EIT+I9 M3R!~I^R?2 67.5!AF.EAI S2\$5X/MILP7.IJG3HS7 M!E* WAIOKB0B)OEBMN>A2QQ +>IJZN+QW=MJNIBX?KVOL=M+NOW^!Q_YT? 7\$~#IGLZ#)=%PT.O\$FKEHB^0 F*2FEPOLL#"~84V \$&)D4A#~J%@MUO QP.SI D0H!AACFK=F45&\$XIAI!9:1 MZ6RN*JE*M\$X) R7.Y\$INV.0SWONR(#CB2."DLOIT +^NW6J!812N*+*YV= MMYI&HWFBIACHONU.HT3*5/4*E IEVI6"O)IT9+~9R-.A8K*Q MKX>6:1>(UC) 7K\$00# MPIOV+~2M&XHJT6OWC@7.2V9I#~+F1KXX8=U.R09V5JH(WL^E^IH>^GSC13 M.#<~*Y//>\$K7."5HM"=\$I!W3<5T.U>?> IVXHVB^NLAC=51E.76:>~UOO M7>~.XLYM=TY.V-8D-0XW.X6*!^X8C!!8!IPRIV&RHMOAPRH^*6I?<M>6^8LOL.U (IEI*OR~) I2P VL.BGCRWI=MMU7.V6CVIRP(193#OMN^NG3 M U~" ZDL13=J^7ZIZUOG*(4T+UVAJXT<I>101SD=H9H!~M.M-O M.3? M2C#FAB.4IRBS.X? 75-9N7/ V"Z<88=P&IG IZ(UDN47218O# KB66YPXX4L>.N'1?NZ#:<~.#^&V+~.JB/F2BE MN41%.5%/%1O^JU26GED*28J3N>H6D46!1/I2?Q I2HO^I1#IZ" T-4Q+(G MG>~IB-7DIZR>SJR-!>U&XQ@/H/E72:6&VD'H+4L.O"ARL G.OQ2+?~M1J.2"VSM:V@I8/3'%MYI RSU3&: I7'83K.DRS.Y@DB/>?% Z~!+6#~FOVC-K"(P.A/ 6ODJ^H+~+U.0 M9A3O19OG8?C&.R+0IKI\$W.9.SG.JV3I)~@IGX%G8SVU1=^5DB\$ MP2^AVI^NIP"~(D%\$SPV0@SD16N1^&ZYNO7TY+ C^J%F29ZMM=8 MZVA%@@V^O&(*\$IBGIXO>LPX9-00H5YJWMJHO.U(UW0)*\$@ FG@ &5*T&M^DC0 ILVU5.NW7IE"=+V)\$&.D&L."3C.M(\$&#>DK.2RI!#S%IX=ULL\$Z~29PQ86%19K07 YP-=8YULU>I.%\$O\$QI&U1 M4H+Z-O\$'L KT/^~^5!^9DTO _B82O5JC4&9.PT.S\$*MA4!M.W\$7C8 MQWG!4XC#6'NGWA"~\$ Y4P.N.4^3VC GI#2(M.AY\$)LAF#1.XSA5Z=I4@C M? @S#P<8I^D3"PY\$S4\$VR&S C^O PSQ>~HCQKUS!W!O!O9.LJ&+A1H0 MS9/H3XMB5^<D064^FFXTQZ14TZJB>9Y03M\$HFAZ ?L +IS1U3 G!@P @?4Y# /L(I#M/I .^2E?X=C2H>KNX! M 1N(Z0 *H7IUGI^OOR?)Z2?DRV=JTL2TNL.#=X.I.Z 7YW8T#I15O.HK:5 M+&R IZNGFDI^G7#M 9IUNQO&O@CR=B2~.OJCG&Y%?TU2?H&2OEMF! M.J%<+O*^@KS^SB3UTV\$5\$!@IM L H5I37(I9-0C6LIH#O%NH?C1 N M1)%=4*6K6Z(I F'7PJOV^F^C^PM)HPEPU.WT>~#RMGIT42LHOFU10 M.JO/HI..SX5C+YRMFZ15G5".H5=H G98OGG@8XLR Y7 *7(110>P#22 MH1=LFK*.THI353.IV&XTM65W.HFJGIC4ZG99@9KDVDP%5N.*O.D+KC2 M*XU&\$ 9T\$599~25K+P.3Y@2W+~T5F4QUT#(XD+U'ZG<I=~# Z(S7R09W\$D M- WYO-ER80N=>O'1I%..9!OA^\$ 8-73#W@ZK HJRN5038I@&ZM-1 ZFPV.MSD^@&KO0W OE<~LXW&HB^M3NFISO7- %6PX(OBVR+~%\$YV I2V14RAIB&>%7 MS&8Q*EIH#HJ?G"~2+3.L%:48H%E9D>?V M=8U69 /UMT3HVO~'4F MA?Z<~Iv9>>DHIS? RMOK<8H1I07JMY#MN^=G7>.@.E#C#R35Z5LGO7/SIM MHYO!05JIRZ27@C156^JZU"~HJ.OGS8 ?6~& SRRJ>IW+~*AD8~6@UN+4O MZL\$Y? @IK&G0/YO!~JE).Y?2+AJCZG+60HNI/ZANP@UD^1I&V7H."I. M6Q0@Q2^9F.J6MC?M!B%U2%6.BN!L VISOC)LUX6;.EC!>J33&?E)>%ED2V M2RI (<)>J>S.LU7\$M5IGYXUZ=UE'IXON!&Y0/I.<=X!)JS/YE+Y;I\$A>46I65T.=L'8MXI.(#FIWE.BM=E"7BMM M12T!@=I?2 I747 N!@W.X.OBB^FS- M@~I0<~#526)5923O.UO%I10/2VCI=VD%\$!#I~!HBSP+WJPPR(U84&#H MI#1TL16Y?% P0I8+5*E88#L.EGUP^E"H#K4.E4!E%P#H+^~ @~I MJTDLBK M3@V!QO*NBH!8RI70JN2W00P3=HJHOX206XLZ13^W169.NW1!68PO.XL&M.^XF=A0H1^GIC.UOTIOA"~.BNJ=H*#I8".=EO& IKA!PA&Z2G/\$\$*H#MK>% M> WRZ(TW/I'~^W-DKSO=V(XI).2HWI(SI)9F!W&RX:WHO+O.#B3W3)*<MH4L0~!~ I~3D1&ZCY VE/R0"WAI!NO/9&3D?+YIA> @JMIVV5L2 M0=B<6Q3WR0S=U2ZIH9^X54I)*BFGS+L /J6+G5L.Y&#>6\$VK %A0117& M!O!J^HBB<6.O@~I7C^B8M'5+&.P0X&2B \$P1?^7Y I=I=I~IPIVAVUP!MO!H\$B1RS&46)=#HC+~CIC<20+0\$G>9^=XZ/ZE% <~Q4HDI0ATY&Y M\$M.23TXM:IX&01&R).#LF0Y OQOYR7I2.UYB?^A.UOON=EN=VJS\$H=H>TX.TACKRH MN04?GM0E RL\$?<~%9YV/N4 JUN22Z7EN#1B#JS\$% L MV4-IFK89(W5D#~22I.6.T.PFI316.KPI+SWEP.B6U/6^V=ML&I^I)0:~L.W.R+ K/PI#^<^BQMJS5SS%.H3=S\$9=I?? M3.1%Z^S!^H@Z19O4F\$9?7*A K@=H\$APUR I.Z.%1%1%4@QW3+WH#P^F!O#M#4?F9F .2S+IWIY6*BI/\$X^~.YGY^~ 2IS/ J@QI(9H=C^ G8-O#B96 K=^IL MS=C8.C2C&2O7G&4I)2P-VXTMIE. IEEHK'GU\$8=^~ M0XE!!24F(FLVF4%8V/O:~BMS@Z!UPZG)5*O4D=8#7 LL84E60UR^&LF\$>TV M#A& V.B2+K=+~4I@G9.'4'3.H*.IXZ@5>U!>>H(FDZ7FZ6.H!@T: U^3>I+ MJAVR+^@N.X)22@.WJHD6 V6CM(D51I))YV9#IZO&MO/IL>C&C^NH%G'2YH<9FHH=U5.4\$)0?I+I!WT^T M%YN /I(3.PW\$99BUU RM'O%O!U"~JIG/I.T'J-!J).5H99/\$R\$KOZ9 M.26V<&9^XM0+L^L^+~.YF6VMYM&IU<^K.3.R=LML@.WXRW8R^G8'-5J- M@@PY.OEW\$ESM(KCE/AR.2#IB07.D.=P.\$<@6BAIX M.BU<I2R'~).!h\$P^<~%L&=6%\$M\$T4PTP^CN2I" AHP O\$S M\$%+Q (F&=X1.P 17 /I7 L6KISUM9I0)#I0&=F?G MG^TP1AH!G!~.13D .3.VIHWIBXN.SB?IVAIVO9U*09I# M!^FW\$FL7"=I'XZ2\$Y!~R!~:8/T! M ^DMKCHW2+EQUBL=^I12I3*U8O\$ZVCW>@9S7.Y^F2D.=7&BVY'T6U~. MG@D7V6IYB+DG+I!FQ>4GBXI5'L J7\$KCY^&IC(>D..?~7JD3.IHIZ!^PM: M2C.Z6APE>I#DQ.FV+@>R=T!HB1!&F EYHONDCWUONO...#BXD>\$&H\$EXM M4PIE~L.JI:2%CI2>(7I>1I22& 2WI@ UCD@NRF\$WIK/29FHI/+N.3.SCV7 MI6<~.~*I.3E!B=.\$C?236R0BKHMH@CN.JP7U.!~*1OKC.XDU!E.*9DJ MO'L=V*UK@6@W=I IJGJIR)2I9>=>G/ EAVHPF=98IE.1EFZ/7.@Z1#\$K>DJHAV/ M5VB^&M=8J M?FJ>4H=8).W>J Y'(241D+IZO9JG/GCA"AJ/LI6 X@>%8 MH &A

1:VW\$9RL,"X,K14Y=,;[M"]>81LZ:NK(X2.F4U"@/# 1:UA'F6N'W'WK5MAS5?D[< M)< 14F,Z&:HOJSE^M*\$C'H\$UG!#\$A!F" 1KP2=0YA<^((55CDP&LPX0H(E=J#C M:9P2@7GWTK@K9 0%<[(\$ET>A3N'W!SHR~V12B@P320JYD'YXIOSO!<L 5P6^F']%D&XGMV=HG1AB03M< @0CVOSC<^"1F74HE MW3&9!<2..D74YCDG^8YA4E.89+@ATG.SK Y'MXIL15H.5JYYO\$JHT'LMM%NFD:KLPP(5QB9J<=\$[AZ&T\$T@=-,=HF*1.2L+ M@7H(MCGV1+>R>+322 K.GL5UWUKSDD:/9I0V&:2U@6P01+>+<9%#>4W:9H*+D MW3+1L1V576IMU2K60U!E@BZ^>T>KECWKE MC(^(.88 &H=A6!<=ESVQCW6!<=&G/D%>2N1M!H!&VGJ1D1W:&f0.LY=2H\$YQIX% MO:=->A>HJLXF:Q:72:%2H..!0L3"ZW*")8 R5DIAS.SQ3WXYJMNMI(FXIU2WE MJ/ (-?N07^XN0NJA4IXEIN+FOQ30Q FKMZ20QO&26ZPD=CY280/3M@V=V M.W1W\$X:Z3.R:E)=7*IKM79V0+/PVA:22 M#>#4R4ROC1+\$K=-!<U5^7DK)? WXW/HO PH&J5=LA9.G*K&KMHAAY=YS&.#1MFT9W<130MR='U5J?1=8=-F:J>H2=I<186W>I/I@QQMIM\$>:ZCGY.7.*=N MGYPNJ!W=^X.%IX.'\$WAP54%R3^#1:Z72Y60(UM A@- 5JP0.OSS6MOP." M/%S??+ Z1+Z130?K!\$:@GC37A>!)N:~+R",GVQ#16V\$5IH' M/ %T\$17%&D>1"NJ1P8G0N!&BSV3V2?54=W.\$#X*FR<ZF6*8.6195Z=QJC+55<@QV_ OPH5+IY .NU > M5!\$YOG ^NEZ&9WU7?HTIAG? !W-^EC&KK)R2#6#M>H0AK/CMK/>B5TX H" M2%U2K4H5@AHD>8*T.5!C0.L\$B 8OG0A.?>LIRFW"RUVY%#0OR>EWSLUO M>0V? <Z1 10Q:2Y@U=O% E#OH D3KLK!&F<^ MWT0 60BS>9V4IK!&@<L.T\$&4.9W=5ELLAWL!) \$7U%+ 1@NU5+1@1 J1M751=E&\$ IMH!5IC4.R&*&XT2=1K. ^S!..WOTYY:2W1L=YW:*25R*A9F(U MUI6N0:MX/QS \$:X& 3'8O!&M1 R00!%LO4.C0KH M:~(LU3(E9XNL6VJ1+>0ZG9XI WS &=#2P19&CNO92/D4VP*NO2!5#.9J1W M4IXMOJ&67EL'FS7GIZWD^Y#&Q(CA<^D2S)=@F\$2!#> @N+K AQQOY0PH(H M&A&A1+P0>IQM&R7C3@* (77.7T!9V)?&R&<2Q^?%#62BPPI:(6.&60M!O"0& M8J!L5 9CA*88JYYQ "ANMRX^KVOVR10&_O 3_@+>#1X1!>@P3FEJ!T!6 MK6A2K1 V=# !5+SC>V3>^C9X8&INB*Y!%&V1J L'^&H.2JSK7QX^U0U1 MAF^AS80=01ODICO@?..Q.N9CQ!HX.QNO.C.#R.V#&E/8\$5P1# !JH%=\$ M&UM#A\$1ZY9^V8.E!@DOO.#"A! <!(@VT 0!N#1!<B"GGMCI"2E\$ MZ\$#1A=^LTB)ZV'G3RN!<88IQ98+BAR1Z'EZKZ 7B4L0*4MM.BVM!UX(F) M8N%3.KH!K.%P1072!4P2=^!^X\$B!>^LPF1N>V5IHJ2=0+M=A16T<071 M5 1'5#0/N'1 F+L!(!J !@<^ZLA T(DSRWTE.MJX.NGL.DU1.D04(!& M5VL**7!H3/X@<41AK4SUR8!S!< 57SHSUV.5!23E HJ3>GVX?<K WR M=UUYBI9(+4K)MT9WS#18@ATB>A(ABD)U:75+3 J5>=>U>K:* !H00?&)(1N&56U.T!#V0XX M!!%VY,(!> P2S+@.72 +MCGYZ9I&OU.KE93>RS@W3G!MP.MV9K@8!U&SVC M6UTT1V!A .!7UT""C" ON#/&6TB@? K4P 8RN8J 3!>T6T!0S:(4 VP+Z(C M54"VMR#6X.RI Z+<fZ.#AVR6!5A O!C+A3EQ!N"O9^E\$ZX+9J O@>J0. MOJH!&!D0IHX",=GLS' W^E!T^U.L4C7YR!W!R:H>@UMK9@XY#GUL9NV.M:73.2=-X=P P4/LU%PKRK!6V7FWVS+*4V6=I+<(*(!8P19J(B9KGRW- MIVKWR.&3> !f/CG3&J>D.L.P4\$5. RH8A>VQ@0!W!6" H" !DISDA.%8 L M>B<@BS0@B!8JR**!& TG(MTNA PKD\$7Q>I0=>V.NG'WVO.E.AOK3#B>7H<1M&"TM* W# !/=J4J'BCJZ>KSU=T=\$/KNZH^KF^!OIP%A&FTO@H""%ZZZD:P6 MBTP7&#H970Q\$#1F/B!S^EPI3K+H*L>H5%+V? M/P.VZ'5- W""^+R VNI<@<K%P.R6!LCP7GE/QVAUZOXTX\$Z7QY5Y&^64WIS!<0F M.A0!@<1<#?T.A2S 40Z8Z0*0'1K^UG.>I.X>6DL=FSLSVS8)4EN. YPISQ_& M=93!R2&L. L+H6@U.V7F\$U@>H>C6=IU79@<@R\$5=UAPZW!L.M.K27FD!6!D?Z.X2F4.EQ/90!V@< ZU?Y7M#3&1P42X",&R MP>"SQ=F#.*&84A7!2?)KZ B.A0H@**3!C?(!#IGKR7<@DR%6RVX&#?2*4% H M6?1DX T?BSTL!X E9=J GAY"&\$C.*H.\$!9IS M\$3(Q? Y>9AK459%50(!O5UJ7QCL&5. &5<0 4&JLZW3VH&C.16JFO2N=95W MJ=-4"& X"JS:0 M7T!F!#7#5!(%L%JY>PBHT4T7HD69JK2Y6W"YA> <^K2S5.37\$SCOU? UO M!@<^JW076RZ*^!"/IG%=92SP.M527+NF.<C.5>JDMV%RVSW2!@B) \$L AJ#&f6 M!W!%!PSIDMMFKAC(8GI?0=*\$&4M6=883V H6^Q<K5N\$GZ> 4L.R4A9\$T2?0? M.X@QW!6@C6#M!BB 5!7D4URU@<1\$5ZJEL6<3@<1P>Q0G&7(RW%A!%S. M5M&MA.F.NALE^YH@8N07!N!H/K &RCP+ B<\$R!\$6KOT4?+P5+ ^PEG83XG=N""W(f P.V M" @!G!TB!4SM%".#XC6!P!MD56WAU<4U M4SZ1SUXS.OJ"?X>J'DZDOB\$Z0." M G&.*S@?BY3O.Y<&ZJR72.FTL.G.D.KD=Y2\$.2=7!S! M'0.59G(4GN5R 6PI@ " 21K'75:>Z).!f5!5!4Q.A33!MD\$>U!9.9OLID^ MG- ^USDDH!@>J=>8XR.NN904!MMN.S6FYOO)X>3Z@R\$Y@< M.W8Y\$S\$H7(X)&+PY! VB&\$&72PH/2?B3Z&L1!><0D7LSJ5HP?3/U#QXVW!X: M.BG3D2H!"*ZYI7H.KS.*H**U>H!P L"XA5EV9J/R<5KOGF%).%2!IDG2N4.M.X!E9P..UM.P(VWM2S0.EN>QC.V5MYL2S.F94" <4<.&X7/N.F.O>@R!W6.MA.EW!H!N%<1+82>T5SG6OWZ@=>+!0=EOY4:~O+ 3J&V?Y9?OWYRWJJSRKS0 M<JZW.X.H": (H.+LZDI&M?M!G!A>VAVN(5H)<7FBA.JF!LBN.HT!HW.C.MME\$!Q3G5.63?WEOMZ37NB*P1<1V2R7.2G%<L>+W5+Y!XZR7)ST67L^\$+ MCHNI&"ERC..6*>2%MT0.0U>ZJ>6V!SKPE!H6!U!MWC1HJ!&RTW?>P"" W41%G8YUL<.>Y>E=4 M!&E!K?X9KVBUS.@>2X0U=OO9OLX? ^F4%F6XOA+&?L HS 8'*X 4\$L+X&JW MK0JCGP&P\$ICW=?L&(WNMB'0.0=>[U#W.L.H(TW%SR.?%9ODM3!RY ("&1 M3DG7V UJ@<0LO .!LGKAC9".HMVG!6P!H!"*KX(BETW2N!3 UQ@8.3 QE& M2O!5U&!)7Z.VW!F!S)EWA!6!3X 0W8BYA"XSCIGNH!%)380LG<J>2) %Z2X=J8" MJM!AH" J.)#68.1JZC!0523!4X>+>+K<5+3#0(EX.> @C6<+3P.NNW0>+((G MPAWISD8PFZ<+Q+6B8S5JCYB!N.NW=MAWH"6"TR N!BYN!O0OOUODN.S">P0L."UIK0L8+!MML1%STK!) M OYL7<4O.+ <0<^QJL\$!P(+!6\$(RW 5@PE!\$R.M#IQ*^N2*(STF=>B!!O!%HG M9J!&KFP DH0#E@8H!AP4#\$Z.3TH>T/YU/D OSLWCQ\$KFF"\$ L3)*7D>PZ0 M4#P.690Q!<X3%XS7*T M2Q?3 P%FIJX F@<^IWH!>0 C!\$&+15+	N0"5!".!SX#!.L&K&ZC 4&"LVIX!0U0N*0S2)B2U6EA..W? \$!0@V !RRIS!602SCL M./OC<3YKDL<2QW4!T\$!A+6HEK/!6K3%M= #T:~!&6HX M^<\$.SGFH!M<5%G/M>HBD.@FF1P_BCF+6&&98URH.XO@= EL\$C@X18@!^HBF+L!MDOUZ3Z!L.V!M"=P..8 GRT8%HX).\$ C!@6B'0M'M0>PEJ^J% 3Q=YE (YX* Z&QC98VRBXM< ^=-O?2*Y!R(B0K8AQ6\$GXT^ MOHKG O@>M""SQ

M/9IO9INU2*PIS : X3M9S7"OL< MEQO Y7.CFPS+MBOCS(JIV.1V:#H60DNL8C WL0V!C86YJ4! M8F+@ U*=-E.0!%LGD'T.X +@ M.)GWYAI!>7X8!>!=#/.(9F.5:57/Q!SY'X=H.O.T'RF>VJ68OTRO5)0B5 M2<IM4XI!C5145CRZMCGZU!@3F7I4K6C.SQ\$@%U35.%&<I4P M_@:5@LLXIOB>!OMW3YBWV70&O.1J3I<1+H0>ZKOWSVUC 2T2F@ MGD*IU.\$@^HHB(SIHUXPSJC@&@.U!H4U%# M9ME4I!@5AD)+90 L!A.5N7I M.YY IO7^M1^U YTKO A2!9G3E\$ANRDHMY>18Y0JN+DGC66^FHJG1!1Z MGJO5Z*ZE 2Q#B HP/SJW!> >GII^VF*!SQ<OZ^./OLW^DSX? >YU.T^<=? MZ&#L!H4VGOE\$.CWB!WT^<^Z*!SLKO@>3JEW!3YVD.5&=<QV75P.3# OOB4?I M NM5J9O.1*RK4?U!H.!&A3*TIY)=YA%"8 E8!H1XE!>@4 YE> MF^T!L^<3Q3?2= E 8!W5!G!&O(!J06!5Y7YX.#^/L!U4ZP!C!&L\$3^UEZSWB MECO>" O/6+*Z9SCQQ%CI# MX@-\$7&C^3=ID+JS65AV R.7WT*PG.14 2"W7 M*D&GY4ACC)\$&Y9G\$HO(V%+N<^U1O*V*H"J%/(NY ML6.QSY.7MAR+? 8!%L>"D.=1\$).3GNI VV=5!//#V <@MDM%MB&JK8.7.22V<.:MS4>N.J%J2I7!>B9V?&XXG6.2Z.R!H5F!P!#1%BP4PMMEK.JW!!BOQ-AM\$72 : MSP.RTI@3FGZ!R8?+UB/LJ!>.:P6<=K O!JH8^+>?I2TB\$DG1Z9V!JT=>@J=J!RY9!5&SVEF M.YQIN-EJGA=VW8!8L3?>9?? HLCO@=>N&3EWO.O=7#NW!BM/E!O7=>Z7<> MKLE=+ M1E!FTKOTKYP!>Z#O!^NXH>V7&V7.352.B5 1.C=>.:!H98W0!>=& MZ'O>VQ8# W8#YWI)%YVWY#(<= M).&(<9J&V.*4S>MNI>L4GO.1\$O.9C18J\$WO'.TY3.=L.L!G1+!8W%U.U MB.:0\$AMSR.QUZO?> M A8#N.K.1%.1H@<KTL&J!(<J!E4VJZ6LW!GQI3) M1CUC#.#.7JT50V!D>@%>V6 #!2^+SH!5&N5.YK+TBC.& 6J#8!>P9!DEG4! MPJ8 A!>&OG8UM>+T295<R.6.BZ3UO!J!&7=>J14=*#IA.CE@G>22V.D.M).D%JC98*!W12AKI%&FJMIJ%FH!/(A!GIM7@P* M.Y* (6CDBHO%.:Q%1LS78)R!J2\$1I8Y>E"">N#1L#0VID?U/S*&J5^4+2E?@ M^? V\$Z @Y5QB9O^QL'78A C+VYY18'HY'82R^&@J!M1J.6+DYZ?87- 4)E\$<^B.L!%.SOH(SO\$8XE J3E\$H M!R(A.XV3.N9OZ?YIR!<7O<.&.&D12Q@*812GVCU@VLJGX6.7ES.G&X208 M.1W=X)!D\$9MKXF*QEOHLLJ.\$4E!A/5U!@T!M^<.:L!U. O0J!S.BKB MG ?Y?L+2JY^7750H.***Z\$C"^(A!&38=<^U3!9?G!C?P1OC<#">N9.-(M8 NU/KCQ06DRM4^F+&!(8823B&GR\$.<^%>H<0 LZ+M.CB.RAKL\$!#FOWOZGU M.AJFFP37^JAS>O+K.O.1!)1DLD-> M#Q RIUTX.F!01&B+. BW7=XJ!.CWRO4CZ.N97!XWZVE2!U?2!F?>GGHS3 -(M74EP.,2."M7W5%OYE.O&K2YTEWBIV^T?W09KS:JE8D!HW!>3O+KX!ZYG&X8 MW&=<U CA.1=TOF+<1AWO=.\$!C WP?2F*8LP%9C@+U8UD4JA N55.NZ.C.PU9F.X8 =F=9KD2L74BA M=0PIE(44L!>OPG!&RXZQA&<32UC *G=D8IUE0%BO^<^! GIU O1=P*.WD2."UMMTTX*SW& HBV>+OQ4R!9/9*FAI4?>#J916+JQ=>+WB !W&1>@!OGW5NS.A51G M0!EX.10QM+Z?>QQ JX.BH!%L8.II!<+5#(8EUO%.W!\$!X!XFY+&@<60Q'GC.XO.V%UT C M.O.QO.AODJ=I.TOO!0N.7LO8F>(>5XH4>2E.JW.@4.EH?17Z2653.U0FB!9Z MM!<TUT!)*ESU\$@.WPHTH8.7OZB?P2Y65^N+M.D@UC!&GDVJ=--4RG+6PAA M.(LDC!^J=-6C8!\$G!<^\$!7TNS@0DQ="!\$>2!E!_#% M!J !9625!N!JZVVDZ!0OW!JDO952X4N.8GO (!0?DBZ.#OD MCV!\$N!&LZ776^!6A!10.6<^*!=^C)E\$%<?J5D. TKK>4.YWJA.W!<!OEVI> MAD&@T5ZMD<8TDC4 EM!<H.XP+6V<79Q!>+UY.+J!U MKRY.JE^<^C!GZMFZYUO.E>*>F2 N.C#JZ4S"1YKB!7VJ9)?X7/)(5! MN.W(HVD .R#5EZ>09L>0?Z5^Y!QVP8\$@HBSF&(#31UB9+V5QFYI1O.4O^W M.CPH=1YM^V+65. JK!SBCPR 4!7!XB0+ZK2G8!F2Z!Y*Y&Q!W0YSO8@VSBG MK#JUTD+Q>N4!C(G/^?7VQ*33=WG8F.D<9NU//O .JY%>CIM!WM^#.(0P!M^<^!%I OG4)V^O89240@F^IV# +U!BKI^48N<J/!O5!(!^!0I=H9Y7!71 M8AU<6.Y^F^U!K!1%V7>TY!P35<3!2 .YJ=>J8!A4%.H\$9JCHJMAR<.:21N MC+((N&6YX90B? FB28".2.M\$!<^!OLP@<SP8@>(>5>6#JG5.WA6XTPG^!Y!RQ(<=1O+X@&AN.VUC.H M*MM!V!LZ42N83E223M2!J!CNE\$QW2BYP>7. 2UZIHZ3AR!<8<\$P@(<X8!>7 M/.3P=(+WB:@*C> X8LUQ\$!ED@97K&.+!#R>7H! P^K5!F4RG./ M(MWKH!M)@!(SMU RX V\$&C.T? RB+ZUS*UER\$U3(C^K#!HI!L^61"8 N.:28!7P M!J!A U LKEY2.KD#\$<OTL.OGT45 8X=7%1 !WE.#H6#OOKE^I?2.4GO!S!7 MD63!V>E!R2+ 1%2.OZ!5#*K.VIDIR7K<^!<J*QO.GO./L!F67G#2O. MJIR!5MISUC^K Y (O!C).E.5X &7JW\$#P7JWJW0ZJ!>Y+Z^K26.M!N(!M MX!O!<8W" T 9OGME!L.*.592K!/.FWV5FKD.G\$E^8C!670=MKMYK.<==SL MK)5H)0^6V@>.:5<^!D@FYD/2\$>M/2*GM?J92^QH/Q!(&DZKW7?ZS=5#^/3. MHM9JUBUUAUMD3F&T!U8. UN.H"UM)26!V*.1&6.YJ.UC1X2! M#.:236VU7Y2^BN8O6P=VX!8) &PV^ZKV^ZV=G2.*!LHGDUKK!2!RXIPTWA M6+4XS#DUC=)I.WGC.OM.1%BZ3NAD.O.BQ?23P@FG .9JPFGT 14\$5\$S!Z!H@3@1N!78VIZW\$X GF=-!>B?6U!AGK.^ZD".!MN4"4I? M*W%(UFO CA=LTKEH+&K^6QCS'H2A/CGG6#UNDA!<L+J/ 9V!+P\$!(GGS<^4F M.WHVGTGA=^!SCG7L#&Y!<V!2WIMK!<Y5WWM!9!2\$U.28OM.3%Q (N95*=: M5)H25^2!SYA.VH^DEM+:H!FHZFEL1MJN1+361AA.@=H8!\$U?(BY7!ZG/>O ME\$ ZCR24!HLBE.C".6Y(T*AO061=<^N!#8>9840.<5K4(SK30F!UD= !>7. MXJ N/6+&*>6!&E&V(N\$ U.*6AG!<7!UH@H+!W!66!B!TV.NRBTZ20\$HNA@FH MQJO0G7G(X2!U)".<*>#RXCCT\$ H8J!UR DUH> <L=IE@.XBCES.MJ!6.&.1MV(!J3P6U<=<Z/O.C.%>F7M&=&#FD.A*.6Z.4#Z%5.YW!H<QO?73!M- M177.N!3!7.C!D!NMA.6D?RYUHMWN< BAN9Z6WV2.J!F/!(IMWDZ=5FF! M9'SG?+!OI!KV!&8!XU! B78B&RA57Y@N!V>^!LS6.74(Z !B!C!%4XW MHJ!<I7A.%X?)? M.J!J\$> 8AG@Q!H(CYC O>Z% O%".!Z@0K.64W8X*9= M.+BE8.>..QQK56<FVED>+QE= !+!>9 M.O8'M>KX= !Y!FVW=K!M!LIM/V33PY E<9058.JKZCBL FL"KUF MB\$AMSIOO^OLODV\$.<^BYIHK =HMBTMMJZ6.3L -#VO!<3>RM\$8./A2OY* M.:5OS!<DMXK3V!9D.C!<1@<RZIKX8=WA>\$43Y@.EVMJN./7E7V 6<FZ!M@<.:353!>OAK.2%F MUI!> 9K E!WV OW)J"WLK 4L&!/I6K!<^C MM.9UZ1O=Z/L!H!RW.M.U!CE9YEDNB+!N!X!@>X!E\$N!<W>GIV!N!#8L!U?Z. MK2? "X88!<=<33MO?V?7O+=>TR7MA&K RP0.\$N^OBZ!NH(?KIK? L!V!OE!ME.AZDOZ.W46.+B>.>0HTCR&475 M.#T#C.CUG4ZS\$P.U B4^R^N!72H!%>#A1!J9(2Z.X*U!<8UM4 V<^S%\$SU. M!<XGCK7Z!&R8. !UL !^?>* U5J0K!ZV.1V38!2.S*V=4Y.^<DM M9FZ6I60>AN>G=6/3.0S<K9?>J!OG*OO#."KZ..K*#\$. \$\$V%K>LGI!% M&K+P(27%SB>@!> U+&HBI&282+R2R!8R!> 8C7W.+17HN>NYZML06N< MF!HGC6*UW &^SYR@>+!>N46"E.MDN<J!HGRAG3Z\$8! <+YSGZY!6OPAD>+>.:3J=FZEW.A<9!3!>=>W!OI!2X M5L!OSK'A=UG#!<OX?<.<^H!R!<?2 ZG4L@ON^<W!A HRY SJ!>=K F? M3CZ? &J!MV6XXM!<?WYY^<OOE!>SZ?2N!<P B E^>7UIOJ!PR?>!<H?>?>OR>6X LC&H+!D!2# GJ9TCU.18(\$&M.I)(<=<^V)C!3C!<@X.#!<9NDEAEU!O? &.:10.RD.T4^Y^<+WH\$HSGZ(TD MES=Z)M QOQB?T!<I+G RH!P@.5+H2!J!H32 Z.2.9R5/ KP05 2 M&NTS3ZL5 B+Z!<L04 EOMISZ! !064EK @70!Y3.O.P.PNO^!77\$(6#" MG..NTD(JE^6XOKN(N\$RDF8\$ 1P^DW17#)!4N5.:K>6SRC^OX\$% #<2R@ MB#HOFIX!Q25L(47H !7HHC.*!&4>O(<=<J!E!2!D)60*4^2Z!WE=ZU*O MJPX=<")0/MO6E.8!M+<MEH=OOIR^Z.83=I!0%#O64?2K2HW M3!1M.0!#ZXK0U2HJ!1076! (L\$HE4.ULRCJ!XTT!GCA!>CXJ^<+<# \$8VO MUO2*BN#F!H=X3U=LA=H>P/KO2D9930Z!<525 L7N0^P MXO!R7!\$!N!U!<+VL!<L+34>@+O? WTKN!H!&@>.:2!\$0!>K+?2ROU&80S< ME1@UVV2%\$SE%<2=2VGS.TF5!% "H .F9/I8S 7VX.TR3&8D!4+<+5^ MP9!<X2V<="R\$AP!(\$S5SN!HP@?OPSK!U!W"?D!T+Z5: H9\$>.W1@36^VOF" MHQX?&8JDI!<^L@TOD<00W%44?O>0>H"W !CNU!2V415.JBG+Y' (7EOXF.A>D8\$A!<I&9!.\$!>854YT6>1208!>1!<O5T3H&77 M!7FEXM5.T3\$<^<KX!RP !H!<FZ?7"(A5!U3!R!86D4H!<P^<KU%V!VYB<2.3 !LUYVWH\$N !W6<^!JG!<4.Y&.R MJ8<=>9A1)!4 %K4!<E.5@2!<E8 !6A?2DEZ@UM\$BC^Y@.2AV)!&2!4 \$J MRJGDK0 PD>N!#3!M!<^L3&EC*4OY.SZ4D.XH.L!#P!^X!3J9>LFY4W8BBR!>ZTC M 'KVX4TL2+G0*VA C0.6WX)+.1^D^F&FRIPB'5\$CB.0U'8 O90(XWK"+ MR.%9%6C4^C80+H!H!H!AOP\$SSCZ^23K=7R9 (7 @!#<=U!XJ!XEF!<P.VD9 M!#IQMR+U? !G#2Q6=ROD'K! 1O!<^7ZNO6ELM^XO!W5L7E\$E6?>7G3KM.!=F M9 &S !JZ6*RF\$A+&MV!OM&XO6 ML "K\$ B 8S&!K2 O3GM2QW!WSSUDY!H!>@>L4G#QXV!>B."O!T.W #0+KPE.B=U\$Y 1N 2#8(OCDA7.3.2#H@<^ M!H8!N5NDC1NK1D"P.TLJ5 GM".4#M.>49 1JX? \$JYK<6>(KRIK\$>W7\$M&^!5+MSH6A#&.:!>).RK+WZ#8NK @O^!UHQ(!2\$ FU>I94NT6JB\$!<OF2&8Y^ MIEZ?.M%7=N^\$#?DN5 .H JDA462^D^YK=OH!+2K<^!<K>%>FKF!F5QNUH!MCA M.#W9!&H&X!E!FH>AC7JIT!H!HPF53W^5Q?>?%?2B\$FR37(72R/3EF MN "B**WDGZF!2>L.P!O!<^5>:RSY6!KGUX*DA T*M\$S2Z9.@UT UF\$DOO6D.BVA+2O!M7NA 5\$!>O^<^!&K6M#GB 2TRKEK!>N\$K.HOW!H!F\$2G2>9!<P!<^6V.U\$ MCOE#C!Z!R.OW&6!N1 82?K!<HJOE5BC!ND^OE1U? ID#6C!<^@.4!<%!*!WN M@W8.3J!<CS#<^N!#P\$>0A5*KKF<6RJ) (*<^! AM^>DF!R<^! X!<CLF9S!57!A)!F!C MNCML5!A! E2*Q!LA%AV>..M8(PZ+HQL>J!<I? M!>")<G!O!<H!<H9@ M^E "PY4X 3XVX&OTG6!YH33KJ!J!<INGB.DNC@8N %!Z9!XU!KTG7.IIV X M%<P !LU.5*MD\$FK!J>EC.Q72M3!&H5C. !Y9J7I3?O7C.K!<J!N!<NU MG7!GNO.:J!H@P!JH ES^V!W!<U!<?>HMCQ>OZIDJ3C@<V#2#Y25F!E MBZM>^! "N+H3 1O.H5.4.O#\$8E\$&AW.TZCW5WVR!<5M!2.#G+3=L\$.?<+ MO&K4^TY 4!#C2RAA.SL9U"U.93=J0 &JL@:##RR^R&OX!ON.&TOB #3XH4/3 MH4!#Z30&3J= 7=V@!J!M9MVIHJ9^<NHW&S4MM Y=6(NE^X7XA8N!61Z49 M\$!3!E?>9ROH@# !0S=>M&CHX6.NTX.2!>=59.HO#1^!O6O6FTVH52%F>B MG.I N!71TX O!S @<W3\$!<=>YV.W@<^!>H!591S^G5JQ+T"=JL-06J#H M9S#H&X&Z01<^UVHXS<=<W2?>P.3KM.IHJF3Q!<P!<8JM3!TL@<7!2R&<6 M.DK!> #O.JU.V0&Y.N?>HAM.A?2CGX!RGT^L!RZX! PWFT9RIU? S% MY9!<MZ^FG5^J!U!L&13 1L?IM?>B!%N.JU^P61*BSI 9OZ+. M8F<#2+L62N!<N?>JU77H!JGW.KOJ#<P.O4L!>V6JA!84!0!56G72LHA?OG M#.843BOY&F..SDJ!NDW+E!A^V=+G+UMVR >J!3KQ!<NVPET 8F&#&IY^2R.711Q.1.ASCIG>G)=Z+YEG!OZ>!AFD7!>=>..MMSW@. !JX!8=SO0G<^<Y^V.WO2M?I= 2M@<D MRIX>L>2!TVQWO @ND=\$A!<7!S!<H FUG3?YE9TW!UUG"!<O!OQUJ!<K3 M!<J8N!<N!<O^A?< G%<@Z^4P+O+2P=HMHK%5Y6!1U6!)!WJ& 9.4#C2=WC^ZO MY33Z#RZ>P!R!<N!<NVZTR@ZAX!?!1106" @!229X=&OX.T!<D!<B!C MTS2C!<S^8.LUV>P=^!VD6Y!<^VGN*VY!T 3F23A!V%!<O!FRW?244\$K>>NO!M55.6137>7K.<^>1W!<.#!<H!T?L!A XA!80E=+5RSIVT!K!3?406O+ M.96Z!7V^RCG@<^!<U!<O>Y!ORY">+!<+!<I\$<L!U6PM^W1!YFCR MJ7O847M.JTXGCJ!M!<?<ON%F!9VKUC!<S9NEY4U7!M\$95Y46\$5Y+RP)FF MJ!DIT^25!<7V.PR!U+2!<7IG8&K>.>M@.M=..UU !W^MH=NT!6C 7\$!0.Y M69!5J@<G>6XJ!D43N!6.12!<29!F.E MBZ=<8N=<MXNS !OJMA4\$S?OT<(<L&L!Z MB49STWB!B*8GT4@LJ @P.* 3*TP.7.&J%L!U7M.# 4!JU.#)T!3Y1L!%K M O4^*DP473Y!LPJ..!87*IG7WQZAR /4"".(GT2.HN8!ORO!<G!<I>& O4 M=A^9Q.TE@#Y4&BJW8M">=>E.8RC/2!<GIUF>PS!S^5D!"A9SEW!W!" ML >=>.(G4(G^<D!<4TU!&JZ!O!AS.44Q MG2GA: F8BYHC#P8V7.G!<@>? !M C9!%#3U73Z=4T!<46GJBM9Z&ZLYY:<NY M9HD8BE2>FVF-DTF!<@H44"0 M/NP3W!)!<OZ!PXNHLBZ2MA!MHUMK%B

T!NS!MXJK.(OR5"\$O>MI2D2D)E."N8V">2OG!FN.OB9G-T.EG=(<B75@ =FNJ!M=6."F@6R ML!01.D\$<E7.K!OAH%<KSO7&=<R.U9T' M5:RHL/X2K9.<6C!<Y*(5!E)8O^V7E2X.EV8J!B/4Z.DF^9E&=<^(<ZK2U M.L!<A<^&#Y!Y3L+PD!> !\$<(<+!<8C.3YK5 5%<?<?<O!<6C)9Z!<XS\$@!<7T4^<KZ# MIB+PSBP!<X&3!<B1^<V!<#57M.<@?<7?> YB+!\$5!M!<H.<=<UJAGE\$!<J5L!MFG!Z.WT#KC%4H^3!L2!D9G0G=F0A!6V!QAR!<Y5 7+P!E5%4C<(\$N=F+K!O MZ!<0DIGD!<H!<B0%Z40T.)OH^GB G""LG\$V^<P+YD.<< T@<@H.C!<O>"<=<P.MJ9<K.<^2Z+ PSG#V0X*BJ!PIRC^YT G^<V5!A=? W^AS#=<APJ0?<?<OC5V O<M8.AN!O=<S.E7!<I>=>.:2^E2%=4693U8Z!6K&?0BUC4.UFUGYMUH!9F4M M!>O4.LT>=>8&KJ3 T.PL!H08@Z7.MVIZ!N+6R!6B+TT!>!"15BY5 Y.RT!P5.MY!Z3!>=>F&K5U8=9!8=2.OQV\$S!<I>^!<?7JXC R7JZ!>?>5YRV56&WU M!<A9<1@<P!<Y!<N+<OKW8SN)V! M^XW"OI!P+EE.ANGRTXCNRKY!HHSOFL76 M!<+<D+<9!>.:16!MYK.O.<GG>UOS!L2KZK&OMASCG+<E7S>AA!ES2"\$8!<J% M<^!>R KL2&5RQ+(<A0J!<H 3ABA!<+5!<I3./3)ZH V#\$? *\$< QN@<1.K.OC MMB22U^H!<BG19(DMT\$G!GR^?OI@<1J!SX&7MOOHT!A!<P6.9.E!>.:>A!<C+<= MM%ZV*6!9L">=>S.YGOE^<^!<V2TKL+W1R!R+! RUZ^PL8>JU>OQA^YSZM.ZC M%<1A9&KL70!2D.ZX!U.73C^4\$<9OHT.W.6!<^<N!<TM6.*\$F\$FL=<=<K!<E1=<=<M.KA!6!9 4E2O.B)33LKFW.P=137JA"<^<^!<9PKB3<^<H @9@<K7!T^TJO +O MR&A&?<GWH)4H2!ZG.W!7L *I M=E!E O=6T^5^=<^<62+!6%<^<K!428O=<.:?TJO>U_3<1? G@QR M_%^3.+@93ES#<J!O) 3!P.61%\$7KOTR!FPDHJ.1!8A"\$2S2ZJO\$<A!<W!F26P!MPF4N(2@<^17^<O7CH<^O8!2@<42 8!H2@>A2.GU_?NMDOV

*Q0)!^%7L XEE, M^-I^D*64CS#AEC!P+UHZ@:'@ 0+T'>||I\$&.J8.1&(- OKQ0EPO6<6TL! QJH> M;W9^JMEI^T3|F+O^XH\$0XL3|@19E_XP85_P
67HGZVNL4_64_(PM12^U, 2_M%X&9U+SVH;9ZP|^#N7TZ@1L^K>_FOQ!41A^128,A>D4?>0ON37^JZ50#C_MAT^B^L
(%;9U!P!H#_K.IG+WCN#H^*P@6*H(WF!R77LC3P*WE+V/7R_4034_M>?"(RCG<@ZOY#^|E|TF8I#FJ#>|JF(0^B+<(27|O.DR(263WT?FR@X_MB^KR?
8O2!*"?GO RK!D\$B&8W7HO&,%@YX|H%WMR+)_ 82^B7_MGL2^X_?"ZP0!..^|EX3.A4;2&GHSCQ.YK!|OA)%_#B517N+5G==^0^*FWL_M%."FV2&4?
N_51V^8^+|D8^?PNO!>8 A F ^HICHM@OPP.B+O+C1Z|S5X%<+ M7G GS2<^C^G"D@V|J+X!JGVZ0^((UVL39ZD.&M^UB# @_?2?CO|X|RQ\$^"+ MT/3K)?
9WGL|MPAW4^G_0V#>="Y3K|!#V+8|J_#6%8VXM7^4.2|4%<V>XM MKC^!SIN9^F F_KP^BMLAGY" P.<+<@B &O|V+>BX@U|094XM.G.(H|D)I M
&L(OH/3@&HV0.2|&(K|>|!LXD@:208FWZO7=,LL1A1O Y@OB)PA|@.B?+@ MUVBOV"?#.,|O.Y1602=I#0^*P^0QK9@C|_+X#|4F<0Q*@(IHA?7^Y38B
MCGD\$2|2DFV.Y&.\$)\$CFH^!^| XLT<,<,>3\$5F|! 9<R809 T">_N>RH9O^ UNPQ*&5_M2_F0D#*@B#^+70A^HL>Z7HX_45EM40(->,9:.*
|2E@>"DLX^2(2XGH/DNVC MI^?|6\$F|OD)^EZ.%\$_.CJS"%YU:@3L+D9F^*EK!&SCP@V@_E3+^/1N1DD|PM MN?1062_Z|CH M%<X*=_K+J^O/4&
LW@&O^GFI^BWPD\$QOQB^1RL+M.(C...|MS^>V^*T2A#EL 5_R(F\$W.08K|&(T> "\$_WBB6.SN>DGRM|H=16|8H@T|JCH MTE#P6^2K@_P9.VVW)A*
<#8:."OV# 4LC.9UHABU^7K1&8^|J_6|>^*IFDI5|2_M>|4>T|4>Z1:|HIF24VB.&U4ND.RQYSJFS_B^.\$3MJHUUDD\$Q@_8\$R#;_ /MP8#
EB\$Z(4CBLXLT??>0.+E1^>1O^C037C_K.M>>49D2^OC9PE^1AD0O/^!1IG05|H%CN98%4#E|!F^Y/NR|L@+B&5KX3QNY=
M|O+X|@+>+OZXFX|HUU.NL>_K.9?7C_K.VVO|NH4GKH_ZI?Z.RDNC=>=5)_#_M.7F0IG""_92_K1ZZ3N>_M>
C6XA,/2UG|D_#;_6<5F@|J|)%|KLO.3P.0^+9|3F=(CV!\$ATFDZC.+;U MI4&A7GLX(NS|K_&U6|_?)BT1M I_QM.X^\$FZ*_*||P5#L_9*9^J&X.J|J: M=;?1?
K^WH&S#SW^2_-O^_E#^* OKHO(K3MF1M.O=^VND6E9=6.6K|H MP.M.LU|F4C2.3F_1H\$-/5F.A7 LA/H2C:AU>MCMYMHM5O.H/F_DR_+JM|MK
M3K_8VGZ.H^BT.P7^>T2|Z14_ZU8Z345VHM5_2|P.O.P#HZO1QO\$O+|TP.X^* MWG&_1POU5.O5=MK%<3S5_#G#X|&KU.0:&#O4
^=K|Z81CG4WE4Z@_GWRV0_MZ1|MIMU|HUB|X|K?B(S|A)MGE210#R|O|>K_2.WD@#^+12H+|/Q\$NOFIW^4|>|LQ\$XOQY3O.K#\$<NUXD9V|&J|F
X|P|SWW&M|J8KYM M2>_>8/>M8L3VB:|NS9|L8|_@TJB7Y^MB+U^O_R&.+!7^CP+8ZXEG\$6HL|L>M^|KT?M_Z3V12^>K8|+MM,JW>8%|4HU>M5K
6X7>^AN4N|J.3H#|GNS MO|H^>U^>P|VW|^+>_+|3KQ0<?2@8"AT^R^>#B@UN^2HDMO.V|P|2YPKBC MFI\$5<_1* GT.H^RX^>^!<15VG7|
|H6^BV.\$ 4|X|_!E6VAXW5|5+^*!<_K1KWK|!|AP.(MNC5ZM4=DCCQO)?9GD?2^G+UGU0(I_Q\$S3:=U&..\$?J^7CM_9|H|<|Y|H|
M\$^AM|IYN=-WN#C#UV?A7KM64&02.N_!@WK%_%G^*=5.8|L=-|J^|N^_O^ M% K^=X|H?>BR_9V|@NQNZOQ..P0.
B7 GRB.8(K>G|M|J.5T.9|2^7NK+76T M^*NO!4FPVTEW4=-9ZN.S0.^<4M20V@4_K6PS%.&Z^@X_/K.FE^6\$|LQ|:W03>H|+Y9Y.U8_O MO(|6VA)&H/..|
<N^V^W^GIV=C^S|X|!O4Z_ZT2<^C|G|8^_#4_!N6H^F4UN M|<^<^J7_Z9W^?21DCV|L&TC|LU^TV_OVRRK^|AO1<=&^>|0K1@G<_V4K9A?
Z|<=<5H8R^"T^C6|6^(\$S|I4CM MYP|MH|^B\$.>B%<_1^2HQO|Y+CI^EXMB#BXV6^V2\$O=CG|9>#W#%#M5_G|LG5A6|YH\$AG<
MT.6G=SA2T@_4PH^O^B35%K\$4.&B^9^7|5KS|I)%^Q5OZU^ID%SB13/L|&= MH3S_#9T AO/#1P^@X#RV4CJ\$^>^Y1|@/\$O^4<4=P5A|)%_|B
61+|WS\$S&QQ\$ M-Q3+>+0|H^>|O(X)^BBG/Z\$Y@#H|^|Q|+2|UQY|^*8K\$SPW|A+_|L^T&1=G@|H M3D|OF?Z6_QHAFQO*@728IXN|>+>CM)Q+VRL?>
S|K&S^D<847L@_J^P MP.PG\$84Z4ISL>=>|=-.+Q3.4+868YI68^F6|MNX|2@=^N|U5IK MLN|E J/3U|!>=+3 L\$A@-L%1@D+A=^TU>VL+G_
BH|8<^Y0(2U2ZD^520BYH M2^3>3>9Y^=|HZ"%X2|NAD_-8L2|H6^|VFK7V8XD^N.TRFCEE^@B35@+_(W
MUUE^|J|K(8)|3WP|O|LOA|J#&8|UQGM|LU1K=GWB_7|W9P@<@CGY+7S|S\$F# M|8@NNZ|(%+M<=|ERC54^SRF)O/PVC?C_
^I3N74YF^2C|U_R_U9=^|ULJ^1SS M80KY+UC/LQ>DE)FC%)N^&_4EB=0GU|UGU^<|GC^/_BQW|9G5G6^F>KVC
M>_!L.GVKZ242R7XQ0_2<#YN<=\$1%T^D|5|@^B"%_P.3#?2QL>|@X0|H^X\$|. M5|HT3EKZ5W&^*J1<_<^8^!(<=Y^H>|I.%<^<"?F7QE.,3HKTY RN2K4|_>3;_
M^; M9:|32|J5YN(Z\$C41M=D_>R3+)|5(G5?H(&|2O_6O_7V#)| 0^PA0.U_ZZO^DC MLJ|A71P@G2_
(7|&X|S^M78^5+G&1XH+G|+HL^|TGC@9K|O3KX4|0&YT_5_M^((V5GFU9Y|2+^E%=-4F9^U M8ZO6ZF_VU(&C)K9|\$O)#RPR^|M@?GXZ_A
4>4BY5UM>|R23^|P|F+M_WX M^2.3_1<5.F9Y|E=BFGWE.%|P.2|J9.L>&2.SODO?|O>&6OC|XC_R7|Z|?M^H.4YRU3NVWU^>A|
<1@>SPL^YQ|G/87K8SNV|_L^XW^O|1P+CE|AE?RTXK| M2DE_HY\$IFG/6L+>D^59A6^KC<.&2&UE^K=C-SG.D_ _|DV_57^E F
@N7^>G>!!^P=6YZ9SK&R4(|_!ID_4K4H&\$%#:#0VR8_Y1W\$%Z|J5:6VUL2#^<K4|HV47_2_W#IUV^NBOX66|>3PA:"7
MMO^4EXO.5W_V.CU_7K.A.EC.|@Z+>|3|A3_8RLZ|JN>>1)^%6K^6EFN@<_! MX_V6+TE|+&NQ=^B0|K@|DP=_.|00VD>|A|) MO.I#
(HM|85PQX^DE2_WNXZ@R|D^APE%|25640|)#\$<_<Z|G2\$?)"A+Q_C^#O1<=<|_M:UA|6B_VFGR^734|LE|K|U|LM|1|H.S8Q?^Q_ES|P|S(|; MPO/|
VEN8V<(|M6_Z_OZFE7|_6C4|JO|25>|U|H|O|W|T^MWXHU4H^4G7F8_MN7TA8K^2AB+>Z7>BHU2.KL|?T|15P^0QYNP_Y|A|<=<%1.BR|O(FWOOQ|/M
MP^2^MQ@?2CVOV^1)%&/_Y>G\$*_R3^>(+@.#TYN3Q8E2O_!|@B>L|0A455\$7H0|V2^<&B#_X9CQ^<O|X|C|^C\$>L%|S| MV&XTHK^AG3?>T\$N-
>&H^>VZT4_E^F_UH|K^V=BVB^S|P.O^H|0R0N2S&O_MMUSX6MA_CX0ZAQ_**3.3A_ORTY@^W^%&SFV.@LL.DY@8T.8% @|H|5 MI&%LXOE|
(E|N+G^>^OQ&Q\$N^1OM+ @%G>+T44^_V.YOR.PDFG<^U4Z|H| MV^L|K& \$#W0_0.2W.H.EW|#\$E2>RKBF|WZ\$\$.|P0T|^<2|L2M^<==A_#?/
MOPI@|@M&7@S|_U|J^1EP)ZY\$#_#Y M71A|(|J5W^0_6|I^?6|)O|H|_+58K^|V5CC^Q^V_(8G4X+^S_!^O#BE|G|GR|RX|\$ED MDL_C\$|/(-
L3UQ%>+ T|33^Y&HZA&L&K_8^S|7D|H^*1_M3<1?G@M0^M^C^&B#^NPW_X|ZEY.25DGZMTS+@.O55.R5|!#|)Z|1^LBR^<?>
@>XE.R0V8D1HZE@>@1(|:UX WX="%.&@#1P6+ MKO|HJ2CB8.9XZR8^U51^:X5U@/U#N^*58N^3N^<@X|3^>+&|C6ZN) RC
M|_M\$R|C|H^1^0@UJD:1\$R8#GTU|@>?|E|F\$26SLB|B4|4HK^66_X59Z^|_1MP_FY&^CH|A#0X_0^YDAN^@90L>P8>1KIUD|_M.@|J|F^_U|+64&|F?>
D.M)|RR5B=P#@0^54^J^|8^TC2^Z9L(|JTD)M4|JZ|H^Y^J^QO8|_! WPB>I_M\$Q|E(8_S6|^?#R3|^_V&M5L_1Y8990J\$#A6_K|J4#L42^<181|4^M+)|5T
MEL3U^20^M4YD07B|F^2XQ0#_0=3R4COG<=1E^X|^1^|.4+&6U.8A.F7|8W+|X
M1.GK|8E|BHC43C2|SG@#2|JH|N(|D(|P|T\$|N4=SS^5F^O18T_Z.US(|M>^T^P6P3.%J\$_806SF_\$YFF_P0L|!70|X.W%FR1|
|M6FT7R0&_V6(|LWN|H|^>^!P?>+^TJ5RE=EX^8| MB.EO|@FPK^V|SHRR\$7B9;9(S^\$%\$1_\$DLM1%(\$\$.2_28A2\$64^Y_XD
M^|_);5&J49FV|HNT|X#H^*G\$X3OC|H^_|UO@2>AC@>#^*_*@AK4%#A5%MY^0%HL4U_JA|RF8.%@G7B|TCC&80@QF<(|S^|M|^EN T=
ATH@4#E_0\$B|C^Y&_LCMO_|B^&+Y4^H^?>?K\$2>34M^G|H M@E|JH.BUHAE|WY|6OL=D^26NFEF^S1#_#09.FJG=1N5?3^Q>XB6GXH4_M#?>
<=UXDZ^|)(OX#^1^TG|BWR6>S|<^<V^L=>@BB(>?<6^1&|&Y_8PU^S_M1(KV|ARQ^C^Y|2^R)|@>UZX74BR_Q|02WD_G0CZA_?742^\$|H|B|E4|>2|E7@
M7E%QOL1A6WM^S.O@>V7(T^E|XX)(KT|^1%T&6:|SH^GK9|(^&P_OE@>V_M8N&|K\$5:L0|5EMA%\$(U<+^+)|0|63/P&L^C|L_??^>^<(<1>+^@C(3LA0_
MG&PVC82HL^XQ^CNW7<#8.RPNH|XPL^Y2WHS|L^|BD@4^>D.RM<QT623CGN M+5 B=|U^H^*
<=QQW|G^/,%>^YQ^8B16^*C#R.U|B|6BP|C&B.NB.@S1A.3+YB MV8^YR84^N1C81M=-2|N3.1@_2^X0\$#N\$A|6Y^0U8|E3F\$"-@6|>4V+UNP/281TB?
|V3%|LWS M<_Z_#G%#ZQ|V|@VW|4YC1\$&ZQ|?S.(VGE1AZ|)"|KZ|^U+_ G4 L@DS^V M@#<@WZG9|T7GCM\$M|JAU5^B
SGA_X6\$E@J|R|^%HG|U|53ZWS.&1|Q|(^JEV>_LR>MN+^7 M^1_P70C|F+P/G.2_XH|5E|3%3|4.@83_%WLZWO+^E8&OV|Z&|>@ED:#N\$#!
M>IAYQ|8^3L0X70|9P8.19WT)O2SU@QL_2M_@I2Z N_SF|DW_G_5K&4A^2EE>>A_|666|E^8>UE^|T|JUZGG_4%_0R+64 MS4.X5W.1BQS#
|G|)^(<4^|7^Y^CK|KT|UH_1JW?PEI M.ZNS)OCR^Y_K94MK6TU|_WN2@G_Z_+>MW6.M3/UM27|_#\$U4=8;6|S&X
M=2/6F|^M|U%>2K|JEC_W^|EBE^Z_|!=<@.UT|XS%*6KU_||#_9D^ARPEQA9_M4|_A01\$|2K1/_#T.V3X_*P#>N|86^|Z|_||JU
V4@|J6|(^>2/LQX>Q^GR M0_3Q|22_W\$T\$F4|538|1F|H_P^9FGO/FQ@>Y>2%&U_Y56<7|GHGL=3|0_MM6/<4Y_MQ\$^\$Z|H2V^6R|^*
^E5TNYX@(|:4PZODLX|PTPN|@#G4?0TG|H M8@E>^X^H48&BR49|2W^%QEB34B(^_E.85T06(|XUB1K|3VSRVAV|)?4#^0^M
8>^B^CNH|H^>A^UMYR|@48|^|QO#(T30PG|A M@>P\$@>V4K59^7|WR M1=X% HKOX|Z3_V2^7V0#^V|F WH4^>_1|3>A/L@(|6LZ|!"TQ2W_
3L870ELU_?|X42B^CD|H>48@^E9A+^? MN4R^4Z|^>KQ>G+|TJ^K>^("OD+Z3_ZZD.S^T^7+2|E|..LYON2>|B_5DKF|^! MGUA+^@W2Q0=K^*)34^HR_
H709P^* M93|A5Y4|J6Y|Q^A68^A4_2V_5P|^K06^?|Y^W^O|5JCQ=>9L^NLE^*=7FOZ4 ML2=9F|I\$>WF^"K|T^UL<\$_. UN|FO^#1^BS@1S8Q|I4=)|_C
P^Z_E^F38 MEDXYD>B45PAK^L6(\$QCI|R4.(7|H|5MS=(O=8@^X43Z7_3ZZMN2=U| MJ|FQ<^DX+GS5^|_MI^EP=2^TMRJ_13/M+
|H|B6.A9S337|^+O.57_MIOBRK3?_X13^VMUAUD>61PY>_Y^%LQ7O!@|5N/^?K\$?@|O|I^J2|1^>@OB@P M^D%&#H@TW_G^FMTXY5|JOK:F
_09@OF+V^82%EN_AOP|^# MCGO36<^E.CTU^XE^7E^/_IG?_JC5H+U&=ZW_OUX758|JL_3R53_23O|H MO^Z|VT7P^0.\$ UGT.LXG5|A^A>>?
RO..#5|3G=0N^1.7)^Z^5M&M456KNY MM|3|G?ATG|>FF#>MN|H^J^K|_P|EOU6K3|H4|93|H^VWUA_1@<56/F=6SQ
MKK|H5S&H.GO.LE_MNM|ZMN|H5|D2W4=|L&8W0U41R5BQ^8H|^1K|EE_T|M4R=KLRW4CBH|_46T.C3|1^O5M6|EN#3LSS|H
XO>MV^2%CW|J)ME.*?K%>OLF&4P2:KS?WXR_K|F9XSZ#Q0>/R#|&3^*W.PW7RUD79B\$|^V|2N
M6^86+60K3(KMG3|6K_V&8\$E|5F_ZW|Z5\$_.A|3<3|S|RX|J_7OP_UC|H8^E2_M4E4KX06%#DXEEY4V.G3T^0O_M^|=#A.\$6@_TEM6AS.TJ_0DYK^>VU|^@
M@<=<L\$E9Z^2G^K_7783S|I89C.N9X.#V|4ZK4+|O@>2D^M93M020X_MV2WT6FD^>=|^#0Z1FX4^5|(<%TH#T_7|EFFTQ^43^7NZN6|5&?1.(2W^*
MP^X\$90_R98^YN^L_!YS.HCOM^T^F5W(|URL|EX.K^AZ^PLZPB9|^N<_S9 MQF_1^H|
^2VX|MOKYENC|Z^*ZM^2B^* M&>6|")&^>9+|R|>=Z^F^*MTMYS^OQ_MU|08=Q?|^@+^76@|A6AM^F%8|P^R_|H8>_00.\$CUVB1WC\$|UZE7^S.+^X|F#M|^"
_ZKK%<1%|O:8ETX+3|>^*X^@>^".^CWX\$Z5>\$AU<|ZG|R7^M^#_X|4^CH.VPUM7NR_<@|U|3_6DNC.C|BA1\$5KG06BP|2=-W^*FB^@F0ZL2
MCDG:M4S_&.37U_61|H^FK5NWUKO^AS+>#PZELGHQ|C|J|S^O>L\$MPK49A_MM7XZ2?#2>_!>=5|H%|X9|_1|H|?=>^#%HN?KSXPF|HDT|K5X|?
_0(CHJ5 MG&\$@5%7M (SGF3G.^)N81|J4^=N|J^U|/BGZ8ZBF_NV?D034U4_V=@.5CE|@_MR8H^4_|3|3F1H^Z4>U.MSGXY|JX4O_L(ZRZPWB(|"UA\$V8
E&_E2_2I4V MKAVZ|H8|DR4|J^CK+@*<|C8|@_V.KZ6KB6_S&|KFE?KH MZM)>5.E_3?M|P3|D3H89M1^QTH^0MGY6V MY_
A^@AONE45^7R^M4_V\$#VBEP^O_CCGXA98_3K|^_ZU^LDOB|P M>2JRI0LV^@<6|2^M6S:"8>3^U\$
&O@+6<4^?_7HPOBCVE@|H>0D<+C.3AW^#_Z^A@+^+1/46 M^1_6AV A^&@M9|LOV8N6\$G|C^T^#KT83DL00E6|3X&%3%6H_!_8PT@U#_66
M=S7|8W87G|FJ^+^+V50>>BE\$XCN^|Y&.<#1^>A.HOM3\$=TH_5^<@(|U^_M6=LP7Y9R2OE>K+^A.M>8|
W^H^1M^UK|!OV2.MT|U.^7HZO|HFM|^9<+<+<1 M|B2\$V^?F_E.OKH6E2|30T^M5L6L\$?89>>E7X(8^U1=X^*C.^Y8NC!_E3QOWZ=E6T3C^URI6\$|
KH9P2%G M^>1^1V MI0&8LV^4Z9|S_6|(|PCN5E_B@+^<X_X|RE|C^XYA^+ZR9_Y0 D\$&_|@O|M8YZ.B2|XN|Y6#P^E1G^I7&\$_.M6%|X_D|^Z_B7RGV
(8_ FM\$PF<4L9#OS+0+=+M#::T_O5Z+U_Z(D^N_Y.OZ+Y@E9_2_V_4EEMKO8M MP^YD^>D2|_>T^Y^K|2|(>RT@.49|U|H^>GH(8V)V@PS^+G(5S)^+
^("2|23BD M=ICLE9PA\$K^L=2>D57^W@S^<J^Y@_R2XG&7SN_EZ3_Y<%%Z7PB36|^Z3.MH="V_
@OP6Z2^1+H^6&O.A|&3&CE^+I^W#>=W.#1M^Z>N^R?>#5|X&C+|^MS&ME0:&|
|<(|3@%>R<B^G&66|BG|H|N4R^K&UWX^<O\$P|X|M=-|J^K_M\$D^W^2R|H^O&7N\$5K|O!_X2.2^B| MM=|HUV|W76L|MB|^Y^Y^C
WM0>SN^NT%#X#8L0_!RR^7V+4B|03|VWE1 M^3FY+6OPIDWM+OUK|DBP0/SS4|E0XVY1P5#OUE%<QIV^H>7V&DDWND|LP
M^%<3=|P22UHV>7|H|Q|^H^*3MATD|5|^<M\$1|9A|E=|^!+>7795S^U^E^DYOPY M^&7U.5^_H^?2AA.ENDC^GVAG2|^?>^/L(DO\$O^E|M_R|E+^"ROF_|2FE
M^|H|7|W^M^#_JL4^4GM2+6|^1%Q@>@>M7^1>9M75SM23|H M^<G39^A=ND^*0#2+1=V68132|/P.UK2T2?_KRG|A^N|C^F^U|_>^>KVM8^D
M6BR+..|0.XE?9X_8PHQ@_L@Y@>3V^G1>1P<_!23Z4D^U0|N^&^I@K^P>HA#\$1>|XC3F|H6DL^C|KB0|OC_!9R6ZEEP_2Y=FWXC|^\$^6
M+^E^CQ|8N8|^XN_|5|X^"F|^R3OF|XU3W^2A=Z|GOTO1E^".P(Q^>UD/P91YD7_MOB|PQ|^?0O<43A#_U2A MS.M2|H@>@9|0_JO^>^ZD(9CX^J#

(UJ7.R4SBWW10+@20DRHLY# Q#Y0T^G3O M*2N Z,U2(I>8B.40AKNX+%.!^ ^ ^A M+9IHU1!Q^B4Q=S@62XBY++JG@.\$IFGG7J!Q!O.OP!)=," M!7XMP9E,A@ ^*Z!>#<G<H11>5A%DB8!YXE0L3^D^!.\$J4KY=X@OM,V7X.MG<Q00"<?8>JKZ4((.3042? B587VE.D..650\$8CK2>Z%TS!\$M&JHAT.6& MA^..DT<=>Y.5^<0^QRF..+C)B:0.1366?B@ U^@UIV>2.(0\$>AV^"J3+D9)NRY ML!6#9:A? <1@IN!57WFE.0T6S22 EF2^*%\$BB.&4P3^2.U32B>9R(KSJ.1Z7 M0KI@6^<@YG7K=J=>2KH 7>^?>J<>#0^D.)F0P^""!9!#5M0EBH!N<=<&N.2R4 M*^<1SL*578NA.VGJ@ %ELI.HRG:~1GF7HOG+YY!KN7*~.P^S^<A@Q7@S..MO.J>2^F^69%5B3*N.U!6 X42./Y7 04!AT3DPS8<1 IJYQ^\$.AE9 /HE M5Q^<1(6R7Q@E(GZ5CE!0)E<1@.\$JH84 T@BCGD2KJ^212M0X05\$8Q!35U M6%R!J^QOMH\$QY^! I&H 12.TTP.IQ@!>10^0.15HPEY&%>ICV!3Q M!D<WI@%JS^E<7W(VHMO3)R*1Z! 5XXYHKX^<9>X#AL +DC M 8O!37%78JLJG\|SON&H2.THG C!@X !.59N+=T+OT? !^MO6.XM1AN.1W#K7L!CVGEB^V%88 M^EE>9!QWJGB^Z!<)!S T2.SQ8G^%N%L.MZ9H9Q!+E!1ZV7KNNTWX.8\$K MJF- "C^2%R9!TSL.ED (P^KJW2QX5RJ40C65^E9F8 S^L!4(H^Y%Q.O!(2U^M.HRE4O 6ZY5I2V^"U!4\$8^+TA2>B(S!+IOP1+<5D@FAGG;<=>R\$EJ6!WG1S M2^A3!\$L+HABE7H!36J!3^73!>2H8OKY\$RH62(BWMCJSM)CF4D^U>.!16.W MTUO^3M7#%*~&CP0 F5!+7.U^*~.G1=T9U36A!K H8GQ M<@+<A^O&^FU3A^B\$JE=\$!F0>7>.>L.L^<OEZ?2\$ \$<0T 74\$3@T)*^<70!9M@U!PJYA^2CAMVG^*M.Y9!>6.#G6U&9QY5K=%9+>L? 1^2UKC^+Y8^>12YQ!L.#(Z^P!1VB 7T7\$ M^C!D^A^#24#)OE.X0G<^>3.1%10S@^<^!RJST!L\$!M.N\$S.O+6R^SNRR!(Q? 0!)^V7M4&S2!XGJ2T1F33A!@L4X3<=>!A2.B^OT^!M^C^!4+16S^ 3.UB1F@P^C^5.\$#U^"2W25K0!0\$.T>Z^N 4SRLT.O.BC!EHJ.MZ _>D^@&@JTD.; L.O.N.24Z85O96!\$S2>Z!&("YEG)%3 N3Q92V GN (3Z2R MF&X/S9PPD#7+!&E6SY4MEI^Z.9I.5)&Z.CM&@ P!83W%-DDKAX).E 6PL(R MMT^3B.K.PHBL.U^).7!>43KA!U.95%&8B4.O0>.S2XGLP7F4MM .0/E.M.NU3J!(I=<4&U?KKKY&9#VZ44O<=>UO="^JX!7_5Z&RU7!^WV.8JKLTI^V MJV.^J^GGZ .KTZN\$XO!XL^!O!X>(&G5TB(C:~^+YZN+>OTM^P!77T!^WB>^236O=>: M!\$KGGH@M\$.8S4AFZ44!E&CY.YI=%&Z)UQ1P.7!& " \$Q&GBW^" %E2FET M^RMJ^T(SJX9!16+3%.M...M!32D.=4D)CB! (=)." +H#494D^S2W6O.5^"PTHG.MAL.9N!\$2TE^R+57C283^"GSCFD^E!9.R7^@LNT\$MOY%Z%?Y>[AUL7!UN1B^U MS =1>O!EV.G6)*\$93U2\$G^ +KD!F6.2A^O!^TIC7Y3!@J83^656G!\$!PEJ MY9^70EBEK2\$R1NW&C&ZK!D6JEBNBMN)!# \$P!0N6!U.UIP +W/ZYQU/3JU M ^BG+QO!VT< !5Z2\$!GWL!1AB/H4WY!HODM+!O6CP=LKPO 28QGO!PA.04O=(N^!LLXTSY(ZA5B.M^*KO.^Z=\$U!159K9FJ@E^*8Q5%#/Y4.GUGJ L?2^*@SLP\$F1%JHX0Z/Q.R^M^G O0.F!Q^O+!E7.+C3DOHHH^H ^)8JWK? E^?PSW @.JYB7Q@^XAOT^V) M3^!)JE0? G^B."% X!=\$XXD^O TGD!RS.XVQ3P!^X.2K.^!V!H M+!G=V!X.RMBD!&^14.H2>4SB^FV!U@VBF56KJOCRK!L!(D!QF 87!^V^G!M.)!A VZL.343-GI&8W.XU8V3!^F@BL>1O^5C4.H2!A(TW8!5O@#BULJ!MUBJ!)K\$JWIG87H+ =P=P!5X>DG.^!TL^ (P^VW^B KG)!L^L^W8K8%*!I M7^> M^=P!1Y^!(KB9!1 MPAUE9.7.WYVH^H^E9!J^Y^2=TE^CJ3.^JCVXEEL^3!4UCG^H.H!2.^Y^MR.Q= J!LBK!&7.L2Y\$8!F! S!GU>=DWX.>W!+!@O">=#M#7!1DE^Q+ +47&WL MY9)R="HO^C!V!V9H?^! W>AEYG9UBA59C^!LFCN6G;HVA% C C!R!>#!A.E M!J6G4!1^75E(FMCM<1..02MNI1RQ^<C^V!B>>12^PT+&6Z.9%QVQ.T! DK M)0:ILLJ /P3!>A92Q0!^X!A!GCSQ^*6!<^@VQ.AM. /%#7+!L.39VX/Z>WSO.M(LN!A!<^G8!SAM6Z!9^!^!X(T@+<X+!4) 3U90H^M RX1!2KB2\$Q??!21 M\$Q^O^X.6J4R^A<8^K \$!@FF NXLC! 4H12\$LO. A^L!Z29E.D02..M!\$ 2N!5^! RJM TL^C.^!LX&9L8M^!\$!W!9! (M9GV!4X^<@5FE@ REK9TGY C5X>^!64^<^!AE^S A2\$P^7!N2HAHPI.BU3@ MZAXINXE@EQO^R.IDG.G.18(^PU>/D@^*2TM.2KA.2V2KOU2.5<R@ 5H2^P!G^!^=00%1H3!D9UZEM9HH5=M^ M!+<3U=^X/!(B.DRFD.5^VXY^X.N.#3^!MCUXO!>TNVY7 HR@<(7K R!N^#V9!Q!W^*MJ 59FB.V>T^H!0M(13K)H8ND^6^O4D^H7W!C!E7>*&E4GN2^<(7C!V>G8 M!U@IG NX^F ZGYP.MH#A.&6REDHX3!2.5= !U40RUH@%5B6(HZT8%3.O+RKCR MX@B!KIM!Y^5!N^*(Q6K!)6!J!KH^*1!<ZF> !VN!<^!X!OY4GP^<.67W%K+!..M.:MOC>KS7/9^=XO9^Y!NKM!^!^FXLL /J3?VEZO?SBI\!|||?OEO!KDZ _^Y M^M^V>L9.EMF4. KU=5C8T.O.LU!J/G!)PIG!H^<G9.PZ^<4.\$!J5.1F2\$S@YQ2IRL2V22QJX64Z MP.^T=D?>:: (D.D\$!OPO05J4^XV15BXS3EJZ^XDATDJE!NS178V7O^!DN\$B!X8O!1D.Y.2!Q<7NC)W=U! @ MVNG21!@VY!WDS!J22^A>ZS^!<2MOL E! 9+@<(D&Z!S.5<1%&2 MTAB@9^7D.X>=>K6.4!#BOH^5N20ZPG!+!0!+!LLGRE&M^%G2E&16=(!B%\$S MR!0P!VDBFJXE."!S!T.0!1RYPK.KCUT!&BZ.A? JE^(*Y!<8ET.1^3!V!V!)Q!YMZ3 L!C0(R.OK\$<=>\$58P^V!AJG5 M!DF"E3@5F3@B!J!&IGTX8X) 8P0.Q<3+Z.V<%D2DE@ LR.^3XYC-07\$UT^!M^X.X.EB!F F0\$2Y%MFQ!<*&3K!2QK\$E3O.AJB=WBFFY!J3=>8!<C!3^ PW^M \$<=>#C!H!R!G!A!&C82L!0Q.^+!2=#!2KAZ<45\$%ECV!@L 3B\$850!5 M5# 5EA^F3H.^!PDW>=>X.Q!H!Q (70^?B2^<D2^989J!JF5\$EZB8^!S!K@S!>=>M!1C9.M@CEH@C!D!22^U5@S(XG BPP.F!^N!UL^!A!H!RE2=RY^& <!)TYF.!!^T@K\$ M^!UATLLR0PVD MU3K85..2=EBY4!L ELFVH^!NE+8TSJ9.Z23\$(U4=6!IW5^45 M6K!)JU.U^"5H^27&IS.R49!>U\$.V^K !O^2A=5!E!E.FG3Y6<^"UUU^WE \$ M83!5.2^!^!T@K!BPDS2? !162 M38R.U^DMMU3! S2VB^5V^FJ^<0CM57!)\$P2FEZFBH^K^X!# +7!2\$G^ H^" MCQ!>O+ZPXKD0QADAC+J!M4^T^ZV CP.W=T7M@OMU2!=V^!>H>7!AR7\$Z!5@!2RWFN0\$NVJ7U.9^ MR7^D+HJDY!C.@&0Y!G(A"149!\$ 8UY.L.Y07A!P2YCM.P2PTMGZ0Y M5!^C^<V^G^4R^"=.RL.XZYW!2GRG2LR+!<^>X.Y!16!2!V MF^!<^>HMO>QEO^Y(N9.TK06P+2!L^Z2.MU3 +.5YEU^!J2+!RT3.2C7!H!B M& .AU!LZ5 _P\$6#(ZSCEG^P4!+!^!<^!F!4ECMAE=%09.HO^PWP(YO M^?J !5 L!8FE9)H^<(HBD@E^K^AA^*(1TS>5- 1.2!12<=>@U8XN\$D4XB."^!MR(4!Q\$6^<7!S:OGN7!BUG!8@8MBVX.T\$<8!G/B\$^52B COQAM !>^Y). _M2^!(NB+QC#1!) ^C.V.X+!96E!89C^C.B!G.NY6CLDIN4!<=KX6!%12<=.155FZ1&QTF^O M@!15&IMC^7.8\$5N!H!^!4UY#..8P&^!^@RG!A+3M0!XN MO^U.AL3TDC^>?2 BXR^7!<59 VY\$#7DH!7A2^FNL.86!4Z2P23^0K^MD<HTC _^*=U\$ ^X^T^>Z%<!) M09>T !NWH43.U!M7OCL!KFP^VY1TGN5^E /%&2Q!6KB!RJ6GOA=2T!T!JEHO^#4Q %9D!VY^*64421<1.S@9 MVUW!+U!S!JUO2VR) (P22L1 F2#L!=ZW^#E!5M3 XDXO+T!^!J#.%OHPWU\$N M!<17@8AK9D#>Z8&L^("2.K^<^#Y!Q).^*Y!UMGJOW.YU4JAF.2P1TK0VW+J!B#^" MWH02S2\$S.^"43CJ2.LGCO<9.FV#Y0.JB0JX^!D!R!O!J!T9) (DWFF9MCO9<K2AZG GNNW.M3\$S.Q\$06X1D YBF.HE!9Q29X)UNFK.NW5^!ETTF!<3P^<YO21^T!(M@2 ML!@>8HON.F!U^>(<L! >GQ9^!>@.1R!J!J!4\$BRV!< QN25X.F^8SH!^P.\$ M^9E94%66+S6%-RO4 !PA%!^T!TX2EG4!<9 ^@29B!WF.= ?2NW!\$4H^5>GT9M!F9.E.6YIM\$+ <.#S!H!KY3@CS _JNV M%..J!R +^C!F^T!R5^"UW@3&.*M^N!F@M8N!E!M^!O.A.Z!J!2.4EY1=@>2SS&+!^<PT!<G!)@9#^!2+>4>=0^!N5<9.VH94 M^G!<@&1VL.C.IN^%9%?%RNK9..8^E4^F43>PPONH((N!NK! NX M!>?HAU 0V3(MR5Z^94NUO WZ& ZT!5ZG<4PL^"86!<Z)!4 O^CO&L!B.6G0: M4B!7S!E83EG!<L>7!<1&X%P&N^V?2 PX!Z!E.6Q.C.M%G. K2R.G3CV WMJ!D+!IA!B!O.ZC4ZED!H!E=J!2^"RH^<4P+>^J^GR!8W M.4Y!D^F^!J!L.)&CV!%M3H!<^!J23DRSN.!7.AOT5!)!R.3.P>A !^!F!M^C)WADT.WJ6>T8MC&G5>JA=.*? #0IY+!<4?W(GD!<7!KU<\$YBV95 !9E ML@>..HHTA 54T^CA^<^!8!AD.4^< G!8^R!V!O^AE\$E8Y^!UJ5!U4B87!M C^WV M!>LKG3Q0M.%XQ+!ORS(XEL?UZQ.X!)<CFN!RXU@6KV@<9 EN68M2.12">+<O M\$B8^MC6 68 ^#17H!2\$GGB^!HW#H#22P^ DBWV+!8!U@>LQOTW!07A2&7A^" MNN8.U#67P+50T!PR.H!OYKFH!ZTP9= ("EK88^P>+&2!%Z%<5 3!\$!<?>K^H!FY@O MY>TU> ^!^E!S790^7 =BKFO.F.OZ!)AP^BL^GCO!D^U^MJZ.K!K4EKK6K2U!M>^!O. %D^<K Z5T3>12!P=J!<X!<^!L M!&J!<42V9=*(5T!EX?#UAR#Q#T+N93K;N M%V >KDP5S>P7.=!^<@>Z.W@<R7M!UV!H! C+T4.DN#P+V7P!X@<1%5LNU<4!#A>+6.S9!ZB M5\$X.YGKF!Q.07!H^H3?> =087!S.3.6GHS (OW!FNY!O5!EB>KW6!D!G< 7S.M!7E!^NE.<^!)LFMD4!WD^!4U>3^*2!H4.E5QG%J!<.&^!D2=>X^"@@3N M!<J O5S5G1HXQ.B04N.X05!%O06^37L!WZOQO!3F^481^<.%B.YE!R^G.">Y.ML\$Z#0M2!)F>S\$Z58CL3S4Y!L!N9V7M_.061H(OQ^7 4K+RZ!J^!UJ5!0!2 MO6Z!M9Y>E!H.9SY3>NFW&S&6H>2.FEHXNOEKR@1AH0 M!JV^& Q^WM Y^<MTW!R#^"WRK^!D.M.R!R!R+<=U!>..!LP0.R^43X+D170 MP6B5>&KON Z4R^@N2CS^FST7R.Y.^!BC!^#Z T 1Z^A^5^EMO\$D5!V.^OD3CB+VOOSE2=G\$H/Z!9.L7JY9K!#K M.<7>Y^"Y?>3.B40L&E..E.H=S^7^YLZ79 MFVZUK!168Z3\$&L! (J0@Q^T.E 1VRZ!9&W^>+3!AMK^>..9#<3BG9#D.#.4KB M!6Z!J!MY!XYNEJ.G2EN!BOZ? Q^F&P^89!QCG!E CFH^9J!Z!^! @T6!<=9DC2!%MTD!6.S C5K3!+@Z27M!F!ND MN@ ^G785&13FU!GVZ3NO^Z^<8!<1?>S273B7!J!<1UVQ+F?&^!7+7.8 M^TBAJ9OY.G+ \$N4!2?KE80Z5!V^2X.22?Y08Y05E."H2^3F!K!ACZA!LEM!HD<M+ ^!V.CLD> #.J%Z57KL2GCG!7K!N\$W!M^*? =!C%N!4!G%<=!N!B!Y!G@<AN^P! 0Z>BBE^YRXH.L!+U458!Z!AR M8M!O 9\$7FOQ>Z!R7E!U2.E\$MRE8<6%..=K!Y!U!%K+WM!120.UB M!.4(LC.886A.Z^5!528^!E!RX9A=E.S.;M QCH^M0V G VCP!L">^!G3!8!\$!+ZF1Z Y4^2+6 X2N^!Q@Z%!GD&0%Q!>96!1O&G!\$SX5!Z MV!^!UJL^E? 49!Q!AB! ^<J!J!FUKY!^5Z7LOD^O.RZ^YUSW\$^!1U &M^#%U M^E!0Q."D.HV.AE2Z0%WE^#W^O!TOHC49UPL.L@&56.74IECB8NY=J! M8^<7!\$!&^X0D) 57M!K+W 9A@<Z!1L=L!JN!Z+7A.\$!RO?2F#^# DO DG%<+AO&Y M^<55O.XYAINCT FYOWF%13EKIZMDQ6!07\$0Z#C<0 =>15=6.YA6!H76.6VL37 M^BSEQ!D!H!A.CMGX^WNB7^QK W55VMV!F+WR9^!Y6 F9UR2Q^BT#L@2BJ^ M!S!O!>FAK2"!1+!>9A7V.SHYRL+YXN4.S.WBO^6^!T9.Q+!JX=Y12^T\$YF.MK!@P87^!J43 Z!6YNP8K1!7E0KCWI!U9=^VC^*.\$T7&0#262BUEMO4H! MFD=L3T^8."L2Z!M<3Q\$!V!SGL<3!M IG!K!2^S!JQ7YU!V!&[9F!>7UBPO+ MN#L!J!J!K!M!35Y!MTHV0^?>^!O!N!2! @+!<=>A.N^!<RD!K@N.N!H!M!0!4!H!X.S.M!<E!&+B M=!(1MR8!)J3\$<(^ 5C49J!Q!H!J!J!LMH!<D!Q!<@>^?>Y^!9D<=>#D^<0!LB X.%1P.T4U.?G35< M!2!F7LW!#K?KR9O!T!W^<K0#O8?#<L.FQH.6!4!SX!MR<^RY.3Y+T!M^V M!S4..!L2!V!0H!P%+2Q!JOHOT.#D^VW\$X^*O^U^ @<8CT>^84L!E!H!F!O M^Z6SD54 7 ^8K!F0!3!R>B^A^#D3=>P 38; YADM^S!XL!+TP261QETB=2W+>3 M^<KCF1^K77; @S3FU5^7&5FGYQ.YO\$@<M^MF0!JHWK7O.H!F!&L!B!Y)T B>BB+ V^!\$LB6.(S(BM!@<^"T.C67HMU!R(7% M\$MB! BR!A!4AMU2Z!<Y<1!<1\$Y!)@8K.3^#K01.4L^P6E^9^1.L^!AT+!+ M^C9\$S^<E!<E!<E!<3!JKA!L!R49#KN &R%V!FX4*3^2+>2A+RZ5 M#B&F>I!+H6PX^NS0+^F!EXZBLFD6 !&H!)@?E _^\$KXW>PHG5H<M.;2N!= VJ=j8>O^AVE 7.CDK!OQ=<^R!2!Y!3;WAM(P!<M^P; [K!L63K^D5!M!K+!1W.MQ9!<C.N.\$8D!S^!38TR.9+70Q!U!>4ACRC^2^C5#R%L!+^4+ M^5Y.<0W<#\$.V+!PZ7FG7U FBWA)=JDLBM)2 N!KD. (H^*OXSFW<7!%)LG4^% MVW!<=7CK=>9.UR!O.C.YL+<=>X!F8V&J!V!52WSW7!O.O.H2^ZH8!EUOLQ!7M.M!O!OU VJ^89OD.P+ C5>H.H.TV0^D^#V !SVL= FDJ!L!KG97^Q1<4.2V82.5&K M0 4!P\$!0!&(&V\$..S.4E=!A6!M^!236#8^2+BG>Z!H!M!K!M!Q #9RW7D4!C<0!B M2\$SZC.HB3M3!^YOB) OLE 4& A\$3Q%Q9K? #.N LCI7R!OX7^# H9!2T +>V!^!M V!^!^!L.WQX<("7R2P.C.JW8!^CK ^"ZQBK!M1>@WGC!N!MB!<GX7@&F L!R+!L!PL VJW&J!A: ZWY.D M\$>J\$F^5^<(S M^F^T\$)Q@P!+H=CE UB INPZ M^2X!P!L@<^!J7.1&X!X!>T5^R^P05XH!9!D5!^/=9=X(7&!<7!>H>C0Y<.&MS? #O: !\$>D#DS.QK.P9 2!1 06F!5!E9!S4UU>6+<NVRG82P4^!2!T97Z@!T M^H K!R1P!6!H YH!Y!W9528A8P!>= CUEU^!Z\$SMVGT7^R2>[MAGW0?+JZ V M^>?HJ Q?AOP=P.=.M(\$6Y^<.1F^!V0990WT?#16X\$!^*Z% M!P^0\$!)G!<^<6G\$@=(KD> @>@.AQ=ST<0J2^6Y.^!3NUW14Q!D.ZEZYOR M2^JED+!N7GY M^2(Q!&E)UHC^!DO\$2RY>(<6!H^8..8TLO4O =!DE@&8\$S7V&8M48DT0 M9?>D\$!UG!Q8?<18^OATH!<R^=#N&D^<=>7 !SA>6@#5\$90B!L6RT!Q M00#&7@<4!9XL Y<^!H>U>2>8!&#S!<P!JOS24 8>O!>G!V^!<(>Y U^<L2M MITL!AS!G7A4D \$V!J!&+ L8^PV(FZ8A6:L3 O.)#(<!% V(B4HHT^BY.@.JL MR<.<O=OKE.23!<.<=>M!F %!4.+8!@T.X^!L.O@A#VXE<1;2? S0DBANC\$OROGUZKE@K3!\$!<+J5EAO MA25#^ZL\$^!L8!DRT2(RTR2FAOV^*0SCAY)=9&HAZ^QO5L!HD.SBNE^A7!B5 MZEN!B!2#1PX" !7K(6+.;% <6VGY \$E9!7C4(GOKX^*M!1\$%N!<ND9!<0Q(UX) MV!1)..W!M!M2!P!<Z+U380!H!P!97X0V483!2VO!Q!DV <\$9R.M@<GX V MUGZ+85Q^B\$ ^Y\$> 19!QA6OFKNL^EO &53P\$X&= AOP M^!%+!K.6!J?XER0!<!OK(P^K^C^MP#^"43 K ^!ACX8!9A2E!R!V!R!02.O M74!DWU!Q?>E^US K>I^GLH4%W^"JZ^BC2.FEBVT2ZTU2EH1=E3!D_\$6 *OP8 MG&0<OP5NA!JB<OBF^#1)2DN%AE!)8TZUA>.\$39^Q6WT=FZ_FQ1.JB329=N

MS3<="OVY,&J8CTKKI6Z2%<C.YTl@LH_ZP2V.9C5QF&FJTJH5.K5^T)ED#>./\$^@#PL>".\C&:IL).JBI"&4K00_Y+*=-&J
MC@F=8L2OHBXN1<^E\$&VB/L1H^0V5.#NOI8J2/5#M_VYRAJHR\$7LJ8^643 MRO&+./@/#.P=JYFFLYSA_WS
GY:6I9>Q_D>#.^SWOUN5Y9R+8SJ2<Z.M.G>-FJTlABE"#V83>O1*0).2*1\$C2T4L2F.*=.J)MD52MP9^C.8VU<T.T".MYU*6GV5!8F
1&\$89VIG<+>)JERNMV.P>?>=/.0XXYJF\$ 46AKHW)(8U8M6.M.J FZK7XE& HVCIM>I EM)*148!4%23(7JIN.MG.*2!"I6PFFI&S_."PHV7"#U0=-
J)"N1AKI(UZ>U67>AL/^TO&JV^N1.MLBH.DA^VUVSJ)>2OXLO.N/XB?9X.ZO@Q.ER1A").JCWG^B9YPN!H&IL^53#_M<<8G.H(Z!E-
Q)NP1KQ@1L.1.)H=P2+70N.C4J^LERSD^5=-^XK.96.G.V/WXAHQ(.P3B.M.MX^<3!H^23M6.J3<\$2F46Z57>C6Z="SFWZ46Y5%&M6J4KK#FA^XMXE_D?>
MA&C!D&:SK4.(.&PAZT&."P09JIM(9<+!(TR.NN).<A.1Z+5(H\$X^WEI.7BF&_M#A<\$KD.Y.S2T.%MU#D^>&HEP0J!#&WYLT/>|F>
W>S1@W^W%.44ZJH@Q%GQJW.M.\$?G&L.(6!7Z%)QG">2MVL<@1R^E.1CD.O.S?Y2ZL@QER=)1#8(3)2^D.MIKUQ242W0^ETBS4CK".Q2S
(X^J@R<(/L!V1CDR_.R2MR^VKFHJ^JMF+V.MNG%<K2BZ.VUJDEJ@L/W1JN!5!0!R^V&\$KLY"=@XL.O^X9KNW8)!JNY.M!#JW@&D*=-B!J
+!^F9G6A+ C4Y.U^92SV@W!@0^!QONQ!&.E12)NO3<72B.MZL<G!8B)SL^Y7SZ3H^H^I2^!Q9".E1AIC<1.2\$."KN.F62+!VMAU..GV
M#5@U!:=5MUROM.7!H1TORP*W5YI5.%(&KZ^JBFY5.M+3BGIC9.MH=2%.WN+!^2FN!\$NCH^D1B/0BKR."JU:QJ.NER)8!@6\$7KU@O.L^".9V_A5AF.M-
U70AGH)H02%.(H.HEU.OC?>ZP!\$PBZOFD^>FR5=X.Y2IQV<5C4G<@.0!P9CEI9M@78@.M+20Q.10Q!H.9GVJ.LU."F.P!H97\$!(7!+GNF22S!F/*"
(&^TBE^H12%."X.M+&B2%34\$S2SJP!^J6_PLT.@+D_>2) 7@>1^!0KDYM1FU=HM)<JDLYLLW.M9W.FE2^D^MY34^!WKUDHEF^O8F?
(H+JJK.GPD0\$A!S_BTLE(R1H!Q!T8M^U..MSX\$&0.2N(RP^_LL7@U*3!(B80!2%SANJE_)/SN7E!D#8R?G?@^2\$YH!4C^7Y^!M.E6LE5S?
[G.TM.6G&.+!+DDRIH2%)J!:=.K9ZM7QB^_=.JDU?>.R#N^U!>3/=G!&*&I3N.M.NFRJE\$>7S!OD32^NHFIT^Z50\$S^OG.JCYISN"
F\$!)400*UGU\$&Y573<7.M12@&K)MZ+W!4CKB=O%N.MSINH0!D3Z^UUT.CJ@/I>+!CV.HA!H.E.8MO@YQ5R^M!A<I+B.W.0!.HP86I33ZUH
STS>=IL=>/ZZ!LE#&+JBJH!K#110K!@E!H@)M^6#W*\$B\$Y^&+FJL2N1.C<".O@X12#4B.FA*UHT.F5LO!>QTN^V9=Z..UYO;
MCE5A!13HA.46T^!8V(J.^N)2E6ZM>!7DVDH0L4!1)H5%FZ^!\$0.2E9MIHZE!&_HF<1\$@<(H_%.M9%Y4X)0-
HJRYQ&B=B^UB%J\$B>.>#F60+6!^CMLD!KQ.3(C%#^!<=27ND!M0X2.T3!D7.RP!258&!)@#%19LH!M^2.92XK9?222_!^%T4%X_!H%Z;
MCE6(L^"ZKIE4%(&FRV3^4<Z?>OT3C\$)<(7LG!J16H2!V1(H?2@&+8T^V!MSV.N^K@G/GFLY=1C!H!8!QGA!F7Z&K7I^XURUX_>I0G5%(X9.C.F)VQ:9=-*
MR\$GB9%-2.C=&^>+!+!%5G!&C.DGH0=ZMB/A=3UC)<3.(="JS^F.L^f.M&+!#O+V!+L@R^M!M^3F!S^_!2^&K!0!RZM!P.4Z4)!#9!49U!@R.8!
M!%R=U9A!12VS*6!T9CG3J!\$(&S^DIY^ODVB4E.K8.D^J7!>_N_..(&G<=<="17LP!)).G!@#5-J>A^C.T^!TPPOPOTNN13!_L
M%&V0?7=LP+!9NS(>*)B!XVXGKEWFO!+J)+!1HH^P@.VXI@OM!@I@K!@<!(W(MMA.4D_2?Q)">GE#%BHE@!AEE4RBY
SU@!X.WBOWB.V!AE7ZGSJ!6D5G@.MBB!1!#F1BE&T^R.M.1!@SPRTJ!@CMMW!AB7.F4!ODF3H@!<+!JCLIG@&X.Y.M^2XN!&6)@CFXQ!)>
+!NFBFCP+4<.!WOLDMXOIUFK.65!^9/7^)!^B^Z:.0.M6Y^XX&_V!BCP2*^J/4!14H!+S+>H.\$PN@+MBZ1HLH?..O64?PC%9!..B6.M=^/8
AP.V3JT^XO!@!HGM@&H.3DW@&SMJ..372^G!%5D!F70G+RLS!M%Z^5&_MB7H0J29AW+!3^XB^8L!D<^!8!4R1^!UG^!9&5U!3?N5!@A.V4W;=Z..6YZ%
MOB.G1K!T^*^7\$IBW9SOF7D+A4?F!&K.KEF5ML^G=^_!3=^P.SM#>=>^A.M6!\$9!B!@O!<P.V_?B*4&_D03!>=M+@!WS!^H&Y^>^K75
MF8!&10@0S!@>=C86;+4.CJ2T7IER>^>QNI^VHSRK.4.A4A.X^H..NMMP0.^>+!M06+M!^D1!H7A.ML3_!J<^*US&EO!G4BFDH=^!0@6=D4YX5B<.74
Q!8L:=RZ!""^U!T.B^!<+!"MG7!GK!)&WU6R^WG.<6\$8&0^8^WT^YZJ3@Y2VH=>0%2K9G!8@.H!&U!@C.MVA+C!H6B.E1M#281^COM"?D7>
(0ZGF.VY=^!M!<+^D!H!@!<W!P=K9!#R)FRR7@L40TJ6R^MVT^YVSVT4R.KAC.BAP<^TP.EP(RC^G7#ZV8!8^P.P.PZ^<+A+260_.RI
M2SXRBB@2!\$<+!%M!ZGSJ!9.XUAH80KQ!W^T_YYN>ONRMM+^K.O^E.^!JA.21^ZM7LG!>^!NS.MO^*WN/HW!&7SYE0XOK5.<^!2(!.8Z!&
7WM>.&^8Z=/_S3EX!@!03RY*=\$5&M.29\$6C6!5P6D5!B=S&9^!U.H_@4A"/<L^XEI+1.*2\$5!6M\$P^EQ!150@_MYR80WB!H3Y#_LND4AP3!^?;7;
H!DR>SG^B!\$A28=HU.GZE.2!13U9.KN^>=M/22<8V!QFD.G3H!A^*MF=I^YK!<^&ITF^Y^V!V.VID!1!#0_>W.2.F=^YS.^!X_#_N!^Q@!HP^DXS!S.AH?
^>^FL^!V^!<D5A)=K^?M=\$#M+!^MH7MS.7GH.XR.^!GB\$9MB.BVMN!X;^!T0!>BISM2^YCVPV!)%M?VC%_Q3J!+>D<6T.VNG9O!@UW^WX#9=TS7W;E
MUWNTN3!C08RL0!1.L9VW+!H#1+!+0.OP7L^&7T*^!&@!%0MVH!QK6PDGCGE.M!9!KE4.E6A.M#15+^F8+1M.U4KA
G2^M5(^>Z!09J7).K_@1+LK5D)(3H.M@!L.SS?U5<%\$0&PO(T^F%98IU5QK^*V!
MA@_E.^IV^>@&RD!@J^KKWAOD!@OE7D_5CG7^F&JFD4!&^560C.*E2!@.9^Q<6_5.NJ<M&H%E/>I^M^Y83)MS_=#^!\$!M436@@"!F.^8\$1L36/!
(&%L!YV^&W%&K(GK!>U^VRG+&BB&Y05^S7C^X!)U!N.N.EM088.M.M@/2C^GJ.E0+^ZE&2Z!X2_G!50\$E3M^W=.5%9B>=M^A2UEUM^*28W+
D\$@C\$>M!E<_!R!4XXN88STOL.D9H<35SR.*A.24\$RD^!H!M115X.^4M!&6.NFJ^N%\$%S!H!L!L!JS204JS^84"Y
M5!+!#H6C&9@.&E3J!K^!JOY.V4_@!CQ^*W8R8EHHK5^CNI\$!Q^*!4!6!0A.M!L.RP.*.R/F80!@2JM!V.^!Y>@Y0Y.MN&^!^?
T@VM)KKC<3<1!#:=TL4HX(O&P.M+5!LJY6XM^M^*4X!Q>^"MU.7Q04G>Q!EJZY4@X^8(G(N!57!Z!>6^"WO!Y%56/MD^A\$!<4!1?
LEG=*=.Z8!W3%1.57!51R^8!E!^YKE^".(92*+B.M!5!V!@Y!Z!Y!&YUA0HME40!^!U.+!\$G1!)!JL2?#R!M^929E!&_!P!<M!J<^*VT8
^>G!<)=&8CH1D8^!A!<8^A^2\$WOK.9.P&B.EH_!<".LL.%^\$PN0.MK.762Q@&\$A^0EG"!9!ACQ^X(A64IXZTF.M)D2!>5-
N^L_..BUV^#H7M!T8.CIG8^ST#N.LL^*KX_!2^!\$T^T^M1Z!58W+&^A!YD.H!8!&^J^V!+@.L239D&I^>YHW+!ICU3^OF^>R/AU7X+V%
M75090D.F8.M8.L2^O.O=V)N2.UE7H=4!Z08N=S.4U^RA3V!5H0.6!8>@+^N8(4)R=M!VFAF+!6UQ:AT!1MLT^3P>.(S^U^!J^\$+?
\$Z!U!..R?Q8PT4AFXS!Q^B!M.C.\$!6@&R!<JH\$^9)MRUB>L^5!M^K<^!&Y?
RMT!DN%HFYZ)OR=+5MH(9Q4^&9E)W9%AZ#!.5BP4BSNSLZ<6TZ7/M!794!T.#RR+4%OV6LS!G6C70\$!11!^:8+N\$9X-2*
M7^<^\$7=8!BAT!B-(A>Y7)SXY?H.C.LJUW6D!N80^<!(@%1.22KB4NEB!2^M!JFGU2NF2.X7!)@_<9%Y4U?87?U.WE^MB4.5R2&QOLH^7Q-
!MLEBT\$;7#M?L!D!02>WD@&AA"(N!<0&B.15N^W!>J2^L!U!0!&!)8N!Z!3CR.4MSD&!)9@>B?
M@Z=>A<5^&+H#Y^15J5=^!P!&HGE.^*K(G\$_.F!P/E<6@8)3EZPBKID0.C!MCMX!PUZNO:(J.MGHO.(P3.WBFDX!)S!8!\$H=M!F
!>5A<7!A7.Y!11.M5FOX_#0W#^O!&H3^C^!%!=4^A=UULK^Y3.8Q.U9?DQJ7!^\$8@Y(#2Q#^0Q5-&^)^E9^<_H6.M-
"AW;=ON!A)9MG2PF^#JB1"7^>T<V%&TW>^S.XOFBE^X+X).6#^!TKPH!W3.ME!H!FPC!J9#8(Q0^A.N29.5\$=IOYDQ/NA!2(&(00\$F?7?
JOPNR5^MHC!<#?2)W/C(D(NE^!ZGE@0@2^+M@=0#0DDBYZEA2#^7P"<M^XTM.5/H^%8#-W>3HCO/9O.FT=5NJKF!1AWJ.T!>AY?DO&F-
BB4XCDOVE^8.M9=H!J.FGXE!&73!H7Z3^FHOJ!@GO.GJ:=7FO+@H!EM.C#1TD0B07L<3.J.MC.LW\$ZB46H9T^_TV=28H%
8J@^BU/5YH!K.IV.H!^!9LBR:3Z4^T.M!#M!JN^S0M(6^*#5^Y+S.W6P2^!R^!@4.NH.L!1B&OKC!FTS1W4WEQ4%>LB.OA.X.3Z4=MCX!
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M!#AR=1Z?^A0Q^*FHP!&H^!&I2.^!A!C!SDP88.HZ!6!%!&F.5G&L0.M5Z!)0!9_K(G%>LE.S^T6_ZR!KO^C8V+^#A+CBDQ3!&##
DUM5>^7F?YES.MLB!R!S!GIR?VIEF5D!T!<=RY(ZMS25!CV&Y!)^/KRF1^<=DY>S!>S1@Y+^F.M^<^!67RE40&^0.KJL#W5=J^_<^
=W^<C.7^K_3JBCM3.L!OZ(SVWV#2@/(M.WVGI;Y93^3R\$Y@?W#(H!<H2Y4%?3FO70QO3L.MJVX0Y\$TJH!
+UDT^!Y<^ACCOOWM^NR^R3D26.E\$>N!^P!DA?^!D)GT0!3E.M!<E<4^5L0T0^!J78!B!X+X0^!4C&+V.QXA=X
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^!0.XQBYS>K+J^82\$K!^MOZQ!P20CQOJ!<ATN.MZ4V>YU!4+JLK?>AA(F!&Y!&2=F=M^J4Z8^T<+&@^BOQ\$M!P<N^D8A
4!<J!3@K^0H>..DO^BHL!H&H0_9T2.MX1TO!7EQ8-2?^BIU!0E)!NT?TU7GC&NYW@&8<=9FW!^!\$B4^AX>;E!H!F8R.M_@
!Z057D8Z5\$Q^SD!H.O?M2G&P^!&U.E6E.3N&^5.H6.Y!<0^!4!QK!&H!&M.9U?2C63GS!^DVZ<@5#
(OJ#<^D<(&7GK!PMSD^+H+^F^QVGI>^!D4@/76!&OE.M^K9>_7;=K#&8N58W\$?DJ>=5_Z6U9BH!^VF!\$<_!X.X.C\$04!^8Z1&^
!MAEB3\$EL(M^3^<D_UUPFOR+&@.M8!B!N!&S7\$Z!W4A9^L!>^V8.T^&C^&WNBBCBY+SQ80RM!6+M.G+04.R\$!FPU^_U!Q!X(2-
M!<#^!L.VC%+H>(8A9+LE+OE^!_HA_>K/Y.MPV\$^O=ML.HT\$ZPH!^FWHR4U^7DIK^I>3VA7.^WIFR.^&^!+^3VD11W3KC.M<+!
!PIS;9=Y+!N3D!F%>!\$VSSHO^7DPO<MNE^!<_5HO@W495S8(BVT!LDDPBYT^<4_U6:ZE^@*9TV!5L3M!QRF\$KMGY!M6@!4C!A
!D!2SD^Z4G!>9!IKX?K5#-72.3.ZO!^D!L\$T:=0WJTM^<J.MT^2G7^*7.PW53R.D5^6!<UI2!&N!&^FY^!76^E6^&6!H9/ZFY5>G7Q!4;
MPE!<^!AT.13Z!4>F+!L9!>!(EETUN!)V7BZ.6.6KL@N<X.X30?>#S^KG<=&MA.U!06W^!NSB4?1%_OY^7HERH^W.JV46V.T.1.R>!0@UMEL
SS.ON7.U6ZK^%M!J!A!^283H0^"JHYM>A.7Q+P/Z<2U^R47RLM?S!>T=YJ4^E0!P9Q^BY/YQ.MV7K)S.&Z.K63N?
Q\$^!G&O)OV&UDR!5!P9!H!THH.96%!EVX^P=^@3.AKMFO^M.MMD35>?Q(N6@H!1#&\$.E\$&X&(HWC5XV>I=U5DZ+7!>P5!(DH&H!)CEOXKE-
MKO.F)82_UOV\$XT4UY#_U!AH=7&R7M.=B.#.70Y=<C\$^MDYHHDV@9?0\$N6=AR3<@&RT<^TCL.G-"FBP8M73@4.=)N^Z9V\$V^DJ#_Y?!"
ME+UT!WN^X(%15J!7!6F^Y!A79/>^">+!A+9K@QB.YG44BWCAV^OK\$SYC\$M.6P!FRFT).6%T3;8JO%2%(URB^P!NNJ#>JR35^!&
M5A&S!ML=0<#18N<^9!<#7&N!GK2%%IEZ^!<^!<N^)!JYNPR7\$)\$^6L4\$V.M.2T"
!>^>AU7QUAGA>^>G^#%7Z!>NE9+FZIM9.2Y!%_A5006QV&_DOYQ^VH^M79*7_GXQ+%KY?&0H6E(6A6.=L.W!<
AY&_UKNTZ27^*..G\$^!&HEW(5\$PDRD!H6V^6E.CNLOYUQ!W.YH605^E9.B0!XN!V.G>M^&BF.ALE.G.Y4PQ!
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MEQ2\$^*UA^D.^0!<^&K\$7J!>@>2/Y\$KZS5^!\$&^J!T!>_!4G+9K<7!T6!4.M@!<92?>06KA3UN<%15;2VZUD^<(UW&4\$Q@>F.K#HE>
MB%V.5W^U^!&AG7\$3.2O!N:S.D0A.OY_=-64^BG2=J+^F@*\$=\$JHU^ZSNJ!.MKCS;P8!N!<C=Y.GPB")_8C.AB7G(W>T1.E@49QQ90XY<^!6
FIS2LKT!2.MK>44K\$#Y^8H6&S^RG83^PR!D(S&L.EES(q0HN^")Y0XDG^4^8!HJY?0;=+M.MSX!<^
P!>XA\$5KX084D!^*K7@94E8E2OBX.IZB!46B(C^2S.<+4VOM)VU^<@K2.M8C^>Z!M\$UBD94+^_NOYGTG&7^B8^O_>K^0AY?
!KOE+^SV\$^QB2EA^E.MW.6!P2WC_."PKBG^RLRV!&RHDH73R!RB6GVTYBOX!)Q+!>N8^"FK+^_VERZ.(\$3A^_@!U!PGV0!MH!
T^!JQ!+^=^!P\$@%MD!LQ.MSSH^*^O+Z!5+3>R!1D!<^!<^R!M^K^OX2KYYEH(^2.Z?#!P!TVPF?&ZK!7ZY^")MM#>=C^?3RFY?
A0!X9F!>7Z1Z!Z!F=FP^!&X!&V.O!&DGLF^7Z\$^*1.MA!MHBA(D^0B!YZG^L#(A2!&C3E^!&^<DP2<1!E
M!O!5^9LF!K!E)\$8!GT!A.M3VW.V!<C6!+>0!(HEK!1R.G?R8M0@Z&18S&_MBV<=HM#>FM!&C!JLZUR@K8&?D\$(>G!XK3L&7;
^B0=6.^!L!X!>_!<F!<^S1.MR=JGY+^F5B.N+68CX&7\$>VTD8.6>DWN32W!HGYWTF!7=BBV6_1(7UT.MR!U;=AGAX?9.5R!>V%7)>TC="!
!&3(77^_5OKLE?0.K1.!%77^2)!&#&M&RTP^X^TOPKU7)RU!<CYW^4S+^9THY.1JP_OZA\$(J0&^4=>DHXXK#@H.P.MNN0F?+!<O!
!4^!>ENEB:33X8X<Y92^!B.O^T^!O2^!B2^XG.OC^*Y0.M^H8HG^0%&%&^>LT^>N&B.E^HE\$19N.K!<^!H\$!EOQ!<X+?KO\$!IG95.M
#U+!2H1^<^!<B\$;_!<^<F.N^BV-ZVZ)3?)R.BJ>@OPF.K.BTU#<M.Y3.A^!T7G>2(NT2\$9JZO^IV^!1%^45B)<1AUI^2FYOE!Z)K!Z^UMWBG6M!+
MO&=>^!E8B3@<C\$!4>9G94ZOTFL94^HYG!^O2B\$^UA1<>1G.M4ZB%>X!^Q29J!B9E5\$S7#^"Y%>SD+!UB!U^4W!&GK.B3H!<X!&!

=H00(JK MYVDB/6""#FG7\$ 8= Z0UK<5X&·0""D)CHR19D2WEBO(X8!W=%\$S1Z97FHUC(
MD,J)"U29N4+TOGJ)UUI0X)33ROR@LADJVFTPS(,?6I8(+RXR3">?·M&+\$W#IM\$(H)1%2'·(:>)CR_BBHCVZ RR(C"v%
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V9[H])"4=9,+ ZT#·%TV7?J4T:P(O4>+! M(·D=UCP11NE@_7NO^VL^0K9>|2N_VTV7?;5IMJ-R1L-V1L+WF3/0,CN|0I1 MOY6<%^W(" U)
·#7SBKYGQJFNSQ*JG141*&"4<^V-T7/LH>OR%·#/D=(T# DB<·KJ!AQ70I/A M|I7@D55U:RFRP?NJ0^Z^+·7JQX|J5-
Z)DWRWZK5%I(JL):*B?·&V@>4G MMC^9ZW529|^·EK|>^S>BB=1HTA>MZP?)7VY;K|E/·,9N&2VUV0(Z5L,\$^=U M-8MG.W
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Y(XZH3N*F(6\$^N?G M_U,LEM)>9R|9>I?KE0Q9|EG9>·/GMCN^SPKL#%5UX#->65Z4_@J9E^DE274) MY=3YEV+28Y,PNK#14E73M>PN?
R|&I^Q"1:·T\$?R&FCBLGQ#9B&GS?"YVK1U MO)|U"90LE|N|)\$U5Z2K1·,ZDHE(Y0^FRB3L·"66,0(6!=- RZNW@*^DR
M\$Z^4D9&^0B@·SXP BDP>E;42QXGB_ GNYO|6#M5_X8NC9EAP?&|N|·9!K&W4UN8AIER·J·U·U0H&^K5ELM
M)AS2/EI6M=YMKR@LY) |N/7G XKU2·9XR|GK·L|(H*"M)Y)B
MK2Y*417!%@YQ:H%"2&I6N;N7)%)\$(LB3+·\$)VPKB4T·P(O):+4I+ORYD^T7X MBI8_B0>J4|G#5"@·
(S|(L|D5&GUH8VY"306KPN|2=5%,KBP|9M%BD^·^?*(1)D|·,SA|'P3KYR·,"|BO""R:5!%HP744IG6_MUG?E 2GLQ^Y?2QU-E)7K4!C9B7
5P_X0\$/^A&W7""H7EQBLA-N-A·Q0WY3K^V^L0\$VXZ\$MNJ·#?\$T9D|78S|21| M^TU7Y|L\$7WN8F^M_FCMF^ED|OGLD^="·OY·%A-
R#·5>HK01A>4X|D·6=|F7D M/|<=·RY5Y|KL<+·B_R3|I04G·#>|@OPY2H2H^H|·%*@DH8·C%·C·|P^SR·MBJYA100N^Z<)>-Z·:?
Bl·Y#A)|1+·#N3T%=L)FQ_M7G6H*8T%&>Z·-0_B)T0?H|/M^64Y?A_O=·,L#36FF)=|P:S)G>·I^MP|RM^/3·-O@V3^0^3W0
Y8:KN70^GY33D#UJ2W:7K?734^PJH6A?39>HUY^I7I_M>·M?2UEPME^|N9103ZIVLEZPB=9Q?D)X8|D<·@A16D\$70>*H·3F|T K7@9_N
M>75·2;FL^I^PHNB6C^@>EG|HC^·A8)DPB?+@U|C|ALDXT9&15=|T3&B_Z|_M3+|>S^/^+3JY+^5C·BV9|V|>·&MR#O^W_H|>·\$O26IBRD^V\$E
(UCIP42V|VRBKC6T_N7W9F>U|M)D9&KFFJ ML>GG\$)HVY;5MRRNO&GDC·%?Y|T+KX GF%@WS%ZBM2K^·NTB|6S
W1L_04^QDC73;O!·M·4HV1W9I9_M3FW@·%|IXI?0G%HN4:4|6TY9^E6@·E M#J4Z+2QVPI>TS#<·*)A8Z|H3D0_*6|(\$)^·70091>HN>T5C
9XQ^·N%5^=·MA<|AVY;R+Y(T3+·%·RPG|37|@L|&LUF|R7U+^*·@DDG8C%J|G19DPVAGI@1U MT0DX^·HL%·H|U4UVJV<%GP=
=<#2*%W)D|!·\$|XUZ_6RIWG2L74;E^+W&77N+< MR4U|FWG|IGWY_YR?LC·|ELR#QM>GDE
OB7;4H>Y^U4+S^K4P!="#·?6H^9·V1 (HP,D·?LJDA^XM,R65·0?Y?LCNO^ZEEA_>1YR,KIS3GDJQ6MZU4H MF6|+T+·(·
%WE·1HZVEFM&N1,E=8^0952DMN19·|Y|^JVL^TN443H)01TV MN?X7WJEO M=*SE|CY3JOS0|Y^4N^60S^M·NQ M^30@2_L3N_LZ4-
·,O_W|·R@I·2|0>·PB^*O3|%+WJ^K&KX3T@1KF35\$|0)|1DM7@8 MLQ%B^O·TF^5Y,J0))&·%M0IDNDLY(I-RA@!·T(HZS9I2#H|9:·-/:YO!
M_OXMNPCBC4H·\$%9H%4TR-MC774C&D|6UUX/DN=·Z;·#>U_E(102V= AYQTFQ·Y|H\$|7C·Y|IM_MZ4O^RS&H|84:53>9_WV6
I7U·|H·^XMYL8D^2#|T=7PA?XMO8B; V^HLS8W^M_AZ90|9AC51V0@&R^V|YL%=-,DC4_*+K+ P^%H|O)|K|H2C|8|E\$9^DU)YI
MKN9%V2SG90#=-&|HLY;4^?U_AQ\$5|7V·E^·G^X^|WYD3YW-P|·:7_EQQ9|70-I^M0FIM^|7B)E^&14
MYRPS|U/E/T)PS@Q\$O6ZG)S7S;PYNXHD?·+·+Q@X|<|·|YV\$6>8%C>SN!@ MLJ%G-5W8A8K6LX(^|?·
P|QJB·W|3|!KU|Z%F&K|G_HH4C4PS3-/ZFEEXKR1 M·/V·<0F·:~?PO·"BG_FK\$(^X|D@^*·CY^%0CZU&·C?J|I_O|=^*|4/-
/9|&B|1^YWN6GXGYW3L1·9U^5="^N^Y^JH^R|Z|J< " M·V=D>#&^&1K^%S|0^&R8|JTLTYK&|H|ZAN#9S7(T0,BR\$WBCYS|H-Q#&+KTI X?^M-
Y|_Q<·/;\$&^Q(^·KL|XX^Q^|L%·|·^C4|&E7|UNN1Z>H^·U^OUY^I4&^?V|O|>4,UW8C M<·W+X;3Z_59<<9^E-|E,+1)D6^BB#3·?
*3DIEY_5JU^~"?\$2\$3K5!|O|?EW MOARX·|H5IW81-P|^H4&XB78_L8F?4MV·Q=3TN6·O!\$!ZMR|2X8HCF^%WM
M+V·*MY=0TU6WN|7Y6Y^&")·Z·G·@F%0P\$M0JKFA<=I (L2RTM#OD^26PS MWQ^CLPG+@G,T?
C@TUSYJ^CP^?7Y+>YV>V9NS|Q·#·A|""HP&C_HL_08KQ M /#PNU&BC|Q·#&I&0W2Q)?NPS1S=Z·9E|0;%85-TLV^NZ)·% M93;F+9^#EI
M77HKF^3D=Q011Y1R·58>?90XQ^7FOVU·|CBGV_4UMX#GIN7Q+P|403K;GXE M44^~UG\$^CAKV^+MVALP
M5I|RO5T+64\$Z)41)JM·|E@·(·O·+C+O@LAE6/NZ3·/6F(9@K=KV0YW/5MP|C·C^1EQXO·FS,N%1· @IGOME7 M\$J&3V^C>·KUFMLX/S4_VG
I5F|+K^0+1A2NFC_#|)^+^*R6>D^~^*P%VTO|@R M^H9A< RZ;N|/·M9(2+K3W^8LW|C^|H_WHA|633)5^~·(BABU2I+TZY"
L>3>=,KHT=LVN^ZC2=0A_CLC5^+(-6C?K+&="RAYL^9^JLW_0I MG^SR GM)MXTVXJ5|·&6UL@)!F^T8VZSD2+I^IMA(T-?
M^/I+1%7<=>·>·@L|E^T|X|Y26G3>H|J+^HIP^Q5TN^|S4+SF|UMO M#T9^G2B6/5_N.FGUNK·J;6F#_|LR|H|H(·/Q<(10^R!\$+J|>W0Q·,Z
M^2KLU·A·1Y^DIBPEZ^/I\$9%|X6WRFY7=TEU?^T+43ZNMN·|RV MUZT6AV^P|4IK-
1@_J|4RB·1^K%M=6HL^9N6|Y^C2·%J|@A!""2PGK·#·H MN9+^*D|S^@L>B|6E I/S_·|H|W|N2='@4_KHJ MO·G7BEV9A|8TVA
C^T3DUT80?9^""XVY6T^EH7MO_5L77^H@_V=I1-LVTV M9ZU@|^?JW|T^C·\$|E4GIC\|C|JPN^N^XFD=)|B^4EHX\$97B·&?7|7^WN
MG40;ZY|P_XZCTY·K3U|W5H|>J&C40M(=NFD&ID=I_ZL8_X4|1H^0|W0160_M0V1S8|_GF43|J#&+G|4+U0|30;0;P(^9>IG2_Q?
M^K34^ME9CTV^F@V7|)2CHG-DL2SZMOP9,M|%)·M^T+·L·#P|>YCB|4Y_6U_M|D|&|^VRXX)>L2U|Y&=U6="M MS·^*
<@EA!·%O;5KRA)3·7·12(W_D*^5SOLH^+8M(VP=XQ9|W0PC/*4|D)·M_O4E4\$12-DPU)A|·|@^EH:|S<|D|RZIDX|9|^6;>O^OP|TC&·,9;3
M|5^SIT^7G+^NG·Y2G<LW^+@63=YA6·7D)^%N·4(O\$#0VZ9Q^92X9?·MW|E=@@77R-C3PC+306+L6+I^E-B26Z|U&683|FPRN|1DOM1@-
NN71X·JG^T MNWHONM9@WE|R_B=U50|·^K|!)A6P^+YM;F2G|4\$ZU_KZ1D3L<4TQ^VZYI^% M<9+G0S0^PB#4?
8K@;\$#|H0LB^MF2F50D+·B·1+2|&·@F+^JY|9|H|6D54I·MC0_1^4#&WA^N·^JHT^F)4@5Y\$&8-T\$XEDXK|9<4#D·7GV<|N?_1V?
M^GM5·^QZ6J))O4^EB^PYW|&Y_|G0&AR5G#|LL@G,PE ELEJ6^EYME·-4&\$9^!M&@Z%"MY^M%+\$Q^&#&MO,Y(5^OJ\$
M<52)3R6<+V(BEU(T·DT3_R&GA6^LGC·%8|@V RE|KG^1#|QP·D|+0·+0GP2_M0|O@AQ4=6N&V_A14RSFQ06HFF|HVA
^+GN·|BF/FP(8B2)·B_WQ6_A#I= MK^0ODW?320(·%U)5;VF47E_XTJ6U^"(5B@%Z^1HC/(49R/FBEL^O2S8D);3\$^#
M=HES="TSZGHT^RX·#N2LBK·JN|9+Z^#CNH|L>|A|L\$·SN^+2LMW|GKX4E_MH|9TXZ^HYRZ/H<·JP^90V888D+S(S^4DM6VW*
MZ4SVM^PFKFMQOK·V5OU|ZBX|DRJ4K·?^P?8SA&BPH|I=Y|N>N|@|\$WV9>' M7W^RK·PK^O0-
TX3|0=AQ|SMO|·@=X9L_2WE·^·*E57PXU+|S2VT0>·\$2D5+I M_3·|N|BKT·B|S^T|7GAEHL·(N<3\$9&=V=KS·P_^TH(T&5M|6·|K|EG1-
^|TF8<·#55P^|WS MMB·+I6D#)B^A|PC^4DW815DR|WY54WPS·,;·P|EE4D<+9|UY=VOLGL^="9;
MAB7Z;|H90(QXXQ)0&S1EY>WRK·|X·!&+SD^SGEO6H^EG&|·\$·WHXLT78_0@ M\$D65DZ\$ZLN20&P·H4|99>|H|WYH^8-
GNBRC+Q@1K#10H;|·"02L594A; (·%O; MH,2D4(S2|6_Z=DH|I2EC5RRW_MZ_4#-WYH7."8J;01#9R.)OKP=##|W|^)M0EY·|H3^-|Y?
CK^P1^|LU|_7S MB>#·2NXW@#R|XAI<1_ \$|?P3^)|0H^YMW^MUQ|C>6V6;I6R·SIM6B;AUIS M6(KUFBY0KYJLZ_C21PXAD·P1;C0?
J@·C7^3VTR_RKH;&2_71_1030V2_M|H#BK?3^H^|9X;HA|RK6+4ZS7U+|@5%UHJ_ NG>N·(\$P·*>H;9#%C|P M2J6F,U\$^<?
QEA|·JW98H|H(28FYXMA·C^~8)7IZ+8M^HXR<7^H|9T M·(*6|0;7B2BW^| (UQ&2:IQZS)E|H^NTI2)TK^&E7YOE^=GO>|EPL
M|GZQ66/L|_16N_*\$?W;3A_YNNM01|\$HM|_JWK@O_9=>P>|7U%XZ·^NE(B3X_483JRC|YE<_1.9Y+K\$Q|^L0.MO9IY;>)5!4UGQC=
M|H%|H(|&OSDP?·3.1_4DQ|V9|HM|K01_5=1HQ·/X;0·*@&|"RPH|P^/LGR M=3|·<->4_R|O·*05K_Q2W·
ME·|·BH^2XWCI\$·N|Z+|JRACC^J9C3L|)5.1 M·P|&2R(7P^A6F#C6/Y14BV\$+Y4UU>;|S|<·>4#J_P""A2>>(70&A4S)/W
M(UU@A6S7K|ZIGU·4X)M<9F^VTVY""G·*69<+|KBE/F·O@·#I^0#TB<==
M·RG3NR=R8.OK_4H#|)FRK^T8_L#V=·2V6Q|VSYGO|·%·#|J=XWA1_K7+R_M23(\$1DPZ0G?)ON7BPW%|QD|/·_6X&KF1EH|KF>M2#|AI
M26|I+AVG>·|@4L^13_R|@+&N+U>E·|C·Z·V|Y|J8VH|M^%O#H|4OZF_M:8>@?&9K|·XCUYUT^36D2P8^5UD6Q_K2+V|9)FF+L3P
SB\$RR_M|+ZK/·NA@·CY);>|Q3K^>JEO1=ED04VQT^>C56HFNFU7^J20I21K^I^4P5?T·2;PKU_D@|^|CM#%&7^@C·="|H|H
K·|V^64^G|PYO MG·9VW·|H@E(F>AQ9|HY_ZT|O_Q?XAB6T·Y7H|R·@H/RH=4K6@TF·@B M#·-HB#5WB87|AY|Y·MQ6Z|)·2KF\$XIU?1
MU#|X@|H|^>E^GON^I6XZ^EA@HHRO;KRV2R^DAG·|Y M95·BL|YV|\$:7+/-=87^G^6VWZ|4LRJ;?#)·^3L&=9V·(^H_O|PK@·IM%HP
M;6B1?^E2B)|@|&@|ZL|^XO)N4KAH-ROZA)OW=^CE(ZEP\$MPQW7^·;@142P_M|7_*\$|HK|D^FX&5;G4^%L|J|1R%=>9PF|60_!K#(Z&L?
TLIDT^4_58UX M·>RU|^55)@_6T·QF>(TVI2W·SE#4NK(6|+|(PX)·C=HNNY^786B|A|MAN?|I= M@9^2_*20JL-
/AJCA2)^VK&NB_EJ53%·+E#|+BGD\$VYSRX|BKVE·*>T|I2) M_S9WX\$·7.D>A90^3DGYF4_XTF0?
*C^BE_Y8^E\$N@FWS8·6R^*|G@>C#| MBKF6-LHMU\$K^FD9P·DC|GY9>9F9I^|7TY8E/C·8V·3=2(10|JZ)8|8R·V
M03=33@)B3JU^UIH#A·E6ORN|H@W7|6#U|>H&#S7GEF^3DVLV^Y|_M|OG^·09YF\$^NLT@?_H_J2 MOA?A?B@""@L365I9L01X(?
>)K+FL3@·US^>C9J|K5Q\$?2^02)_Z_W4|~*|MZ9WA2LQJ>DFE^9TXG28^P|+^%9C%TX;1·7^12Q|V
MX_M05VE3X>|POGTAE|^3(|S|J·#&+9XN)\$·-WWS>(Z07?·\$H@>^%6\$M?H|A_MZ>D<2K|J5R#C_HB=S+L^Z)O@=M#K|J)2W=5?
^FG0T|OH|L^P\$S^Y6G0 M^1+2|&P8|HMRU^PD20UN5ALW·6I6\$?08Z·|CTKAZ>7G?H2146I0^|Z·' M/\$-AE\$=?Q
/R=|X@Q2|>^I8EP=4Y^E0%>C M_C|GX>4@·2F·#54EW>·"\$LHE|·^R3DCY|B/·+·K=7F>#·C9AAS@ZW^G^Q^KL\$G/1^9PEJ5=^*E7)
M|&MU42B_OYF^·H2B6^H%·GOMN^M|V2D|@08·S#16(|Y9+*5MC|<·YWIRI M)+1<03#^I09S^Y|PFH|40ORT_7|&5U\$&5I9GT932H(2?
CZ)|4JC@·@DE_M06DWW^MUVS|7V?Z^#^TLN6WX^7^RJ|7|3|@<S>^|9>=ARP5T22^2|<·H_MZZOU\$JF83B&(>#|>P^1Z24A_>I^#N·*=
<5WZ2FH>|A|G&|·V·K\$R2A9\$3_909DN^65^454BBY^?Z|R M|B|B^ZHB>Z?MA_M K·@G43C^X_HG;1YKMP0%KVJ2|>|<H|H18V=K3++^
L2J+%=I7J|\$514+T6AH3·;~6KR·|_#|TL?^\$U650?0!^8_#N<5^PUI NT6= MC4AM+X+·|10(K|G|H^·
*M|·|3^24T|@*M|S|C_G1L>3)/U(G3L|RH|R&Y M·|H^|JZ|&N(W#0+^%CS3|@_9·+EGS·#2YF^B_UNEY)HR_*F+Z)9_P\$|H=K
MN)·Q_0(LA\$&^T4@X@CU9^R^|FM^*5XG_O09BZ@HKO|X)|944M|)S| M+H=\$B·C^V)|W@Y<5|C7?S|J^N+>C·XL0
HN1·S_8HS^·A2|@|Z M|)QEHV9^FM^ONYW4F·C|10W>25;5^Y·44U)=J·V_K(R|V>B&MN^2S4K2H_MJ_U4E^R/C_20J^·0TB·
^17INN|UUA^EY=J^55)OMIT6_KD|+I@K\$Q·+·M·(>>/%M8_|D^PT N(N;R="B5|DG\$·OL|^+·0;S1)&I·|D8T&&>SN>*^A
M7|9/<=>3HW_HWF/PYA2_BH)_D52BV^W^·&·@#EK4L?@B_DW3WQ<2NQ| M+^T|I)K|C^TK W·CX
|B8_7.BTGOMA^7NEJ\$@|CZGH<|I4P)2&(B_·/IV4 M+|^1^*L_5+?F0L|H0_HME2TW;H3&^I?·^H^|H5GABIA·DY<@OP1I+0=?YI

MW>RJ#14H8G/Z@1HG67 75%NX&G-G?H1K@/:O.XPSSNG=L\N>2Q_UA#B49 MH6RE0.DD\Y&H>I>+@f:18^L2N#7M6YB'KHUUV0B-J
X9="1,~X9G,Y.=1R:5 M2LKP%/"7BE8@17^8BGJFKO)K,K?QOB8X5W;7BXQ.B&F=-M&@;MECC M-S\$)YKRC,"T.DO)9"-
MH9>ZVCf@:1H34-C1EZ#1H1-G?#-Q/?T.CC#- M0@/812.7F314(XDZL%Gf%=-#7KC=VSP117AC?T%O7HX 2HFS>F0F-7
MC;Y>1.&/7~19F,>.-f>KDO"A1#B N0^3#31%JQ=PB 461Y5LY=HE\H+JM6G2B#E=8PSQ:12_9G,6=-
MPCEA:JF"Q001YQB,^8.SRPDW8^1H@L1E8N46YFf:FL%4.6C236IGD61X M3OH<GC=~/TJM/1^25Y.SRB*L(R\$;7\$A0B\$ M?MH3?
M(EIM=9(^ M2S67.9fOUNN6.;& OZXK12.T^4A0XX ^RU%B67S^X^W_149;=6149)R^1G& M0T^#X:H^MBWIS>#1(113:1BX+Z6<
-7HNIY.6.HNI Y<6%EO=07NE1)26/35 M9(HXJY&DKY)H^Y9./A6TE.U1^H2>>\$6RMQOTD31MAWZH\$51H;=ZK63U0
M.;_S;^U^7T^QfV(:I@:ATU&E).KRJB#V\$WPO/&J4\KY&.9IOX/CGMO9f M 69M!^AK\!:(fW^L>_Z1^&YP KG=L08!
DOU12S3@U*:.088.E1^J6INDM M7(R1GCL1/81M1N_002D<+YICE07L2_-# KW2(fVY1D_*BQ:=M+-^IRX >+^
ML3JY<%NfS:OQL3fUBJ0<#*#& ?IRIK.Y4AT&KZQ2(O@8?Q:5G_2CSD.)BSJ M2D0#JF%PE&B\$NCT@f2\$3:HAE^9C/U^J(O)-?>f6E\A\& K)
fUG3C^C15H M581) +.V/=E6YGXf2 fVVG51?)#V.F<G^DMV4@ (AKN^#JFK1ZD9-f00 MF^OE9@.^6T>06:~\$HXP%15^6^+LG;C1?P1G1D
PQ9/HST:8^D>8.6>#9VS?#Z?+.(#V^S#L.LPIW; MK;/GDG6@*(?/RS?G?=-fK @178U25K!+!\$!%1_KfG=1T
)^*W&C2A@7#):\$H.KM/6VYWHY3.1FD\$9%OO%LOI M;HJXU^H.P6D\$W1*4^ FG^Y^"(7\$+6.LFB15A^DESNUP:4^9.Y.P=LOG^KM,B&
M1^_f>L14J@+f.1/f7HC<fJNCVX1N)J)REP.TBD+2X2..C3F.3DST7K M#0BBA#ZR_UQ.UE VVCMD^0Z7)KKH\$?
7#36EZJBLZ1XJ@8R^fL;T4 M-E<fLZG3MPS(61& OW\$;L2fL_&6+JQ7O107E513.LV MY1.<6R9T8>3KESHXT7DA;^*^1DZD"P?
Q@@NP8%1/&^\$27;^R_97fY)Y MOKDB8EK.fTX^G^XB?B?2TEL#1J-Q_ E+B%K 1#L21OOP+(#O1&#(C1^+Q M1?O6:BW2J3U5)T:3W%
(1+>fX1(6_%C^."GY1?+GM1Z;_-\$^J%PB0G1Y M)G:RV;.)N=OM/+:=&_%K>H#&@PE+##@7RF0R^7%1A7#8:1QTDW<R-*O:
M13_N0.C\$OT7/TU@O9V5%<O1D3Y3YNVR80UY.#J.FH+4^fB^SO+EB@fO=-37R^QJ&6N^H@)0 S1=&#(1=4NP-HIQBV:5(O_*.5;U.3
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\$)AK=%M8D+8;fN;_J M65<fJ#^NX51=TFNHA5ZLG6L?@18Z3f1+=N*3.Z^GINB:92:8^DGK;f%
MTYH/#!^J/Q@%4%1442<.OEN@K>@ "R\$ZB_.DAS+V_9.XH.1f6 M-(BCE96N5X)KK^MUJ^K D^Y V<+1P=XfC6JU\$fLO/N/QN!HH&W+YH-
S;X MI&f(VW@VA-JK:7GMU>+^W14B&fKHTW=609CLfW:12:273K@12Z1 MA80:f+ 8F fKX&A@**M1-
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M5J4WCROIA.%C= _UGTF^OXF53^<OV^H1^A+EZ^CZJ17_GPOf&96S0^f)S74M_9 @IQ9ADSB(SZTG1K:BE=Y.M11L M4A2#G
)^<@fV7R)=<KS^1824 _U^=7%>)XU^18DP?^Z5@D9fHf09Q^19P2D MGV?_J^C80D@%P^4-O.E.P=+A@TX?^?
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/DF\$2AP7^WZHRXU^3R4S<_WMR\$4P^ M;8fVRCW1%/_f7G21^PV882f Q&5((A 2A8UMMS>M_1&4Z.%fDEEJW_7ACK; M>7\$Y4GW?fZ-
^A#<L@)PAPV^U2^MH^D^9fZ/MF0f M0L^%S>BR:16NC-T-Q^XfKfTS2fE_KfP8M72RK&A5fH:WD6D#>KVHU@O^P.19 M:M55<-
YDZf=K1?^fJN^7GR^fCf60AFAK^8HR\$B^f)=#140.Q8Z= ME&YZO8_.B:05.2>B^fB^W7Z_.RfJ
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Wf^"fL08^f6\$K2OV-T&UCSH)fC5@W5f\$TM+=/f32 M:2PM53HM^Z?)#J<76YB(N;2-R5ELL9DL2/Hf+>-BRD688>_U.DKS"-O;
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M.VHNF&F.O.L^R4 P4;E2_fH05%BfLUA)<^D)\$*^NKfU^W50H;KD2f^K_N MP^f4?R_@X_""@4WWUP5+Df)=.fLZfI
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f_*f>V3OB_5PNfM9fXLf)fL=<M^fO1f_/_f1^fHf8X\$<8Xf2EL(=ALV^W_f1f7=8 M^YfWf1AP>#RZ2^f)P_<f1ASGUKf#ZU00
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^Q;X\$7&R&?8OSNIU(fY7;-<6-22^V74R!M;R;XG4Q!PZ-B#N7R!Z \$8E!4ZKWC(M+I)/AH!XV!#E&WWNT?B4K0UZ1(Q4
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JBO829;.&\$ E@^H0G2=((F;@WHDP;HA M)33A%?2((T^**2)\$6D;@^EE@ M!RE(HJ2(5.C7Z>2;^XD9L\$*BM-
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B;Y+&CN+R!^IQ(Z>UZ5;52#84+GRPB05057^9\$1&7@2L5J;K!+Z!>- T+&WRV+?(PV7E=X5&O44K&00^!A=^5-XMJ
MQ;NU(NM6<^%T9 6YZEB9W0^LK!FU9^5V!H6ZMR+05?K?PN +&N!4BO!>8<Y< MO%MDU!P!_Z?/3<2)(fWB!O:5GY7;+Q;Y-
4!OUOX78GCW2^OQMCO4B!>?)J!MA=^5T>^f9V72Q!M?6?BTKOR!HJRWJT7?);7!Q9^5JYXMY^7DVU\$027PIK;TOG^MZ;69MW=!?
L5@V!^!"(L6SBZW;0!>#YD/F\$8!f93;O&9R?3!\$U".TOT3Z= M+!>.T?1%-G-6ZD2HV4%HMU<_D1-3\$6&IB^U=<3P)C%0^Q>;PBR=D;GB6#
MD!M515FH+8/5;#N;S9!FW0L-A@/X!/?AGQ^!6NL^P@5@N6-FW^OM!WL+L!M-H-GLN^46N!@BG0A9AV!JM="Q^E\$E!|
<fGK0JH(==A?^!O+<48B!9Y1\$X M^O!PD+>GRB.P=0!N=3G!^fTOXF!^!AU9M;B)WP&#C_^/002^+W60-\$0GB
MYYH0R!>XR@4W1V#5(RCH^;4HL+K0FTHOAZPY0\$X_99\$W+7L#!)T^!L
MB@>7.60CV&W3%W8OVYF\$&L;3HN\$!F#=#RV!M&^ALD9^GG;L%.* @%;.HWX>HS MFR%LTYZ^IDMYAN362P=X=@A7EX\$%HE!+!^O^;
%BRI&D/!;6.57TC;"C 0 MD!H53!>-"HLEZQ>^fH!0;U@+!9VONT;MK!CQ^G8TP^f!f0Q19;<9G^7\$3? BB020fV6>8+51#9CH7A!3JP<f!
MIU^#54XDA#H=H!18#63!S^K4!7W/9XHX/G818W%G;KOA!L^>f58R&f5!3;fZ\$VWEX!)T!^fEB+22NG+/!H9^NVP5-DELD M1?
fR8=^H^Hf!>D.BKE=^*+!^8^78-P;4O!3N^8.6#DS_(!=FO&(<9AY M7A^TDV>2)@!^=5H)K 8@;Y^XQ^P^HTB\$F!
fULK@5W RPVT=.0%;ES1P&.# MP+!>^&Y!74!VWA>W^F">fAQL!E!MA%UYB^P9X(N?2.KBU_0!@<8W& MIMLA!f!PX%9XR(N=W!%1&6Y-
B+R0!^5JX=;\$^#1=8A+D3+K(PB08!9%M=V!3 MUW84#&W JCEWF?)fEWFL^!AM;Y-4ERT_"A74#MF)!^O88VY6%V9X8!6> MF;^L;Wf-
&>?99%&^HH96(U;LRFV8;J&S RC428A;3*%J@MDNB MJ+IL<.<\$X5;KV.P^9ZG3=OU=O=fE@=fNQ&^89&4_W8OZY!^?
W**MM7!S+X^Z27MSL89^R^R MHP6;DN 5GG %YS.ODM^%Y+V!;f!AH-B(\$L\$ YGJA!^fC&XA6!H2^fJ)=^R MD4>>H?T3-
06!%O^N!^6MDZR;^OPJAAUQC>GOV)Q!VTY;H2)2MR4!^>M0A;EE^ZOM04A=)27";.\$)H2=N<N!)000^M83B^F#DZ;WH62;f;M# M
f^15? 28\$^f@Y!;"UfCk4P0Gx!2_S\$%KJX(!^2!JS\$5^~37\$HQ KYHCNP M&0!%6%?;
4NKZ\$@^*2+;^E%AlDA7QO!4AU/^NWf!B;^4AY?U30@M;EYA6 MP.G+&PK50AH!8!_8\$;^T^f76.2^~6;87XfL5 \$<^A^K!&@)W;E; 28:f
MF(#?/A%!V_G!AWE_ X&1JNQ!MN^=2(D;RNO%&CCL@Q6+;^*+>=2XB?5;=<8^0=^<C;2(C>D^MH!4R^8C9)@!f@fZ!Z=+!^G;>+f!
M5M72LGO^O^PD>^;HRC!CSB&)FW=2W(N4TN^UJK!05Q!;@D5S%0%Q!T2+ M906D!2W!60!L0;V.O!^fO!^M!_U6274H2DL0!>LRLQ7J29?<
UQ94!H00MV4 M;NIW0;B;9!JRCELJ5RZDU&HJGEX6WV/fXY!C!T(<\$NM;GA.P!>^*!5<220 M3BJO^BR5RTH^Z3Q!334Y^<VDV?
PLW;^M4V RE?AC0!>SOC6BH!_L0@A-&5>=M#4S!BZ^HJ29^*T3Z;K8;ZH!R#^009(_R!@!f!U!U?1>59B2G4_Q^*FCB3M
M#F;#;.&JZ=N\$0(f=W!&L!M!%!WO;/UNVPF!>A.; YU^f!XMH5K5S_ _fMBJ!S!P<^&UOH<%@7C!DLR20OC^9K;/fW/A#OI?
1GD!>N_9MA!MKP!>F!>H;L!M/2!T!ND;#;X!UK^%KMTfV!7%ZW;Y2=ZFU5WY_CGZ6_B4_>W!X/C=3D_D^T6V;O^BHC)S!0
M5%R;3.9!V1^!3V15VL!_#>UXZKA#D4D!5/F!8^6H?T!>E5D.T634<^4.W
M<fSM78_40^FOU!Y!>YK^"3S(8FCV(O+0f!H02>WV^<^VY%LA!T2TY!ZR0F9F+&GY-MO M!F@+3N!RU=H5)@R;?H!W(G-SVQVM-LZ
;fNMUNXS!DN!fO.F)5&_B@<^*D=WI^Z>+HY.S# M3S!T6HWP2%T>EH_/fF3J4KB\$5;P!P^B\$!f9LM)9C!UCRZELC)(Q_-fCV
M;5B^6N00&S^U52Z21!>Z?>6MG=W_U@6/L^S_T!W@3F6F!S;2>#K!>=MACFG1K>fTVFR!Y!H;VL;C(
MB%S!&R&=>N<^3!9(ERS2^fIWB4&VV&^*#OC4Y4/A0GQF)8^?#Q>D!0X!BS98(<!!(56GDK.C%293(9T&N26!G&)R3MH9
MBV3RBD^>G>Mf;S0@#&QJ+D!U(HZ5C8L;8CF&P.O;SKYB;5#P2KN!^>G9^E2 MPA(E;D_?FR!HP03=&GE?
KK<^UTR!>6+0L2BA_LR7X7^+S!VO\$Y!D4!4# M_0RFFOV/0GDWZ+8+2!D91^5@f\$RH8L\$;H&JA>V-@&C%B6P;4#^>&=>WP^V
MPHJ!H0HQD26A^%&H\$2&_EH^9ASP9!8N!%(M9FZ;81~N8PDMQ2;@T7HP48 MNMJ3)5?_MTA!Z(f!HLVW62?2f!H.N
5C\$D3BNF)^9;KN299T);"M !%-1 M\$^<^R!;UH)4!0@6RY!5;_/R=P!\$!K_(!1^*V&>CF)%H^V4^0#>Z&D/OX4\$;~6!9N_2%<f!<@<\$
M@%>62BA^@L!R;3Y4!>AQ3E00^?@&X^P!>1L1EB!B^252HCZ!HPST^E0&.M.^5(GWTPW!_9C^AIT2^P!_X M!f26D75+>C9ASIZ74UH7;
8Z;^H3-KB&DX!>X_H!R<#&.&\$^A45\$;Y MI0R^>P^>F4Q08;fH!_7!L_A!^fY^YF2;4)KR#>T\$N^ONLNIY5NC!H2!JXEVM^P&f(H6!DL!3^O-
f!E9!S>^*20K0P\$;ZB-0B&f\$X%03C^Y^YH?>PTWR MLLfQ.0RMH^f54W0Z!R!C!PGYfH!B>/_;GP6B;fE9EQN/X4AF^#;DOL(3
M6ZOD4T0 LQ_?680H!fU(PU6#N7A5UL@ MB&^+8D5>.6MYL?E^M-VLEW_TW&V7V.W!@WBNS.YMUNY!4!LB!f2.RV=M_J
M4UGG;3+>0WM68;5^6B@97PEYCO!@%RX0!WDDG;NDW7O/OJ2Z=YUGV;U=V< MWQ!D1@>UC15 W^"H;7YFM>EK!R^>S8W;5DI^A=?
BFM<fRK 4AM/?#FVMO! MP;7!/^!+PO.M3?YO#;Q+3)?9W)E96YL86YD+FAE>U;35/C!^f!
M4!5_4^5HJ#D^"UAX!^5^SPO8+>.0R!HEN)UD^2!)>E?O!JVRG3@A0A! M8^8#B&V!75+>J_fM>+6E!Z?%>WUM=;7LZ-3_ _HK!4Y!UR/
M6!>7!U;9>?KQ>FG6!J5;f^=fM^QCDC!LDL8LAN=RC(7!P MYN^0!>OTA6HR;MHX9!NW7!fHHNWC;CV7^W=;FZPW?
=\$!S;V!G>;=6T>WK M%1K!J\$+/_UR!C0B4_<G=0+&B41\$W FM6#ABK@?LV@>@5B3Z7!+>0+^_BMZL\$ M6X%97^MGQF9<.>8TFHHR(YQ
A!NHQY776!P6;WF<1;W.M;V= @V!RKf^Y MWUTZ^%S;^5N2D M#&@E(BY+KYWNUX!XT>JRI^!>S!R;S 0_06>)ZPK!O&3>(2SG^<WUM
MD F^?>8FQ3Y;?Q\$M?C<2A+5.A#UE);Z2!3HF5; #0!KMYGA!6)X!A=U!TVfTYA8W\$!X6>Q!K^%IA!10
MC@N%N6D7\$;N5!LPZ!B#%6\$2;S9BB^*S FGL&B83H6/HH=^@P8^K^6FQ!U M2?D=^ fM^B0!B=09.2.E 9@2-AHBS^9@JHR=
(7S;LB;C^?8?D Y#%; M0A-(A97 /?*&PO5P@K;/ 9ZLT!A!>\$W\$.SW<>UP4GWC&R_#>XG/OY!0GL&2L M
R8!fOBTKO&Qf3P7^L&@E!L)5!\$RBW%;1%5E>P^f!^ UD=0\$X)YU); %M@MQ&87FD!P0\$ M>&fPQ(Z;S@ QN^!L#ZL8RM0?
ARJ@>8)H9!4#&CN&5;HB0+U09M MZ(G S(;. M6^U!S)WW;K0B!MP@f!ED8L?G.#7#9)8\$B_PUJL5GP2T!73&^?>(V8^U.8.HD-MH2%<
<^>30_!LAE457-X;^<0!^f\$^>PA2K2R6OGF+D>+>X4!XA86C!P-&M+HW%R8&DFD@8!LPW&K%*
<%QBUPA98XWN!S\$)2.1(H^*0@HW(A\$TSRS1TV7 M(S-GUE33BK+W>?2^F%_PS+2XJ^2;(LB#;^>_QNZ!0BTDD^#X!^!#3;^<
MR4G@3Y4PE;W3X^D@1fP!@L;EYf/G(012!>(ZFAO@fM!953V69POD@fQROM#V MD>.&.)MKN5#G;G'S2^2!fBX-5^ADCQ?>+*P+
(\$!BR?>?CHQH<^?4?L<N^W M#>X^Y!BBT!0C^>fDX?H?4&!)F&BHR@S!)^>\$)@=;M7683!Z3<^!+Y>>83^ M-N;U3Y!>L&-\$
GfL^>(BH!0_>=^E!L^%fHD^!V!M^HNCK&0.03TM^<8!4.6)2
MW(\$LSH!fV@<_MC)/4.15^HY!A3%;@7RGT2UDCS<fOA%JYW1;W^N4)0CC)SGX
MR!\$!36!>^3^=04+BELF4@RF>OF!>OH!VL>+GX;^N#292FT!EV21@fUF> M@>fZ6D6_31<38!X%A1.&S062_X&4N%J8+X^"(19W^2-
DL1LSA/Y.Bf!H;WX7/^!ZOH=5AB M;(0&B!SP8!>QYWM^D^Y^!&f!&6 R!fHWBW^<^>!)D^TK!4!>GPy!%WO!fX>GB!?
T^A)P_65WEDK;YV5;f!)TZ!PMU>O MK;MS^>^GT^QMS^@fDU_M!N5G7!;C/_!O_XVKKOHE5-
\$fHN9D!GZ>8PS7>PZU^*F6Q5\$RW8H;00QMIZ JY M^T;0.KWE<@C6U!V!P9UL^&W^*7Y-C^V)N.%fN\$!S H_-I>=TfT5Z?T&9 M#^fL="(?
(4!#NHQJAMKPF(;<"4AV(-\$>^;RY!G3!BAV^A^&>fYBL4!)P MD>LUH7."R8-&\$4.PY+;.<25%SRVS =.(EY^V8G<^<O34)CE fNV!_)\$Y;
MFC^>G;JQ>fY^P8?;IC/K&2B-IAP T4H!M!705fMR;^fFL!D!>V@>0T>8f5@ MEK^;8H!+@5WSN1\$(O5!>A!>Q@>Q%L#6;4STQ^V&S!L@6W;HJ

ONC\SN:4 M^,OJG7*G*Q<^THA36MX\A(506TYH5TI\$7&X)56=*5_IKV)#.1^17^,MIHF^S=CLAO@ADH&+IV+W-2H^3U+=^XRV2-
E@96CJJOR+VVV(4)*O/A,C>=*)YJ3\NB7M:E3NDK#&NTJ<<9SRD(TA\$FQ M)1?O.Z1^_H(GC#V)/5 F+@U6JSGLR6U^>.^Y3CM>3^?PX?
K;3>QZ9O)JZ-MKT80*V4,H=*)E2?TMDXO1^N^3#K#7^I7 D>=^MTC@-VYMK-WDIF9BE7,R'
M_Q1K:90SOI^*#2\$MQIV^_0J\I+^GY9)^.2+OW=/_B_@P/I@KR_(?Q?)OOD MN_30Q4PMS\8^ISF^/JEB=A_)G\BZ_-JK^IVJ_:9HM102P,\$%
@MKH_6:IS5(I^P^*L^H^E83_R,3\$Q,S4P,65X,S(M,E)G3,T#^,G^4M_MM1A\W>J^=KOL:6IZ_,&_S:O>B94T0^BYF0&?HYC##3I
G4J9=4,6K\^MS6_",EU_5^_\$.1;7<@C5UIV^PT;29X%MZI/DV,<[8FXX7CPD/N(!O\W MNE,"O3YAP,9Y-GH1#E"E
U9U6=4,M>=\$Q*YGA2D^P_Y_@K:6D<^8@^LN&=2W_MW6U,5JA/6D35,M^YP63\HPBQI[#\$1LZH167^#9,1TQBWKY\%+BKUR:AL5M\I
MUSTE,P=)Z7FMR(G/G;-RWXU-ET9IUC)WJ#^_1^DE4,.#=8\$)B-H M!\$UK\#16^V8)RZ@VN!S8/9\;@=!
IVX\|DAN,8&.8H7H^*L)F^Y8M^,CEUEZL M\^?X1YG4,Q3G@T:4PB,U,ARD\$FK+*GX=TCWJ00W\!=/\$A=B!
MINH\T2GA2NF4DK1_A5CIDO>J5;V,B,*&A8284\JM^_4\$;^T9^7 B^*M)* M<N(2V!"\$"
*8G3F&\$UQC2I\OY6+1%Y^AZ%TFHN91A\@6 MFAL^7JM^L,\$2)EKI3>N%Y^3PN^7M:T1U2UQB7_)^6\$K;+^=E9X3^YGT,
MJ/6)CZ^CCV9SP_K^R=|X%)K^K\I9@2\TA^J M=JB\$8%F,I(f=WSGEC.^Y=X<\$O\O#^S)OZ+^1F,?(SQ_?K#;|f^TL9J|=?OS M^WWW6)EC\$J\$
@62H%>YX)*RI7@T1^ZN^N&E)7MS?^T^K,4NYV W_KOI2 M-N=-8_4NKB0<=-/N^97I=9?T_/1OR5.NMRK\ID_K?5
7I%_@E|&^1F7^/_Z^K6YZ^N4TKB?_B\$IR9,\$5VE,RIT3 ML%BD^PCG\#6=(#H?#X^;|^C^A3>O5JIOEK07IV> MG:W\S^|O+^UM?|TY\|^#+"?@-
[G7F^,*#*J^WP,YA(A/O^?)YI=OW1LG MR23^QOL-W;|^>|K0,"2^&4X(3IX^VO4X(%R4,.\$&7WB=*M9>^O.U^_VO_MQ?_BZT=
fWIPZ&UO,NIF5?FR\H&|C,\$83^P/1&-"XN2\$-GL\$AGX^_6OJ9^M\(<O&A^L>Y2LF+T8)^%ZMY7!&C(X\N:0 CB,481&\$)QBABS<)>3\FV#-;Y
MOI^94^X64IF4T^F9(8^N7V^&AC_HE76O,2^X1^L&?^#+U^I.FM@X,##?ZU^H2%4/%EYR?G#*1
MD:4^MC8^QS^_XL*8EZ48PV1>O@OY;R\I6:0^\$ROGCG\I88^@8B-WU59WUG;TR M>:C\I^B3Q(\#L:TZR^>O\I3%CV,4^E5f_S'_.?
I%_9#1^O^\$ _V1=^+HELO MP=CG7?^07FU1ND&K^YK^_1B^6F,ZM5Z(I?^OWU^419%?IO@&^I1#;F M&\$T13J@ZE
7**0BUJZRRSONT31^=+R^O;2RV^K;F&P@OF=FB;A(YH+J^P;5RL3^M4PB&Y^POVB;H82K%?^\$4^_/\$X^FV&:215%0KECA>7#8W\I
<7YXUFQ1Y4X3J3A=|G^*C3DMH\DR4@|>_1_KNIU7SXMHHU;5HUY1_M9^H1L/>DVM_O M,I%W0K<3^ADU*B=^+@.EH.OE9%U\H9J-
=NS^_VPFS\$Z4\$SIS-68 M=A_100>CQ\J3E,P8P6Y\$=RH^HBDfE^="^;J\$YQ;I^GYUK->%G+G8I_M3PF^AF?
1.B;X,89OE,JAHO>C^C^W^H26O^P M^N^4CW\;NAVY_49&O1W,*F>T9E?_1)\$^&28D^_42;+9^Y86H\NINOS6;D M=#+Q\O P_K^
HAD_ZJL5^+PA0B>T^4=54%=NI95;_1+M G=2^GFA^E\O^#M M+6A\I?%R_V77823<^3L @>D\$2PSV7?+0;H@2^1L=CA+P%I6X^P7#1#^C\I
MF6V^*XDMP^^(4\$%KU\$)\$\$\$41^LD5K5E?5^UK&>VGK_IJ_6I5PT\>^157N^EC^7JW^_Z^L5Z1PG?^\$!Q.IV8 M&KFHDS'
AREFQW/GT+^%D<00K2AC\$MBVX\|AE+RBU4U\#61V\I;_I^8 M.YOJ\H LYGZM@6_1T&E\%EU8Z\HC0Y\4AM^_4I&NV%<^ID-3L!-!^QIC
M?S%752JB\$#Z:A\X-7(\OFL_+Y>J#^1\$A@7YLG6T2\Z:0^2Q^9VL5+(Z MJG%_?R07
/N^K4A\$&#>3+^H^M^A42^9U+JM;3,1G0(TOYFYS^*KKOR(GV)=M@1&Y\TB2U00;0\$?T29G;?I<5\?0;\$9W,25CTW\^J^D^Y=_HTOP.^1!
M>^O^MTHU\%2>3^_C_&A^DP^8B%R Y=.0L_W\;@>2@1+)^SG^Y+=_61#_5Z^ MB\$6X7?@XF?^\$;>3X A:C^4%G(?^BY+?
@E\^:5R7538K_HJUL^OJ^T^X\O MA;5_&B<^<?2^A\^1Z6;^D\I84OS_ZOG_R;SOJ^&82V\O\DI^\$T2V\9W M=NLVH^@J^7Z4AJMVLF?P
K^I@7O(F;MY);_BHL^\$-9A_YZ3(CV,GD_0@BK M^_>^HJ63RIU>5E^I^B?YQHR4ETf\UV@_4PT0_&M-8R>U>M^I0H,82HG\$
ME84LQK;@E9-\$5;J^U\TG\K2(CEI_<N56^#2U>_L+4+K&89;RD1F^R^B^V4H6 M^?UP,M,8^F^%BTI9\$S&(7W^WM(\$&T^70U\$9D2\5_4L3&-!
^@+^#I3LOV MPK,*UIO(3O)9?TI^29X RM1F\TH>Y3H3=5^JOA,0%^JUT6L9S=D^Q18*=F M0U(M85PL=^>|_&^&M,Y3YNK5EK00H^#E
M44;#=#I(GBD)^6^4ES\GH(GIOGCYHV_JK&BLCU^#8_-E2+>Y_(4_K&L(H)4 M(B\%1M1^_K^<^*O(\$4DD^D^Z\Y21
^\$^HJD6T2@J^HH08QWU(GG6?@0?_2C%^P^A.FG\CI1L\$=EP+C_YYSY^&6.N5MJHS^)(39HY<^S\;HW_XKY\3U>6M5DC\GID"
ME9\#(C^_>2565^1MC7PZ^G^D8RH\PH3^#0KB^Y^@E9UO5="^ARK>3UV\ MJC\T^H^G5?&QCYH^W>_
H+36WU<7>WTOD\DL\$;>^ANXDN\OE^#YE<^U\^O-T6;^P7>SKAHK5A5);_&F=(85^V=8V\IVYV\!_R MRG2IKC\H.V.7^KY3(+,"B2^+%^>?
H@B\WY,H8^SI,0<4^U-T.O1X_E2Z\$E3\$&8V\X2O.CBY4N^tL\$%
MNP.^4ZNZ0=@N^UAHN^K^G^"M=M^K=1^*>7F3W69HJ2NXL\VOHHB_-6!O#;^?S M9BPW\F4W\7#4UK4OJ.IHTC?;I\$
YSOX\T^YA1>N92,X\6;02IX+9>Y=/_T_MX\HZ^7_KZJZ_I\W_N>?2W\;ING^EWC0(S^f^T919?Z7?3I A@V?OMO^X
M^LOQ\I.P^>^X9O4TVDBOP\JONSG;N^K>|V;PY;=F^>K=Q_#Z\OF^?B%_8=W MNZ^OKKZ??OF^H^W8P&EXC_^SDZ_-VFL+Pl_N;
I9.#M^INWNY\Y^?Q9OT3W0^M2&I&5S>L_>^T7\XQ^3TLN\I4W_C/D33K9M/7PX.#_9_/4J^+WNG9S^N+O_M3HUIV97TIO>^I_O=M+&U?
I_L^_8A^V_>5C3I^=15T2/1^>J^PZ\WMQ^M\I9I^6^G>=OQ=|_007J;G^Z\$|_#TX;_&G\UK\$%^?L\|SY>^I/Q_M\I8>+KYB M,6E\&=|TIPY N#
<1^?H^Q;QV\^?_IKYLF5Z;LH&V\P^>^H(P^?2^H^M36\#^X=ISI_Z^N\IR^>3\3IT=&L_C^<^*O5Z_X^QU>7>Z05X3X^%;P0>0+^B9K?
4^I\$^*_N;^<0?Q=F\RD_MYI.MVHHB^COP<^%5)B;GZQ;KY8;N+^&B8LA^B\H87GL62185H\I>L)NB6Z1A ME\Y^5;X8)UOE%L9N^"V;HV8ZC?
BUFD#;F MT6^1@V^C37;CL?65M70;Y+OKDY^LL;J9;I
MU9VR\4PF>4R+^G^>UW\$(<1^*V^6N>^%3^*E^N\7I^Y+T\X2PP%>E^Y^+FZM4MC5M=AB\PLN^O% M^\$|X)10^>G^A=U\$W_@OQ>?>
0&8L)!_>520+^F6S^=^7#^PRI>WOS\PWGKV M#^>E=+L-WFHRMLND^IC6K^W\;^8+&|f^UVf\3-DK4%M,H1C-(\$;R^*=9&Q
M#5^*=95NNFY^R6BH\PM>^9T_U_9NCHA\UCDF\PE^18N,1@E;fTP_4E^O_#9 MV<08)^MQ\UF=;M4\FU5-CLKW/_U_K0-95_9H?@A?
16L1UMS(O>CNK\$F\|C=#PQ?3Z9\@_MX#_(SWHDGXU^"KR^&1&4^G\O;M_->^KM;8W,+WT_3A&W.H9.N56\I\$2;@. MR:~
(3.G939WWE+D.N\$+M_9GQ@HAD-F\7YF20CH94F^""\7H6G\$3^0>7 M^P(4^HM6M\$#1+OPE36;-D_>Q_NO>^E-
5R16K\GW#^FOE(\$V^J\|C;C83G@E>_MO18^0=OW\$F0E_4I^N(28C1H^J^N8I07 HMMO AL^!"SH%L%>|_#\$(>Y M=-5H+K^I.E8^P?771BER^*
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O\7^%B;5\$B@L%N+5\VEO^#20@RT5DD\$N\$;=UZ5S=J M^P2P;^NT2M9^7E2\LCBQ3F
5VN^%="7)MZ@=^>O;N^R4\|@;FLB,F7^3HKGYZ>K24XI^_2DT\AB@<V^IABO^E,H:9^ZLH2YDB M=(E+V=^3C-)IT0A%-
RD96X_15^6X\H^1^KQ>^W\>KU>Y7\FPH>XGFI7NUY M^N;1@O&X^T^>JZ5/L;G8O=H<=KIC^+=LW\QHF+;0MCMHJ^&L^G\&LOM?1*
MC_VXV\7-P9%GE1^X^AHM\ILSPS M=D,I>YJ#KWA_OFYJA=|&F6HVEWD7071;AFH#[NE5(?N\BJ&P=T_4LOB|R MJL1HL0Y4\INZR)P2V
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LIS5C8=9^"W68L\^G(PEXS%08=9&? MRT+UH.T2Y\$%\%9\A.%@L=;F_WA8,RW17X\N\J91V;BY=G0>.(K\I\$ELB(MYW ?
7/+SM\$;NVQX)FO7LYS;P:33^KH8XX\H@(@O\ MN^7;TYO^MM)J4L\IRJ=&HFL06I^O_>^O\H3>+/_0031">7=(U^_1#4N5I_M0K4_8>^&\$^JZ&?
D2D;4AX4GQZ3;SU+^I^W@_PQ+I90K;D>@1^O\HYX3NJ^_M4;I\^+J9G6^LD\$%%">@F5W6V;T%Q^Q6M\O\3N\KS)CZLH&I6(EIOYSP;
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I3\^+I\BQ;=^M=S0FC^K9IL)ULT#-(HOD_1^N^2QR:02JG+W9_A#86_M9\$>L>G7L^0%QDT0JGI9XZR)X6G\K8\HP0R3>Q+O)E0^BRG\$H\<
Q^R&_>4D_MZ_X,2^<3)CH0J0W+FH MD\8HK4>93?I>^H^HAMA->^L(LI^*^&IS_XU\=9E2+U^")TA&W8;4^MYL_(MT&&3WZ(M7K=QJf-
6P9I=)G\$>|RRHCAJW#_N^R>|S:P%394T=H @_8_7_F M0VQWAVR+CZ>HP&3G\GY.YO0=2H_3^IM;J^V\$(P^*ZL@_6\QW06_X;0L
MN6E6\>S9L^G69AJSLD>M38IE;_@%L9(=R)7E+9\G2B>A=^D\^MGPV^*M; MD\FUCAD;7E%Z<BRT^PYB3^53&f1+1+52AXT^E_O1_GU?
KJRO3I>XF_N^I O MUJW\Y\FO?O\A4)B\&8Cf\W7^3E>VV_X^*5_-FT?S^I7P4 M^WB/\$@7^_<
MHUB2NRI,G3I&5,08Q3^8YRAPERL96)5.7F0\IE D=PVQ7?I930X8AH2-W^!_B MN>^&_<^5!^>|87G6U^_SF39I0/S/T5N;-)^74;^*)7?
KHW;+?&DR MCJ6:7DH;3?U>N&5O@UCM3^*?G:C^>^X8U^*^%&NM0A+3E0_1JA8MWNYDC MHURU+XHSV\$;FA;VB5?
8(FWISO))^40Y8)EEVL=0^U(H^S^<ABO4I8\R& MG\I1P)4Y4WU+^8NBZ1RF^\$J3N/-17&>6\$34HTI\$O7-S7BO\FH^29N3.8)?
(+^FV0JW1=I=SPDN=NJ.YC\^?7;XX88^N^Z>_3^N02_MKLT75^HIG->^%EX6&X^XO>=&S0-D;N\$SA5I^@D\3IO^*R\$A-DA62f^*K\p M3L
(X\^I.@I&H\88^6ARD3E1\5;S^@_083AV)M\+^#J6&T^743Q-FL;+ MIGU_T\^#?^*
f&3/S_X2@U3X^MM\$0SAW^M@=Y2Y\H11N^XNS;#2&7@36Z_MU^>N^H98(57\I^LL^*RBZ^YID(O1.\$_G4?Y^Y^H^SW8&GQ^I_0^*B\I(O%:I
M^C^&Q&S^F_BNU7+(B_7FKKJ\PDZ7^;1ZEY4&69_&EW\$5(;B4\$N\I-V+3B MUF2@P.F;EUP;IS9X)AUTO1^LD+9K4#I3
AU,Y_1QWZS^R_AOF^N027SIP M;L8^5_&K.590\I9WVPDC ZG2Q;9^DES^+SVN\I ML<24X;0^&WAI MLZL,IRW3;N^62XX^3)5\^_AGX=+Y\$>L?
F/(IOD75T=K\$|A6<41^X^95.KC^ M0^Y^F4B\I^F8_9I\$A9WSI@JM)^?>H3EDY8.6NIA(X9P62M^IE^W?|M#=#L3
MB>@|S9%2\$J<^C\LOB\I2GAA#.*U\I_8UBEJ^C_X;L3^N3^&^F?Q38P\@PA+M9;J^AJ0ZGR&&
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0NWQ&9PO9^N.6)\$+^#8.M\KN-60W-M<E\I^P%-LL\Z1^R;f\=Z+D1_VBL952>8.RS(@2EUCF7I#|_X\>C\I&^*7NL^%@
M;G\I.P;P:\$77=VB8;JG7FSN.CX\^&^@K6^0^X\#^\$^+=VGHK\^H^X2_X=M;L;S:~3V7L_3H<48\HF519W_1^=J\I\Q9L;HUC0ZOX5^I
@f%3^ZOT@BML\@M+;_f^*C(TOHP9DL^fJLOCI^R^G3@>L0+^E5IE^V3OVG^_PW^fL^M^Z^Z9MA;PFUUN^6^H;8_-5EC;
(@>+)^>S\I\O\I05HGL=Q@M2PU;1^>^>P7P.C^#30;#_H_L^Z<7^("^^FV13R;83Y_YBG?M^S^_E9+^C\ MCQ5IOCC^>2^f=8;^&AJ=8A5>B^D^<
CV;E^fD#1+Y\5=|B3HU+^J1=7@7K.^UWLX\$^GU<^<8^!XXRH MU;U6-L1^>^EJ68N^8 JP^IS_>H9-LG^W1BOPR
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```

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K.TH4R:U%6H.T/S/W%WT&M*HFK7+5&A_K/=>BQ*PFD&K-M=0*Z*E$IF$A96<#ID0#HX>A:3$!G*7NXB?=>
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9.G$P;S.MZ=>H-H-D>=>H07^HJ^XV^>_YN-2V0AJCG<#PM&ATRF0YTW!A2S);^A$X;M_^M_J_1:(P=9_HU7H)?
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_M M9J35%IRW7*/<43)%U%G<,>G8!&!<_3QE-L>8$J2;12;1^N&_Y Z MB6E7_58_O:P1/N!;NNPT9X>T^H@L_$7.SMVK(18)^R@JEQ*#?
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M^N11$<V FZITFLS^Y40221)5U/MO BC>77>Q2IHQ2PWOB1 MTAB3_0:6SG&4+3G$8Q1=(XFG1I4U22I>G89JG@7%6.Z IYPZO^HICLIV!EW
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```

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O:>#H;0\$500(T)B)HE9#>D!0-M)V#^ZL3,CABT,ST@>#P8HC;/f\$&0X:3(S8MB)>U/F-74Q")HDLX?JG-M-8)C-(77FY\$->&;DP+/-VJ-
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V)73CAI+U^4GK|Z^GX@K2#7W@="UDY:9|@.H.#A>C9*+=AWM:4.M#?
@.PGO|FUZ<7OD@R1(L8\$5Y")R9^BLZ*=E1352FL#..?5SU&HJ(3#+V6Z.MINOR==.I@PA>9Z6S(ET7RQ2K|,U|D/6N&:FD6|..?JID|Y.F8:
812@JW.MX8S^DUY2=OTDRKS|ANPGK^=SA3.DKJMM2+4+@|C|J#7H#4|SANADD+=D|7.ME7WRP9MJ@?2\$;HU.M>P^VA)@<?<?
HIS%_IRY3KT|8OGCH:6L\$:.6M.X^CN&-|>-X(Y|8&.&4K^>2U^..M/*=M0.XZ5|<J.RIB7^7+9\$G!K^54|_4..2>P@R4=|8T;UV6?>L4+;;8(46-
>+RN.MSU7DA&R=UVIVCN|@5CU.TQ@IRK@.ESHR+G8D+O85B2C|L+V>?QX#B9:V|S^K89/@.GL|H!&K69.M|>2Z;1?<
OHU2(COBFXG1BCQ.W+U)K9S^IBE00.IHSV|UQ|U13=\$E8:@*U9Z0#_MU44.)|&6T#.RXWU&M=
|BY?|E3N|(\$YGVH8/MDEN^4|4\$:.W#6.H9F3HCNA.MZCT|Y?%IR>4J1+^I80|LF6Z^+5#)SG&730M5QP%9VTGKBCC9
MQWVSYW|OEk#%|H2NDL/|001>L>*.DB^..NNI3NXF_1QNI#&W<.2D)'"(=1?<
MEX#YK\$^X2^6U@M6J@RY_.SC)#+|^CQ83N_HF|02NWH|16%..\$4NCQ0X76R^IVMOPDJX0N=A^"O|ANPRXL5#|f^)|KTCH
MW45W&Y|V:|X21X7^..>7DZ7066UQB^#Z=|3@^7J|7^05J|PU=GR.M51M>V|>6M6OS&(3-)FL@S|:OU7))"|fT
E=BYI2WP2>@J4^_#@J39.LWQ.M40T.T.M-1|)=IN?D7MHALFK^."O.)>Z1.RI4D^!?!?U8HF2B7I<#MBS)_6'Z|H7C|Q3H^K0NV(9?<
371-16LFXC%Z|U309|H80)Z|J9|9#_Q|_M_+|H6^1@L#G|EY0|3TZO|0^4G.2|S\$ZP<<|(UN6%2Y7RU(C>_MA8DG/RMOQ-
2.15^4LL&7JRK|93AJ.3B|MCDEX6.MS?M))1%6^X^<C;H;..N1*=TS52?^LR.P?)CF492RUV^"M.HH(L3VM781H7@?)<
MS8ESP|@|DQ&Q.Y|H8|H.4.U:7Z(5E58A.1Y|JH@.NOO^W_ENTZ8Y.FDHNE7X+N|D|_HA^|K?^Q^")|MV9^E#^"J>*1^V7
MFOYD:DW:5.3OF\$Y^C49^+M>JJO&E|Z2(U^>2J&PSH.711L-12X%E=9^P.M2+4DU63-GUPV/RHNM2B|<
(0)D3\$G/EU\$<1^MWD21|J^R+|WNVVOVGK|9B9V|_M=K?>?OK@NT200CH&^@2-78%5%&^|L^..f|=ZT^0IVH|<
|S^CBJ|4|..|+O4^"RQR47\$V(BF:|_O|OF.W|INGHX7+U.M5|C^>UQW1.V?%/N@;"DE#|^0K3X5|7=|WMVOW^;5-|L.SBIS_#IA.W3.M&|<
^F>FMY.3G.7>*MHUU^+0(&9T2DQ=?&#P4DN(|@X/8C.J0=W6S&V65XY#|H&J4|ZAV#?()I9K794^..?S=I9V6|7HXFN
M^ZPV|L=S^IG3|^%+EFH4+0.4ZC&UY9Q.5KP3VEA^%V%_MT/f^!<).2ROY+0+Y|NL%/-D5;|^#2^D^H5TY>+>?&Q3HPR6:O^H|E|0PB
M55RZ(XK1%<A^3^%2^6L8/R0)*TAC<^6/O#A51KK:(C^|2L|OEN9M5>XP:@J^_M_<&AU#GH2WOPK2U.9#8^LBE>+X89#|V?<
BK6M^*B8P&LQG8GIH&#CBN;5&M3.6RIW?T^|JHR;PY(C.|NW&H83_A-"8/T+VG5ZCZAEB3^33V|C<|(#=)HPK.M-0RXHQ3_-
^G3M1>+V|V.FE6OCMXQ15=..S1D_1C+S@S_YI-0E@G0\$9&=J3.MT|P0_?+Z5B1*6.85BL|X?J|B\$3|Q^*M|f^..^X3|.#7?#?CEJQKQ4-AA^TQ
M.I7B^2_A)67^AQQ.M|O/@-V464.^3W<^%O.VFOJORMW8_J.X|X|;E9H)_MX%=..?8\$|>9R2F:HS<^O8LU|IR%E.19D(F=-30R.7B-1-
NMG^4D9L&R_+22.ML#>CVRS7K:1ST|^?B|T|C|H;R^"IR^3JXNXS1P_@YU03_23@_FH7E|H8|O.MJ|&CHA.ARZT(B.#H8R0&Y\$J;7ND?\$/E
YEVZD>..LRN/Z)HX^L.|9M>A^3.M/U-V^L|?^HT94Q.@00^M-IR\$C+%^JS\$@FL\$B|6.Y0E<_V^J|f^10^9\$)WZYZ.MA|4PDK=
MK>R<(%;1D).ZBNH.BISLQVRX5|S)GH^9+DZCQ_-ZR3@?1P|@.UO.\$-1C|L4.MA>Y29LZ=B.9-9C|PBL43I2==?<
01K|H|E.C.AZ>*^*TL|F/50C06X%MH+)|5<2HSTE|P0:|049|^>XG^@+5\$EM;#58.F9V5@J.R.M|!M^MV|K.T#J9.MU;I8EZ%HAL;^2ZE@>P|_<
YV^+135(^CY^&6;071N_|P&RD6S|2|Q_A-3.MOIAVQW1^TQJGQW@H5&V^&8+^FZBL+UE?|O^P0#+)F8#^%>^>AV9@>@7_|HQVB>
MD99E5^%RM8_2?)C7BU?|(^B0-9GKALTR1^|+>;*.8%:~7>#K.^E|D702E.M8S_320G-A6-16|7<@7%DB/OWE@2|+;.(^&0.)0H(@-
#S\$1%5T^B_1^XS6%.M|@T|^74^7B:(V5^..^Y|WJ\$28P|2\$HPF.1L7ABG(|<_|/R&=UU.V&JYV.F.MB>@&@I9@.@4UZ\$^Q1D<52T
BS_U+^/D|10H@="0TZ^AY7YGF-FQ6&?H#_MIHQ^PQJY3-4J@J^V#U="YNCY.PQ4P9@^YX;^\$1&^/B>>1PAYD@.1^1^L_%N.M|_00
_OW2AK=^Q2>D6E|<9H=PL|fF=D.F58PK.H.M<ZJQ036LV15=2@+>O.X.O59VYH:&4*POR|T.2_I=^W50R8D0A.&3U4-H
M+BI#^U8%=V|^#N_YYH4:12R/|J|D\$FZ(RS-M|G.PE@D_162L@^<%_EQ#_V=\$^X;R5.G3L!#6?*\$M%9A.XN@5TK\$@J|U7S&_S_@|CB^IB|J32f.
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&&9-A?E|U^+M<1^MWD21|L^R+P|Y?R|8@0BM+8S)#(P6M^53E?|=U|X4RNCKTWZE#F7X6|")M|J:N(L74.M)E|=-.9@UT0JB6%M^L-|V-
5PM|Z3|DS6|Hf.T<V8)S+K.MQSE&Q6+;*.25\$H4-5>@JRM^+OG&E|GQ\$Y1ZEU|4%G^X?NEA-I.M^0-
DK9X|0|>ZL7&="YV&+|^"=-N6%Z&|5A.M|J|H|^+|SW59V#|6G\$82.0C|AVJ|5E&.;>S^0/M)SB|>5<
(FNK1(f^+7E@9Q6848^5/0/9V^MRGG2|3?9|@57R0:>|@.D/R&B.ME.PE0|+7/G=6B:~NBS3A1L^6IR)D.4YY7Q
D1BW|O(YU^"~#PX8@S^WX7_2+PS.MLHMB?|E9|<+8;&K=-PX|Y|AOD|Q6-(8.M^fE9<+0NW.V?>?N\$G9@>27<*IP>(G"&I
E2+2H>@D;P.6J|RU4CM(.M4G92?OXUGT0NM.Z^fHX>K(EKX3D^FA0R1W\$S^HXB_-D=UD5RB#698.@+|KC
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M)TN|S>D=DQ1OHCRRK&2%3LJL@_@RBHZH.&#E.Q2|@C/H.G78@*E_0K.M)"G%OG).9F#ORE^AH0&B:GV.HE9/CB4.@=M7X2Y-
V(^CT&7?MX^>933=ORP|HS=G9|f=?&|f#NK\$Z^O:(JDD6H?>@_fV|TH.O/K|WB^6TE.M8TX<4:A%L|PKPNW2)<
(%T=4C(C)#HIS.&Y.^YTP.2|B3730|&9A|_L.SI.M^&G^K"|>ISE%:TBTH|NX|M.(+H&.3R>?GTHM_7M2X&KQ(^H>S:0CMJ
M.E)FG&N^J4)0M.GU.|H<^>^Qc.@?T159K.9|Y|TP=D3>%U(U5ADUM)>H.7(0.M(2996R>|H>K^Y.ML4.T7Z1%2%E_|f1.MJ@*KNG|D<2V0K
+/06L(fK.4W\$65|0\$|0P^|.Q|+K|=5BK#Q7XRX^3PEFF.MIXWFDLHXLSEWZL@_N_/YG#VW&U3|J|D9_/L3->+|^"XYXOUK.OTK-
|BD^K|^#L6_Y<6Z|H70D_OK<5QEX8@K^&8(D\$OV.Q/52_3H.M^6M+FF7<<|(0I-3P)^H3|/739LQ:@^+Q7.H).W78QCP|O^~Q\$3|^!-AE*&98
MS^+F|F7T00K2=.=.RDW|S^Q|H02|D^M7WB|O^M|L=C.)4/E<^6^|PMR&^<K.MQ|S^Y0#1^>G8>9.P9.77F5%=->?>2\$7)D@(-
|>JG|_C4^)|Y059.&B08.MS.#P@-9;KQ|?7G."OR|G|CC-^BX2E|_RLA|YPM@9)J8|C/5_-EVO^IG6.M-H|!|.0.P1L2DF.\$U
P=@A&|&G:3O)\$P^KPS|Y.H|MH|ALX+K|JD1-|OS1\$MRK3.7-6^5ED|C<061.AUHFM.ZN@_K^0W3%RO.M^S=1N^8WCO|SYN^fE?
WU%:_W^W-MN;RZG6^JHUX^U273D|_Z^L^?Q3E|M^H|O.A.MR^f|=^..SW;|^1%>)^D=4IH-1Y1@43@DVASyF9|LHG2-X5O|^Z.MCQ+?
Q.NX2^5YHSOF3+BD#95.H(fOY.O5Q\$=?#COHG^H?<3|NK%&A=^M31*N|G^V2F)\$YANNY|Y^?|008?<
X|Y)8MSTM^WYSSWHL|ZL>|?+BK_G2.M0-G-|G.KP9)SHS08)1Z4.3.F|M_6T<K_)R+HT\$D<IN\$)^%@S.6QF_..(L5TBOC^7(T\$
MYFUS|D=3BE.^L.MGB|)3W|W36W-6.6A^?U^C5.>7RLFG&@VBY3.M^|U(^@M=|XB\$|U@|^0HW=^UBM#AE.K|Z^..fZW0%@)A^H&
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C.SR%|f^C|UYV^P=1%HQVLY0N^XC2.T4.99L.1-ZPDSM@W<

AMAN-^M52|HUM|1S|TQ"#2&EU.=.)^0?H|8^P:L@?KT0Y%W6?G&_YL.Q2.<1@+28^B.M.@^"14W4@|P|E5F.K6Y+J#^D:B-8^KAH|<
(ED@|LHWQ0>(|HFA."IM0P1_|M2L@H#S=W|f\$9X>5^A.K#V|+G6TD)^6YYPNRH|!"D7|P0:)T&|C54P0^6
M#>W9)KHP|!;\$DH2.V|=A\$A.M|_>.%HF70?ZU50^D|MQ#0("7YBA|?REEN|^">|P_RB/_\$Y|Z"%DS|5|>^CZ.M0%.H|J^%ML:..|~#7K?992
^/f)FJ96.#B2)+R*..|V%FS\$=8B|f|Y5WU.M^E|KC%Z.X26|2&LAY|H|TDANH.EKR|V3^R|2?B9:4%SNW.M7NHf2W|+Z(f00KVD=
YKK_ZXSH8M;J|N9|!<_#DA.EB>DXK|LE^E8U.7NW.M^6T^K9>5P|KMZF.BT|P048-|MU^M\$86U_--?
JWSA|+3MC|N26X7^..S/R@91ANF|O|&CS|A?|A.P?VEHC.M8BCU&B|H>D|J|S|J|KKK9=A82J9L30L\$M).Y=R>|30AQ-
PU|f7R|ZD>M4\$W3BB)%@7G6_-X?.\$M8T8KE563|0.-.78LIG|EU=PL%8T=G2//3Z_V.M\$|L*|OB@_<
MORD_ORD_ORG^YDVY?^"9.J2<=FPJ(5|JRZK)DNPNB/2%Q^DfE6^|HOL@0)#.M(R?S5Y3=8.F5G|S=V+%^M%#D_LC)6+X58.|HF%W39
fC3)N8N#W#<2^L7H.M^=O6P8J_@X|f60\$26^P">Q>?>?LV0HEHD)*Q6%>^9\$#A=6ZZ.GR).91|f
M|H@35K\$&@WYU|PWQO\$>R|4&f|W/NX+^U<#N;+|N.PX.%5^F?Z;|5;3M^FCW|KLQ00M<^WSIXKV>0.M>;%.4|00|<
&^>^H7S30_@Y9|W|H|NN==.P.M|T8!&T-P(7DNWV.^+6D5T?|^7\$3.MXBTH?SD^HKCH2YJ8|3#NR@AHG5=Q^3785XM|<
(\$EQB|90X6UC7#>90_#A-Z.M^W6TP?.\$ZFZ8K;@_40U41U8U^N\$R<1H|RN>-0/P^YNH>%U%0|SYV137:P.MBI@6^|@|Q>"5D|B?1BSV?<
DKGWA@85WRL2V&=75NW|Y|U1+1+&N2GE|f\$3\$3+U/5FG0.MG@H2^f5HSY>S>A.CU77f^|G.J|54G.-2->36D7P&|ML+S:AD4C.<-J0<68C
M^<6_N?+ER_~X>WOW|W2|W2|Q|=OA.^~V|W|=-4N2QOE|?WMY^>?/E^<^2>=O8^M^O|H<@_O^RY^<
M_/Z.SA+WM^>7/KACSH/T^Q|79S|_A9_WZX6KY_LNGS|&f|+2>?1^H.L?WZ.M+_|+GS_QEW|LNOUX|_fEZ^KS^D|..?HXY>??<
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Y>U/fUWGJQ4SKMC=^L.M_+B3>|C>P.CD^QH8Z&B3^U|?P9/K#U1=0^MH3.A5|8-B_9^&^LX|f^M^&S.^u.Z24U(fVC^/?&^?<
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(OEH^9@&4.U6.^5W7^3PVE1R./7ZU55V|2G_HWS_Z5@Z>R53DEF^Q.M=/?=P|SPH3^LV=5^F|^+C^30231^M|^"@|G<#5DQ5J6+:=<
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^IK.#0+K.GM+W#5^6^G(0NCV)_X0752X4L2IG5(6KV.MS=-L.5|>=8.8PX9/%F1/4U_HZ-Q|N-SN:/0@U)E8^"@.|J?EL5Z=6:ZXP|T.M^%S6|?<
=L#G1?766&+5f(630A|Q|0|SX^*K&|YQ^fP^KG.X.M.WI^59|H.M8=.%8HG1&F1@D@9M55.M:296AN.^4(T?;f.MVG@).0|f(SM^W\$S18^|B|<

L1\$ZV\$4W1+^+?I9.\$2!N% MF9:~|JS?0#"\$84H3MB#A#U4MJ3C>=&G8YQW\$ #!-81&'.QA#EDD4>PJ2-M&\$5+
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9I30N5^&\$G)\$5H92(-M7NT(*35*E.WX)\$Q9IH4IUMW.9UMJ:D8X1K7AH|-QIRH.C)'FYR@A=AG%*>4U^HLRM-M2+9|VH10"-JL"?
P0K^QZP2_00<^@ EP:M/GXNJ1LOD&Q2N"\$GW\$M3L10-MVLDX\$M,"Z:T7,Z^YS=#R;A\$ _FK|Q|)!#.@|JQ"S(MMC2.2)=ET-M|
M0I09)Q@_&QMD TH(TB|L5K9?7A9FV?9-Q1"\$ST-4-IW7+&#BK1%5-M7Q5"Q^YX\$=?OB6"QXJHFR-FN;5*SA>Q:25?U<7N_)T1P2Z;Q|
T(4>5:> M^5V\$;\$5!=Z|+(>JCAO-2+|4:2IMMY5HH9 ^\$2(Z6H3>|G|)%>7D>-17;_2'#
MNH>JV@.ZC@OYF/FA%'"O:MQ>L|A3.MU:4(TQ.0LR<=<)/=YS%N.WM1&8|M-MK1|7);N\$6T?B)SAA!*"H'O'B"X9V=0)
(E=L|R1EK-171B*'.V(H|TXZMK,F ME?CJ8ES6#1F:"*O2B0?0PK|@&LL8|2)R=J1643JOV\$/2^|WWR=^P*9/
MXD,Y:=SB<8/TC/MHUM#J9|)!~WUC09>/J4&65:OHH&B\$V:1?OH=5AY.?T MD4)|U(+SEXS9YK67HEY<.(I)"3Q
XJ^2<,7MTB9J.)";U^LABC3|E-M+M5@D7&|5M!=7E!"O6KQ#1^D>_NLX?6>WFX@F=X1N117VWV2|=-:C_A7B0?T%_M,B6M,W*/5K|
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435*%G:K|)@PCGM5(|T.#S=|):? M=-X>#GA%A=L-(0^V_0V8\$P3#1^|2I9Y52\$WB9-D5?7SHZ03*^&QONWL@/9 MWPZISXBD-M\$;J|
<1#YJ.5.G+(-A*#|RKA-'E;.9U9.XM8EH4|/2#7N8X"" MW>:/3\$C6W+|1%ZR0_P<9G"D+Y^_#>\$=NS=DS4?6Q*_&.#%>8#_*/\$4
M#DPG8"A(-W.H;25<R6_12:Q1VF?G\$;>""U^NRFBN8G&*9GUFISCEF:C@10 MEDW#*\$OL@1)_4NS-0V2\$RTI0X0\$%)Z"?
=K|&8>6CUN|""W|O_<:I60ID+78IT9U|O/F.J;#D)O5.I MKN>:4I?
|LE.@_Y0XWOGOL2?7D3?711R|H6MO&#PNJ&#P=N95C+Z\$D=YWTU.A.M.KC).YXF.25L2*~HW.*@|'"Q?@5IHSAM;<^_EK~|8>|3Z?=-
X^>|"?>A_-M+0JZ7F*D.*C+VD'5.KP&|I%A>.%>^X.H;DQ&@|BY3U;3\$B|R_#4>2MD8N(-M3N/J&#.3"ZY@K0U>Z|8S;G\$4I WV=6F<#26
CS'(?21.V24-ZSD*?C(A4R)T5 M=^H9C0UM.A=20Y?N>|R+?A+|.W668C5WT2)MZX_ (NSX\$LE)+0AECAB.^>|'_M6>|).P|O/0K^_F4_\$K|?29(?
47M%<#-V:4T*";P=^R(W7TFP0-YRZSUR.MA_?I.6^3+(-.I\$|S77G9#H_-YLK0#"NHV" T-/Q?H2:97T(26.T.#)Z1H-MT|<8S#
(U.S.P|O8:9ENB>6XRY.3X0|H.B.WK|Y4Z?V0A^K|AV^>?;?G?MIF2W= Z6XSC0F2^ SGRXU@9.N3=&\$S.G=|<+C.BH|4AU|H:#T18K";XC
MR1FA_@.#ZR'S'Y5P067@9K"R_ "&%Q>F;/ZG3NPS"S^ZCPE|X_-Z#=-IPGX<_MA2|HOLEQ0:GR.LF4S14SQ.EAM*Y
GRZ2F26DY#6&TQAT|6R>A|<_Y^YE|P.7H< <9F>|@_DU^P.M8F|?87>_>O/>(TOI"J""%.SM-3+T&%P989|2&\$>L%(NAJN6\$K
M&PFGY65\$L=UKE'25?K3H8@I5|MG>QED2"77V6ROJ>_ "5W.L|I;J*+*E(5:~M17H(C-&R-
LLU88L)>2+=9(|Y(ZO-/M|9R)-G7W#A^+C%9PEOGV0ZGC^YV13 MWA\$W(1Y&?@B1^/Z>O6)|0Y7=;EZHT??H|@A%3+!^S>_VY=
MH%+|SOX_+@|=KU^@B|I+^V?PY(96WR3?A*6+81AHMH6WA)DF<<(^M9;_*ELN:~H|O:@V7^#;\$|(@O*0B(A?K762-V(@*@UT#5T"
<8AU5R1ND3|Q?M17%|E">=QU?&RKD:9?V:=+Q%_N\$AMTD*.\$>)P&B|G6I&^_VJ|X&8%SKV.3 MA?
#D_4+5=D#IU<1!>D)7TK|@JBSF&7FN1(GY*/F<1_N<1SMC3-S-"M9S@~N M*U=^INN6JA^64F00:DIV2B|B|E"UBNQ-RK;JB8+5)2FID2
E-I+~ORV|O^CO06WGEI3>\$RL9B%~9\$"\$7C#3\$S<3|2NWP"K;_DK_Q
M@X.N|~RWP_+;U0&WYL7KF@:BEGVD;KU.9CPWD)F=HZ_G4(UU^SU|^9Z|?I|>_MOU%>O|9AS|XTNU?4)F;|TB*UC&^#=-|Z_8GO|V|
(M^...L"/|PDE#D+G^/P.M|9|H|CE^\$JHELA|_&J1<~|G.V|@Y=X:~0\$4G)>Z'M@SG.LHJM)MQJ#:_M3
%I%VU484>OE@E'S8HR.7:/EHF(C3UE"Q|B@S&AW4>8I#9F6S6M9&.V|69>L_FCC+\$=|7)U4BN|_K.4N?+P8=-
M&@&=BP4|I>D1^?%6.R57&J|@_O|J_<1EB7:~G|>_#9A|BF7_O6|U.OO.Q_MUPZB4=W|=-L/82JF@.5+@|I\$*#9.+G|*FV;EL:
:=@A"^C.4|UG|?HW4.C@_MW1R#@*MT%VF24O*6T=FF6U\$UL.BU_)@THGW2BSDLE>>@UG(OBV15D.TT"5+>?_W|30L<6O%7
MSE88K#O|_D.W2I75_!6YT_>9=?N;+MS.MPOV2YC_@PDIY9/#>N08/1UCWU=Y_VG@%&.%A2>\$)5^B_"M;UJ_C0@%D&\$
MV9BIE^5QWMH)XS9W<^/NF^A.A\$QQ\$-PO:<=>@~L.ZSJN:(\$AQ?8/R)M|_M8HO4L|BZNE_#_V=
<POOPUPX)=RP>D_#S1050UHH0L(PH=^F|156WD= MATG/IS9#_N42X>_6Z5LZCA+1D1S=LEFI=<)>TQ:9%RL0TW#&=&A%=>0:0#PIF M-?
E&G1\$*J_7P134|V|2C>/_3+;UETT4KB|#+V76I|^\$E^\$#R1)X+M+O:U^~M&JP:2.N?TN!A:~!|V3%>Z)|@FA'|
UZHZK#^Q_&NR2?KD|DRV8(4AR8Y M%.SNXM|GJF|P4V=QN2JY!*4L.8|H&J2QI8S.\$)KK^HDW+~IL3A5VMP"K<_MD.U>HJ@>G&YN";
|PXAA*~&9SY|@HY2F?1Y@Z%\$X6SS|@9Q_PLP_XV2NH4Z1-M.F+F#DJP5.=G#R4".Z&0X_9E^CMN78 MGI#6P@_@K^ZC97(MC*~XY.7T4&
|<=|>8PM8(2CET)NIRS#LXL>|LA_NF?MW?3;OIG_-WON.F?W1E|X.X.IE9GG66^5@7V\$4JZ\$;#XZ>9*(W^IE9\$
M|B/OXOP(|ZCB1.N9*|8UD(W4)54Y4QO?FZ>.<|DE@8|<#W6F5>@WTFBANT M>I-5@5TGTON|L|OL?;
|SQG4C>6#E0|DICB6.K1E7F|Q~NDMJK&F|H.X<M;~1-5&5|=PZ@%L+^%AGW".DAR?DS.#=H*7X+^~|B.B.%#5?_CA^|&M"=}>+*
V3_~H\$#/#L6R=TEINU|R&:PTC:Q\$X<Q|HHP>|S+S_D5|51NXC>G@10_M|379;&<6|Z.Y("W@RK^RL>W1S18LGHSHW50A;%E.R@_%
(0NA=-V6@=0#&_ML<+67B:ODP"OO&)^V?JOSY2R(J.BO5N>=8B9A!_M.2V+HK|CTP50G&#=#.S
M|AT.V\$#_&J@AQ.B.D@8W%FOCB+CC|(MCWGDH|-L020W>#N1D|G|O~H0-M^H0^Q_+&60<0T?<^V#8PG_M)Y6<#HTX
!="\$J1_>D2D_3A;/S\$R209\$W|>Z_V4K5:_O_&3.&"EC|VHVD RP:=4@-L|UOP:_#ODCA4&Q|/N9ER32.O=1/>RFVYNB6)VOMW_P@6_Q^4W@'_
~)C#H/MB)MOWSUDW|Q^KX;<|~I%|_EU0/|U5=95&LFEH|;%|1\$;H7U-J.M;|V9!_M+?+>+
(D3=B&S4|>D|+~.W=|N^H8"J(VTOSQ0\$1!3\$OX@1Z1Y*#7<990W" M4LH\$8@P=Z-|+RJY-/,@I_-B&|PP3%ITSRR_9E_?
88;~Y|T&K>|C>V.T.5;MU_?RWK4GE.EJF9|O7G|G&|SW**X|(E^R2.2?<?>S_B8|>9).9=ONA_Z
ME8R)"J%#>CB>9LPJ<9ES|L2K:FSV|(#S\$P)_/G8EN.DQHN;MA@WX(\$L>P6_M|)("BW>7CVTQ|GUP4Y9LD".#(NDU\$DT0-GK(FF

K@MW~RNHCF@('<L>?LO4=ZLDU/?7FX3|@&2N??\$<=\$?H5LU_TO|W|!#O MQ6+XZ5(-R7K%-TB;2'\$KX5?~82N(KKE,FOY'_AKX:-
>Y03I3XC7AH#||SZ-M-E8%~N#P9YHD|G_B=L9T3|~#MNIHE9@.\$2%~!T^3QI=MY44.P9^|842HH7T6AQS=6|H|(-=MM?%G*
X|O,JY|2.8P"LC9E8KPE-6V2S=.\$ONG\$=^|_+0;K|HZ00.P?%Y2P_M_P|H^DW%|&CR\$C=<\$MC\$S@5#L>#^#5=1)3XZ_<~TX|ZL>ZFN|@(#,Z;
(|H-M%P_-?IOR|/N?JY6DBFGSH^WYN+~C%HD?~KZYC!%~2)X>!=1/D|WX?P-MBDU"9\$8.&H^K8_HR1P?>K51#~P.M"-
#L#_H^YI4YW=I>0J|O3_NR.LP.MW10"R"/>+~%N5FHZS+J.S\$S|K.G-2D)=#2.13)_R4S^_4^3@YIXQKX?Y!"#<^5MRQD1S(3H2,*D)_?1
|DXNU4218=BX/ABK5^9FR-MRG@6('7V2R<>?%2(UZ7CVA|&DGC=2D=1^H"1|FTN|!>3!G80&%Z#K>|~#YE\$
M6)5S.TA)2F"/^/21VK\$Q=XU|@13MYN/L*W6I>93H|0JD8=*CHB191#^T
M7NJH84)>>O|+VG>^>T=^PRAJ@&?3T4&J(H&R%#FOL8EFN53%#*VQ>P|5|JB@|RR6ET4CEV*=47U0YQ-
MB.@B94=-2V@E:O4;CM5A@CY9X,+2>O^V9+Jf50-+^9*/3\$E2+X)^~H-M/|Z132_LD\$&F" M4R@(\$3S_)_1(4|/2>ANM@|I-(WF5B?WA-
6WHJZ#QBI_.M.PNBTRAR37+~UUIYN^SC44G&ZO.Y&#&5^XZ?7=L&MYH&B+H>D)ZU&6|HDE-MYX?6|M&L/201&18|3K-
~^9BF^<(2_P+G;5TP4U3H24C.V5\$6A7CT"G5<-3M;^>T6N\$S&|NKM|47^30F6UN#|Q|~|MOGL7/?
H9P63C|E>AC\$;@&^~8(|V\$5\$406I&B+>J|+HQ0+HBDZ(X5HAB1
M4C(3E)3V1WE6U"C^I&P#5TA@B^VX:|+~|J\$HIC#*Y|G<89UC^~))_.S"P8-M.OFR&P37|&P0*P)_SOR8#Y|2|+JPP0MFH7#E|P.
<&G|E-8;+)>_AN?Y|MW#1ABB4BLV14L;~NJW-(BA)P2XCN|ZNH|>QQ*K.R_%UW8|~#6#E.9^NZ81-MTRJ3-37|=Z|@APG05\$Q|84&P_6;-
>OJV_Z|8DM**NY.)Z_M47\$4|+JYN)(\$M-9E;#L/E2=&(GOM-6?~|)%0F_5)9=9HH6XJ%&W?L"OT/O#=-|XD2;|(+!79HD*;J?0>B+~P\$P
MB""N#RA>#1.H=E(2;+55;8|<+A0=>Z225|P_32B-/K;6USZ_~39_~7;1(C_M6|""\$+>\$NHJ_3VG|~>L5IZY_718|P
D>@:TZ853)V@O.8=QE!*"C/106!\$MA#/"A|U6_G^7VQV~@A&?OD9%;OVFYQ5M1T00T@Q:G:-07WA/Q(OK|H\$70%MT^D)2@#A;O6!"8|?D
D@R@T(K|K|O+T5AFSHZM.WC;:<6WSRQ2_U=VFJ5-M0|CJUN1^H14NF1%EIF\$D:7SIZ|Y>LOTN(G^!~8;6UIOR@/\$=7U8-%3<~%
M|Y2#|J5&_*BA:*7K'_ZGB-E"H0C?W|FV<#78BB.16TW!?!F?"KMYG|NW_M@IKU?|V_Y^MSK+8 MO>7|Y:2\$PUYF|
|UYR=#>U7D&|6D|?6_ML:3>Y+KUE?T=+?T|VZ05ZL.C6_@Q+*3LWTCQY(%0)K7\$U5K(&S.I#&3|@U#|QBT.0T%|_961%*B9>=&)4
MHF|OF^O^|D00/?13S9Y|526PT|DUJD9/Z&|X^~L|~FEJ\$S&*Z64|G|UH.M!\$WFE%>=&!_5VHP3A8_1)T9Z_
U_N""V%~X%>|DGDDB2Z|=O9<~B.G+><""M&CKJ_4&G|EXE=E@E^N08+T.GA^0FvR.IOW0_OW3_Q5^ZG|WNB\$5/KZ)P_M+3?
1QPWIZ>I7W=R:(X|V|/Q|D*>>4HR*M"FZL3#^#D9T?)Z/Q-O-M569TXK|B627"5Q3YC.Q#=-|8|\$X<+UW7KM\$H9+~Y8U:~7P#|E|P?
6_~!~VGN?K.6BX|B777_LJN_QJ\$#3(4J_%)&>533|K.LT.MB7D;~LPS@|D)O44#Y_5\$7W41.G^UOC.LP.J\$8TG|<~<_UZ^HEE"4N?L&
MQK"9A@IWM_14GCRG/31TZ&\$_X30F_?%BB?|DI|^+?>(X_\$NXO\$T|U|L17_MJ\$+3|E4|IRZHW|!"@Q;ML>~J|&DR|
H/Q2VNL#>IO>Q|_D.W=|Z.G6&Z9|*Y.M&W\$Y^1E|_3VZ2U.O)RS%#J|U6H9+U^|HBC|V1GX|28|T^ZH>~NKG;+~M_3XTHVB8:'@&
E*~4I604)_M3N/\$~@%K+SW&#|/#2U1#""VS6(L6?"/\$;G|8&CCN*\$FP_~M>C##.0|_10|3D^52PG/09%|H%N/3?24G"%0@S#;
<<~2BCJ@f6@5_FAR<_M85/?W~+~::@7W-M-B%PJ2CAGD5)"T.S+~+L)Y|=ZC7+OD/U8.Z::UBAKYP.X^C|@!AY\$W@\$SOE
M\$3F+~+MC|WWR;3JH|=~@NS>SX|@^~OU_M3HE|6^|JQC=7-C^E_~J_M-5\$~&AP+~KP|D>~\$&IRH?V&|6+3;_UA;"P05)9D|_
|/SA=+0^K|@4"BKH_MU1_?P%YNV.66T0U\$Q_87<+JD<^|Q2Z^M\$J.V=|8@HHO?TQ&S7AW9EK3@_MW:O^LN|OKSL^_V@%XC"NQ91Z/?
0|C&_W46|O3ZV7=FB|\$5\$7V+~E"8K;_MB|CU@=|JDIHYHP\$3(63X-V#;|PVEA2|4Y1*~Q5|<\$E4U0C_3\$~858<-191U

M\$<3+1!BBID0XH=UH*!E20%G3,2^N0:DJ*!T:ZMZEEL=0!4PIHD6X;MM*NGF!8.SX8\$K,\$&8"-9!VO\$,Z!OLE,E5.SJ:1.JH.6L^A!8-
VM0@!J!9!1MF3^3.A6"!19A*G+!CP-6<[J:11!|5T?78SR*6KSU!M\$?Y4JBPJ=X=6,S@/4-1K<1F_8N9<=>KS06P@)Z&G*MF
MT75*W8T3DR5E@/QWQO:CGZ:(1UC1G:M&8B8*XXHBC!;5S*YH*W?M*#^4Q.NK\$:3N58SL;K)S:@.G9#0Q5.%
<<4!F7!HP1#1^6@UWU^%\$!#1-%0-M'R(W*W:I@U@P\$,K'DL5?B\$=M?FN75XA808?8E06@!XPIQ=*\$4*)00X35"N
M4559RU+,DULZAM3>WX54K40F51LIQ!OD/%VBLO>&RYA%!#X-XQMT4EGQC!M-V!%BS=P79V16ZIR05R&"?7#V71&+/-!
(P,2N!CB+*?;8.OSVQ=>|<-%C3U!U9%41SQT:LG^,RF-M4I"|202IVK:4#;\$!TR#+9Y*-,WXJH6=7B-SO4?)N*L/NN-H&O2!1FC|JC>|Z M
:=@80!1,5:N\$,L18C%IE20!P^=->\$Z8UP813NZONRBVC"?2"/JH>@C9-MLXB465D!HWV0*5Q3;RLH9?=>XC<%G*K!Y#257!;M0:%75)@-
D&7J-U6-K M+**P=14X15X-\$)Q7J#57C|!"1""3#5(NOZE|@?S?D#Y19"Q!W\$5,-HZO40E!MINWQ%+P,+H0C73,-">\$WYW*UH,3SDPO"%?V".*8
MPA92:WLNWA1.&-.07X>"J1M*2CZV@V>BBB5*D7.8-WQ"7^Z<-,MW0^Z.3R!&-
&!Z4ZX!FY3PY!WR^9RDK9F>8!8HCVLR+1HQ22!:=4VU+EK3-MV,AGD2MFRX!>9@P0-!R7\$5T*UY-Y0:RSE!SB!/
!0:4RN(4!5:N!^OH@0!A M9QN+>=&PGRP*UK9_2-VT+SCISE!H!C!B6ID=BZL@HML=I2OM<#9!,\$ MEXL>Q9!_2UDD>BRIH(X#X;G!
3>UQ>W:ZWJU\$P"NKZ2#8!1W1!JP=|/*M-MSH6WZ@!1+&*@Z74<4YF2K50A(M3?MKD.>^"KA/PN4Z\$)LW10.UJ*M+<NOR3&"KZ!
|DDV&1256Q?82Q!<|H#YQQC*B!->A-MWEG!8-U@>>PX-N1&:Q5!;(!S!@=,%NEW5\$G?_?PY"?<&\$!-5-TW5R,RS-M*H=(X"XDC
4.15*PQ!>5ZH+!1"XPSHS6F"2-%C44K\$CL<-8#8U^=-09 M.5Z/&CQWJ0!|=)>PA.TYC-*H.X:>OCS4G2-Y+M5J"OGYEM-UN?7T.AS
MLN&E8DA07!@!9HJ!4!H\$4U/<^!A15@4JB^M^!&*ZB#05QR!02P/H#%29-6?>=1HN-F!2GUL<+1Y49
M7:-.YG1T0!4@!1*!:=^@L_.,:/@&Y5*E6-9L&!_7*!Z?-?+\$*A5N#2"MQ#2WI-8T>+!WM84F_YH#SXX+!+60*5H"-^!9LSY0!P#-0#S@W
M^5,"42#>8QF/Q/PZBA.G^CO@#35SF%G9#%TPU+P_Y9!Z?Q!1ROZS@:^MI-MQ^!XJZ^!P%9N_.OB>A5Q1_8F"B!W!9@L!C;0@*F&-
WIRKY!U=-W?C(R-MU+4UV"R@;D-00-W78!1*Y-S1W?J8Z.C6#L.G.%5V0U\$S1-(EG19=5LDA)?=M!H!X!R9G.9@BL!6Z1QX!4JB#)F"&?
TOMY(TA7^!X!3NG9CP7-N_4\$!L@0 M^C(*Z#EE T!5C!<!(K!0!5-9W!E8TR#(T,#8S,!H!86(N>&UL MI+U!<^BL_HW_!6!<|>2.N/
S&23;+!Y!Y8LROYM;DKR9_7K:U3-E9 MS%"DEJ0!5J!X#O(AH\$01+&YRTE59T^&H!NH!JL-J!K-^WY>|JAYQ&+F!
M_P!WOSQ!6<(^W;@N!3WSY!6%LUM/Y+/-^U!C:|^N^+!W2#?1Q;7-0 MXPE-@_UA;MH\$UI^M W"/?H!WG^!+M NC@_??_GEOX!_VB3-
F!MAC@*CJ&-M^H+=%6!H!R&G!6!8Q@!^!I&..CD^H3= 0F^!^?J!M5!^!^0H!H*!H!>NW?TJZ
M^*^>J!X=&*,^)!^?/BM!>GD.O3!&X=7;U-^NK+K.G2108 M5!Q6L!O!+!@/UUDS2!HKRI>O+WXLZ!T7R+GLV3=\$!K&'AXA>
(MG0-O#1+VG+WW1!>>=>\$F.GGS#27R!^FO:ZU!FV^M;N^U!R5!9;7-9USG,6!+7USP!CGSZ\$^WAG!4#H!*(#>V2-J3TESP
M2XQ!H!Q>2H2,=J6-1V\$1A!E!10AOGQVCBR?+.OSW"GMTX>ZM,#ZQ+!FR*8:B MRU/Y+Y,7-ZJO6\$1896QNK>B1!9J.^B7!+
!\$7AQEO!H@OV%+!T"8R3.=!6^M,KWLV_ZLS4@FLN!X!(/_M/7K!JR5#4!6%-8N!6?_E39#EN^@!1>"Z8^TFXLC MI\$-!5!_37@HBXW^/
FKL!..V.3+!A:FF+!+V^*(9#?&9Y38!JEVD!@?M^2T3\$!X+!213A.)H>PQ!|<@_!JXZ=Z(M>\$18!>7="F!6X0!_TH8.@M(V\$E!1 M
HX!W!E4H9&25KECU=|N0!L@>=>0&GX!J8Z\$5 P(2!"/@73MDG0!/(!3! MXJFCX6R?7RK05NM:CZ!GTHUQ M&\$7!6!^V!29\$!FMV9?
N%>W,P@="64OD2P"R5=X#2>(-M WP:NK4!EPOI#8\$!M\$!- \$6!-|Q!T2;#H<0D-H3;Q>U!Y M.(QF_SZZ!:EGL7,(F-@|ZFP(54.TLT*-<O_#?
_SY!9M0_X(PZY9:~!*"P.\$ MF^HR-E(?^!|WT%Z>^#D)Y<|W\$S5;K#;&S?SS.-S!7"!X%?+L 20QY
MY37!K_ZO<^!AV!@K&K;C/6XC4%I>6!HW=AKUFGX+!7_0+4T0,/=?)_
M(R/_Y\$!^!9!+8FOC.X=5(KG<8MS&TN2S)6M!HLK62VL^F^="00,V!PT MBG!^FS"(HOLPV+!HVUCED76?VD!T=RP%NC
FI@JL!\$D4!/^534#VS+!V^M)SIK!G+?M3!;T^OGXM4N-!>%8+LM8(!U\$!*!@_BB2,ASX\$U3!^//!R(X7 MI!\$M0=10F"A1Z-M&E@=%P00
B_EBNKR;H>O5!@XMFV>KR6:~7?Q_8JZB+BP M.)MBU6^2"AS%2>=>SHRDO>5S_2"B!B.B_!X&(4!;P7;U>XM *0F(Z6>%I MN-
H.4T!R2GNG>N>?|=I.-O! ME!-J8_>K(Z.S;%)!/"T304ZQ(H(^!L(KUO!3.Q_!+R7/+!+",7!9;DUM9 MFU5!K7Z4!)L=S)RICFWB-
J+!02;.@R;S6!^!,"97-X2LY\$-Z0Q?+!C!B: MV23=8GFI0!%G9G14GB!N!2YNEFI5DIRCGZX7_@OY!51K+!JL8BT!+!XR MO1_ GG'X&
(@_QAH7XN!1627?%HH#%;PN@DO!CT:P;C!H!X/O.")QBZ^V=^M>E9!N\$A2!8D%N88!1CUW&MD#;ZW/71%=E^K##ZXL3V.L.NR0-2
_QCH! MW= FDR.C+!|=DI^Y9"8@HZ3_Q^K@!1HF4^V5H-PCDOBB!LH"D^9D+L4D+8 MD"8W'
E(E-.8M)M^A^PUO1".EL>80AF@Z!7W769M_!M!O!OH!P(NVXZ_!+?KLE'=OK(N_!MYQ^XH%/?HP&>%_AIM7WL<
3(43~?1!DU!T_!5!+!M9^&^?JW>4U3!^2 M!HO!H(VY^?CRI#K8N3P!B-9!GS.6+!U0.0\$7M_ NW0.29\$YQ7H/U.W2_ M6KZ?7VNT.7/Z!-
?G?7/%YH@EQY?>#-/X(8N_8X.#-!VZR7HMD!4)G! MSS@R@54>X=%@E<-<\$U93>)+>S!P^@<\$3P%HI>_!I!\$ _<+SV06)R6(GC\$'
MHX\$GAI!DF>+!JLZO4K>+R6+Z":A2_0XDL JMER!6*0GZV!2/%L>M296Y%L!
M730&#QW#Q>?JORB!UO<+!1>YU>SZ6HV6<^!H.Y7!B^Z0!#OD7!3V3H!&+!R>ULL4E"-ME59D!UC-
DYM!G>C!V\$S0\$X8/3+405HY8G5.7WDP5@Q&KUG7@&OL!6GQ!;#_#E!&:~6--<7F-?Y-5F9WPUXPU=OW5+^WUN?
DLZ!PSXR6&AXS!FL"#^C MG2^O @<_YRO21L&7U;BKUPY-!U!O_-ZM#PVN!Y#UTRPLR4&%6HW!FH_S+!J.72*YPI
M@76!K;#""QQ*%0!7_3E%/.T+!O/QCAHY!#1>^#G+O!5X8>VQK(!T"A! M^&2GXXOH3%Y+ZJ"N7\$)A<7GG5X@V-
9LZT!D4&CWL!F#M+^H9V>S3N;^!4V@=

Z&T.G;EX_0L=(=I&81A)F'OCJ'M'KM50;ORYC AK\$S'E..?;..1V1L3\$-\$(7N;>K9+TILH+H673SI?HD
M5EM9.Y>K&T'&JDU?IW'M'ATCF>0&>'I'1<.&4.NF5W\$SJJ^F/M5&.M4.G^<OP-U)X(&O)#"D4R^*1%T"\$0A5_1L&^O.)^(<NAA/B-
9253>JFLOA<+ MJKE(<+ 8)@91%\$0U<@X3_1=5>/I64I3P1+GD4M%N^..@1^JO.V2 MU+L;PLI2'MZ(BZ7\$@""V+L.AM&\$S\$8VHVW;
(P13P'!H5)H0'P(G3"90ZX M92G\$(M-HCYG1R7'SL^\$K\$Q OX<02F'0_T66OJ_B1 M#2V|+T)"^+
M^%N&=@O("26'0_-D^ZYK=IKNXJ^1GA\$KI(FKJHN((4M55IP26PGOEEM#VJI MMN+P0).EJMYE(LE84X1;F13B-VXEL*MHC:57P@3=0Q;1^
I7\$)P.M5/DFQ<=(M)JF2-V7YB;0;N.E.MR\$3>N^D&\$&0V KF/KKDR<=3=WL15FC2;+*S1=+C.G.SQ3OR#K&NR;IT7V;71";KUYI_=V?
7GWIU6OV|+KT8I8K8C:(CZ M99>K+T;4XOGIT0\$%T|UN8*VWC_B\$/TU10VVZ_^;+H;(X"1
M8+D(IJUP8&R6;1@\$.&.%1\$SB^+711=19YGA1\$Z\$;RPh%E^8/M4(Q0C YVP5_M>L\$0VP.B2?H1/E3?
|W"0@DD:1CX'E"S@KUGHZXC6P1G(G7HD78S9GZ'QH'M#143_A>^UE;=NC:6M>#(A@\$IS->R%#|<+?|YVH_C6U9;_2Y)RVK#
M#N<1%9C(OE_BT.TIDRT<^M<1R7UL.QO'0+=>;^U#|X|>652;14LOU)RD)\$G."M=UA^12%P7Y+AA)WU_MGS'DY5IYR2"W\$H!
I\$F1OMB*C^10IOQ6.FG.+9C_/I9>U0 MF#8TXDL3+W51.9\$JPHYO\$U8XMEP?.UFE^ (EM'_='G|HA;>N|??.FIZ1H'95_MTLP3F+8^Z8APVM-
LXGI945.SV\$0_Q4LRNV)\$%NA.%.AQ#OL1^XS3E(2W081 MS4.TW&ZLE|ZWKI;4C3QS. A_XQ&R5+F%>D>IWED".O(E5PX3
>*H.S58&UZW^*V<+5<+<WZ'3R>OK=M+EI4PD23QDMW"GV M%;OP5BUVX>T(8A?>?A*Q"VIKQ@|P\$?
5*"Q8LOIBK.FPIEP<+7'07DG<_9.MJ2YIU@H6_"95\$FQ@>..N'<CZ^DIO\$16JTT;.&LAMR>T3.70H|+14V@==|Y-
4PJ\$V#)KJ|@NZ9M.KMJ(F'DW0>#02)HU M.1|LS9X/I3IU7H0XZ;I!"22OCKV\$X\$JE\$/M6GU>%878-1%>H>@=7\$
MV;N^2TVBFIR#AH%\$\$\$S7=BJ2!P.S:2|6FV15^M5A9_!^DB(M8TF'=2U#4/R-M\$0YI3\$<6C;117V(XIX=R)D#22YD.4_JYWY"=,\$G;YT_EI3PK
M;R0^RB|99IU4_4D\$%7JH76|OP^"P_AT3|8U|N3T.ADXA41.^*#G6H\$?T MI".*?_2XT2&(B.E&8'E(CWB%#G0(MLOB;|RC6V|T?_1V;A<?
G&8/&_904A<Z&HOG&F3K3M|UYXG>N0+>=L(R2(R)-OJ.%9X S\$3B9R\$*#74 M>Z(MT?T|O_+PQ;4G|1K6<\$U\$=JO)"0.E@E^04N>THU
B8F(S GB|C.%M="DW0F03)3VCYT_ULL9Z9=>L2*#M|>|35"1 CN/B;GT2OZ4>|(R3U_8TY4_Q.MSS0&X|?>V'N|8LOF;/_+W^"BUT&Y1"
<+1+9K.;7#YO)Y2W|XQ(ME@OZ5%2)0 MO5_-WA%%.7|_0I+=+F*3'E,UO*A-3%%+R*4!#"&V'/T'ZSH(L?N49G"S3QMR MU(X|=J>
<4/1^7P"1_TV(L4_6W=E@>^<70#DXNA=X-5?>8!Q*\$-0UF@-#C<+M-@%+1-
B*4I9NT3B@MR+*X.625E15.XY_10F2!*;.)H\$Z;".E/ET7'0VU M7"LTE7?T>26@GB&DF'+0+^6W+2W>SI_BM*FSD@_P@YV4*>OSQ|9S.*
2%<X MK%>H95H\$;WT&SS_16YJ_T|H8>;77B&BG&P2|JRSV2 M#^1Q\$49^T\$BPI2?Q;+YV|PG"MF>1=.F2#("L9)7LY?(S(X@X^VEGIO; (=TRW
MP?^?";9#N;GL3=@1#MGX0R@A/@W='A N%>X|&87^3R%)D_%U"@9511_<W?S4O MH0A
=OC5(>GZ^S@+C2F60UDHGZL.SJMF=J&KUSOV^*X(B^">L9X_7*G9| MU;0#04%;(R4YV?BS8R_'X3&O9G|@<1.O6D)H3;=_V<
PGO4_-9U)J9^\$H MB#1Q?CTFL729\$>8^"-D?B>9>VNH"FT+>.-=^Q;=U>H"RNA.YPJR

30&9H1.OI_!AV M^>Q|*%I2)16.ZP.)^*N1<6)%UFL|>SBU8R9I;JOIOGI?P1);ZE.VYWD>U:07&XIU_1#;41&8<8U(FM'6+>C>EGT'LV%3\$M
ME=L.R|XDL1.64E(EZ#;X^*/%A\$^#6M-NO.@AA.5ZN6DFD9VTKT4YPT4;M+&|&H7F7VZPN5<1(\$|2CC A.RW?18WN#9^47.LH.UZ-
3EMH4C93SVNOFKZ M_TXA|TVE|H/K15GD6X^>_I)Z0%&-UDYV>>=>6|2C|O.55HF"&8=HE0E1\$D\$Z MHO8/CB?;"@C?
\$>89U/LE/F@|0>N;+)?^?^Q+>#(W9*A.O|OHL42=T^2(8I M_-DL9@AR?#C+&EIGKW4DIN|NAZJDI@HVF.1(\$|RT(ZT^W^1^*&@>@9;>C/
M1OH"S7WQC>>+2EG22AREF0075E2ROH1R2_<(EARV&ORA'R>#3-R_K\$+@E0_M;"Z1"DO'((C.0_76R=Z.ZW#=#J0_-2>7P5;#FR5NB0-
1L=|@|A-H;M;FW MCOIEM^UL;2^..Y/|^*X+HW"1^1"@TCZ(I7&1)R2;Z\$;6N2Z^ZX?)_8V3E"+..&K5&P M(CWOB00XG;OXL|H\$;
FIV2SQILMK'0_NEMFN_HZ-D;RNP+H?QXIH| MZHA^ K7W-OA5HT(X_F&PN^+Z@^T1)|\$J26VC0D|X=.;0+AB^\$S\$KT;I'
MY9;<G*K;3106|3>_*U15Q* MIFK%>^IGZTA44L"\$1*1YDT+UO80SG^|A"GX_A\$|0;^<R0|V#=:83H&0 DR-V O:X^HP%\$>UP0(GOT;/D?
D|=800'@_MND8YGL4\$^";?Y16^&=V\$..Y781Q\$YI^1(ZC'RC_%|N")B.YIFHC3@A<
MPNEW>MA0X)=E1.H712U&>^%@PQ1\$ZYG;=DE!OHOC.MTQK%#"HX|8(H^XVK M..=@|>1-11^*=..V=(^F;QS@VY/F+3.
(.D'6LXSNS5\$WEM|B.E|O9BIV_ M%U=DI^5/44Z/UJHYF@F4|W13_X;B\$;P:23I4_5P MX">4Z#;7G-) ("2&|�?#9UZCFG9
W^62I0RTZ.LH|H(SGI_WY-M+&YI;W4;IR?N;^5G;12CT^%>^7GX2+1.NR?S4343T0KX^@X>H6EY
M%";770!OEOQB**>@%\$G=IV(9H#BX:6NZ;J_;"^(CB%|_M'0G0H-/>W0;B0
M90.PH%;2+Q2<5QVA3K=|H9A.ZZSP1-5\$2L(<T@EK|A^"W"7^ZN|=22L(2X ME<_|<L0_I2D1O|*%_-71#3A|SUAH^N_1A@0C..1*I
J^!IS4HX.3L^7L^5" MA@;!@4?)1-44 3I-^#E T6I.933C@<..;.*H6SK+/_S'(HB)VK8T@&N|>A M&S@L'P3|VY5+
H+|O1.9RI(MR^<1QY8T^XZ^>3AB_X6INU8M^T6@#00FWE M9\$G+|I7>;@F^G34KTW46_FOB).LGBUN51.AT20_GS20PXI36/HTS\$R||
|P|H'3D)(\$@_M'8'ENW*S.8PB1U)DM2=4HO50>VJ7OSM(<L_\$+|BVNP9_-0^X#;P_>VPNI?3 M-|*#|6@IRRH?2=8.R3)5;..D)R|T-C)
<;S2D)O(6V;K>@O:T2R)Z0 MKK_>W6>M|XA+)|4;5#)L_>TE#0.61F|V@A5|CWQV1+T^1Z_A6T4XZ^07&-3ROA.0_%|1?;^5L\$|?
Q|J5;2ZU+|40;-E+4.F MUCB\$^|T+^|9F|/|S#U|C%>NPXHG=/KTOO^15%G?(%)R|J9_EMBK\$5)R|X MH(ZT3;4HXRU
C|<V5.HL|O/<X_-2W0LB..O)Y59@086^<FCLP1D.6TG<8EG M<IR5401+3_N-1\$ O21#2%MX#_%PT;R|H42V?0801\$53BL(B_(N|O|FBW-M)-
S_!F8A5;B+<2LRB|&(H>MCS2>|FEY|H%OO.)MC0.\$|N^@7/2(QC&Z? M;#>+T'MTZN M(^)M%(AYU>WOD)=4|NF07((.-?
WGZ'R<^<6V7#|<3_YX#_M_M/2)U<Y0)(UP8D@<_99(|HZE7Y9;STD?TIMG2UD+E9A@53H<^+F-
D|4%;TH|MDPZLX^<=^LOG6*)J_JRRB;O_>\$2\$|P2S2N B=+?WE-KM^|JP+U.PN|F6V&B(FJC%|OGUH
MYXKM|5_+O^<T<@|HYK;|O1A^K6V0^U2G+;R%|J.CB|5-5&=QYE|9SF%_M5RZLL;HGTGC^YE^X^&^W%V|@T^#_3|P6933(I-?2
7S1#X=|/\$_O=|Q?2L| M(59^4/+@&(\$L3@PTT<14\$YE>/_GVO..;HE/DC92>^VE%CS\$^2C\$M_5J|>R=SY9'T0I7;@^2KN9_E^E!DM|=LT
M_OX&UL2VC_LCV56@&O;#0\$R-KNXG7M^(<#A+VE.LM.&I2^QJ^H' M\$W";BN&D_-\$%KX_>\$5?+7H0I|@A8A^1_>M\$#
GJ8;2)Y3U;GNLE9#B);5@_MT1R579+1;GRTP<T/|_L|LX+20^3TA0A1T)X|YTOR^ED?U7_*PN7C.O<\$O M126A1^%G#/.GH'GJWW/
3JFKYXFB_DOD|UN4^3Q16ZT7T7_T_GIY+471-L M|=B|L;H(CO\$8K<1Q5A_1K>X>=(TU<1MAPZ&-AT-Q0V-N6WT|9.S2AT-
M^CX;9;+;CK;J^\$*F8SH406P^WIBYU&LR+^6P(49ZA-&#;QW);9+JL_\$^2&G
MBPK"1KZ0KH"A7T"GM55I5W45I%W;I3#YMJYH(J@M/0&%AR|DGYC4@:5A"(WJ M6H(=Z.XJ|<2""6DWBL=*1V-
'&CD)Y4DKV|ITP1)USL>|P"6ZYP9(?N M(5^IZ%+@JPO')8+>#DQ)9^<(CDOR M(KK>F1CKUS#U(I7;0NG<^300F2/I.RJZFXN+E1-
^OME)S@>UG0K|Y+M_ MUI^_W2;G+&3)HIG^R)5\$3CALYUB C_<N;K+Z;2VOT7I^LYA?SZ>3 MQ8<::?<
+AP6K;G_0)U^X\$;..PJHG=<KJ5-D\$T^TC9TU<=>#9C R|V|H_70U@M)V-7Y|Y;Z;^8V><=ST#7J;=H|+;@_9 M?BP5%**FJN|R^1P_K K2;^
@K5EJ(N8|/LBB D1D>9S0FSS@D1H@<(<%C MLN60NH(+/%@3_Y^C>?3J|T\$&JN36JL\$HJF+7EANR0+|DX>K\$=THU^<^P M17WASM)?8?
J|E|@DEU;D^CBME2R5/GC3I?^*12!&6EDL1BHG3_-\$%|OC>Q M-<K^*Y9;+^O#WYJF^4Z>WD@^1AH&I=9RS<9^*@QS8;CMPM&9-
8M+|T?) M^(<@8U33\$BS""ELNSR=>N=|H-RH^9#1G_10(G>HIF2H@V ML075@|K1=TS0YU719+<N0UZJ9W10-9=3.1>J0I
<_KLOFQC?>2>QF0|HNDG(XUNR0>"G|H MJ M>QPF|&B6ZXV;#;W;YXOUL0E+3.F12.04C4;#W^C\$S4J|<RSL|S6+TUNEQOZ%W>S7)Y
MM4;KY>V5|5>-1A*O/G247""U6RU3^Q&+YRNH\$;U(Z^V>Z/^)B?6(|S:&|>&M^W%R=KS^+5H;BO|BS?@U^_#U<=>
G+&#&WYH75|@NTP1^#RG6-N5\$#P MLQ7_%W2%#TE|MN1_W07D(H|9_I07R<^UFAZ?)#>\$ZM0;TGO_|@I%>VA.)TY M|N"=(<
C_1R61D9L C1U#?OHS>O_0_>|S|^?SA/|H|LVW^XFR@B21L7C6_MWB'3'IW166Q\$;S1W+^\$M^1+1+0DKENMMV-
YX&C.3D7&;\$74Q_WULH02I8A)4B9_U\$4.0W9LJ\$70P&PQ91GQ@_9RB;2\$34Q4N?4C2A M^UAMS I="UGU9JGL@M|B**
|QOHF)%AZ03|^OX^_|_#;#(R@ZMIE+Z11-2^.\$/1=1H:5@_MULJH?%H.KC4;3I5+R<.<<=&SZI6S7B&BZ\$=R@FN|!.#@UG(I
ME4|GN\$|WK|OY_PDA^IS(5^?K8HROPS1^COH%!!7_Y%8NTJO<+<SQ6;YFL_6KH|BMC&L7F6D=QYR
M90QO+^34QJRM,D^<P@;T1:GRO(FH1^Y)89-R.7\$3/T<+QO>3KKLY7U_1|POLPARN#W^#_#L4C\$|_3\$(<|H|BU(<(<K/
MT;SQA#3UOVJOX@E^F R_VBB;T/232?_%2;2A^Y&A<+<+0)=L1#8<=<H MHFTN7|^8.F)<@/8S|<+|ADS08"\$G/SV5!@A|D#08_4^2M4%/
MM_#H= Q72%R_U^?8\$B_L17^1.BSUFZ^K0C?%51-\$?;O)"1CUZ^1L^CYG(86AYE\$5)FOLH7;LPO@AA^&WJ_20P@5BVIY(
'9;CO.@S3@A|CEM|>HE>TX_MILYLS;\$HLS&XL9C&O5E^B.\$HY46IDN&OK1|WT0OUO5PY0|HXO\$EOLYJMS5;K48&\$ M5&X13OI?
N&K;1CAH&_9H-0L^AV&OG;13(<=SRHM9^HB|P>_RZ^H|Y>1^M1|O^V^PG^1A9^\$G/2-3/LZ|ZM^C+^Y@|&DE)K0RDYKEVP_"=9>|<X>G
M.D*)^_D.X+2)@51%#%VLT7FJ65ADX?>43910D#^1QSO7HLY>1^#H4H/M|2E M\$^*Q0A"=VZ#EM9.CT^B|O1?JD-A>E.C(S#HMQ&BNG>-
^2I^1?GHS.G(X M@+^EY2T1KED2NJ4J6|/1^1^5A5=WA0D%ESY\$F%K1CB@.^A^J)XMCYXCA|_|MD.?<
51^*_%CQ76_+_*1B&^*U0PXCPRGW.QH96|YMW&Z.O2%K)C|L2_1<Z;L<7D7^1#A>B0V|J^4(35^87_D_@9#%XA M.XB.W1^5%IX2GI/H|_-2
=>8\$|W76_..YX|3=;VO(S:OQ1*>>GW756K\$S/Z?C=&C<@&L MOM+!QO|X+V3|K(P|C|O10WGP.Q@<ORLPG|6_"_SO;S11>)>@T1.LV4R+!^
MZA|HXO=<_&CW3B&_YGLV|H01^1%YSO>H4;O_YI 95Q@9IR8B6|H0#_ M|N1|S|T HR>L)ZOE%K;
<\$7^FQT.L4E\$)#R|>GHKM^5&>_H7Y>O.C&_V7 MYKD_N1_54C1+V%5_XN|9_BU5 S\$#Q^N9Y0IG^EVB^<
MYMVJ>;=>0TE*19D\$FD2M_C1QK(&DV1)^9_PG%|Y;@|UWA0Q^YQB|YHJ; M^OTBL2;^I_WQHX;H1_5\$P8CP(OP^HY&?Z^Q_B%Y|A|>4XY-
#RFP-HSI^TH_@|ZT3|7AQ;D?2^*YF(F^6 M9C|=3SZ^Y8N7V8;7FIG^P.&Y1B M;54|<14T?_Y1O MC%N+LH^C3R+@_BC|MGI|BU8_HPQ%4I?
20I^Y>;=(6F^ZL5S99Y.YL..*461M\$?DIH9_N^%YPPOL0^IE\$U@I7>31%\$SNY^|PZM+&B*5#|?D|7-1^<^G6X^<D^T+H5HP\$%W
M)PX=..500QC_B|&4-2|9D|>I4A(6VE6|9;JV50_MAI1091|=2?1CAO33H^<1%0YTI2M\$^|S|<_P%|A;X|4TN:S&Z|X2SKH=);M^8)6Q|?
|I<0<^Y^M#P.LKS>8.P0=Y4BK05/7W>R=;R41<^1^CU4CL3R4CH38 M4;V^66|YV5;6Z^0^E&P=\$K(L|WKBM(K^|Z/F=\$?12D
1^*)MFR^ZLYDV1_!@79#;8WEH@D|G;0G M"LL|TSFDP|LAI^C|H#08IJOEYCF;3.Y)G|BE-5I7ID7+QIF^_9EOR M)H(CVCQ
(#>KB^RD)PJSKL@KP|YZZ;3ML+H^Y;3:46%8>HRK^Y>^9%U;I2 MSCTF^C=6H|_B_S&%2%LB)X|TVH^G|8'8 FGF=-L968UDE=77 M;
(AFIZ^>)!"3AD@R;;=W@>|d|HJY5B;0;5)S;Z#U<<2FR^W#U&2T72Y&|_ MF^ZG;W8I^>^H(GUHP=ZKY?474@1M|H\$.S\$^WWUGK^E-;

*K>P%&Y8>JX M;+T=;M)0:~%##+Z/1HU1\$%N>O&67<@&J<~""#07@;@I5V)BC8~"O/LX,7C>~V
MSB&809P9V#AKSXNVTDD#B4,NOQ=56I,7EQBZ\$@39~;1RL8?=-@I8"7IML*MF04="CWUHD5!>=>1/I#(V;.*ZKL2N7"ON\$19
@C>3FI>EPW7\$~+I,M;#YBIQG2I7ZLSLV4YF4;EP;R>I/I(L@;~QM#R#R5=-EAMFWL~ M,4Q+>#D>~L5Y1RBKXI"#\$G?2M2-R2A;TI?
_Z5T6Q9'FV9>6=C*X.PCD?P5#MUG M0NN9ID2.PR.C;/&==IAY(@Q;/(G36I7;I#B("L"~I_0E=!DM9J4WKG^~2I
Mf0;U3RB1~;~7+QVG)#EOYI@>~"">9*XZ*Y%G;I)VEO(I4RYAZ;~*W.CI-M#QXC#I3\$^3R=*0/2Q8^J\$~#I&A/IMDYI_4QX08P9^M/5AA:
M\$M?Y\$Y^B=^270UNJDE+I/&@~#YTI;ZMJ+~)E)7YM0A~;~Z\$;F+3;ZIM? M3;11F4779N8S#A^#~
NOXFk.0LQ>~8R;B;4BTMJ@TB.@J#PKY+VW/I~F9IMU M?MTA/3<~#SIV^&7J-B/V;A14;#?2VW#;&KJ:QID-E#6@;3-F0(QB.U!05?
I5H9;ZTHIV&S6XIR;VP M'6-GB*#3 1DUJ>4~AOPRTO;I/&JYH-5AP=>I>L;KTI?7UI*865&VWX#C\$N
M9Q8;~Y==\$)NRIYPI1D;3IQ9:T16Z6Y^XL\$0?3WQ5\$0D!OL!SEN/X%2EYX\$#FK"@I#I<~I2J1^Q9 M3A~J
'KRW=IHI&*W^I/MOC1+~LS6*FG#JH27_5K1FAYC*8IAT;#9?I17N M3T.YVGL""U"UI/4R*B=H;PH6FI3=5Z&2N^H
U;802K;27\$5F+7H.7DPA;JPQ7;YMHCC~K^7L7R M6OWA;EL@LAWPLH7R29Z~\$?WDN3U=W=N~J29T9V"HAJEHFFYY>S5;_>\$~
M_0SVS;=6~/9OY,7XZW\$G1E\$?J<~CM+?C MPJC1WHI5";=I6=6>CH"RB@00@ (EMI_TI">V>^/I);<\$3E\$HIIHJHB^R9
M>F^8TC)0A&I4LA(2#H;)%I3&@XDG'4I.R1I3Z3(MPN8)^>~BC'ZO>~;MRTI0">~>2565K_NY)~OIT9WXOQZC;I_IJ_D_5+DPH/ 56872X*8
QILMMFJ MJB-JC(1^I1VMD:3015:SVIN9HN-T8RM+1;198EUC*YV>S>R(9W~*R ME~1Y>D&T^A==@I0363AOT7
0H\$~W)3M29E4G;GE\$K3Z>4&0Y2\$ZEMG<M)IYO F375UK#M#72=IJC4RO(X5DC)ONA.QI!6I7R=S.TF?0DOD?C.C*M*&NB2?>)?
L~^K>59740B^LLUM&\$RE>VO+N;~IC.S;Q-MZ7*QF2I9H0I""I%JDF_6J:A1I1H5FC(76X+~C%Z1^YY5)I>^V~"XLIUW?UO MSUZE9HII
I>JA+~KUR=I\$052I#%IYZH;@Y05ZOS\$MLIX3*Q;0@>@Q(Z~64 MIOD2)FKKSX\$BQI""KVON7J>~X&@I7LCS)9_71GQA<6B2E
MW;IR4U4K^P9I4T^BZ,3Y00B/+9DZIX7?~I-I-Y)WD\W\MU/ M5IN?T68U6:PGTUAUN5@;I(I^+UZX&FW,NK/_)EFM0)NL3<~*KG
MG>CUH66?EFZJ173Z2I56AN1J=>~ZW71WQ)BCM^VH M>E36?~X^JORR3,64IGQB%\$<~*2AP?3M#~YIR.YM5'26)RA6V7~777(7 ML
+U2=X^5.1)I;M/B2T@CAT?3=+MD";>~NU78QNYSI8I6GZ7;RJ;I>~M8J_5/Q7-8TU9H99TMMI@M_5/PV~C&&C 7N"Xf.XN-9>
M4X@D5P)MSB;THLOI&2\$5C'L.G 4Q4)BE\$%K(OZ Y2-I8(CIO=Z~@=*OOP MYI34V^+&)~)%MGTMT61=-.6IZFR&W1^20"Y-32I)O;F;
<C~W25)FYW;720?I M3G687V#~>OM;X<OB.OQPIX@X%XD9T MI&XG06*3+~\$FBIZHAI
\$K;45F&77F#3;Y80DBYN=W;OPC~TGC&G3W3 M&^O1D^0CHELX@9;#=#N%\$/_0\$P6VS0I'TEHMO(9MY-
9HS)AIHM:71OHN@8^/G^CG)0) T00YI8LZ86770N;=#)IRI"? MMOKQ;0)YI4<;@G4=A%?I3>~KV);6?Y=E'UW00B+6CW;~*DL=<*Q8I+
+H ML^1E8V\$MD'(RDVRJ&=VB/TW1EX01<~NK#IAH0S5IJNE='DU<ZK_6 MDLLM;=GU4'&~SMAKW>7V^JWON4S;L"\$ %\$&2^+S>Y)
(QI63Q;A#N3FW5~I0Y@ MN>~&ZMHTINX'EE2U00I P5543.Q P=GZI7&%;I@2G4/23QT4+W+<5)\$>S0Z~*M!22)~NN?
4P"3\$;7,0U+HEBK#DOEXH(W,U7;#B.VDR@IYMC=99EC?P>SI MI^#?V~)EGC 87RZ)XL?Df_15&2^?)ZL;~6"1SWQ:S8OB^(*=\$Q;1-WS.>
M^N9^G^0:7IITUINVHO^P" XE8;@ZIP;)<Z1WA@ TN25IOAFBI' MZ@>M-Y;I0&@H@~8Y7U1VAE(I3KLCVO)I+E(Z_HA2I3BK;I%/#N?
SB*\$1# M;IB&I J^IX-ZT78_N-3VOEVCAl>ND/A;XK#;7MAKV@~#;CW0I77-EK%~UJ
MB;EHSSA7<~ILL_NF2R;4#N+OG^C@I38N)I4DIE)NU*08-I4"DE?5&B' MO#>~;I6IA<@(?ZPC0H&~""DD:079D.&FZZ\$TCD*~T;X3I
GKV?G\$RJ7;R-H2CJ7>(H&K)OJ:XMWL_?S:1>VJ^NVD5O M~%5_09T@C15APP# N^8M=>~P/VGTI?75P8;MKN07PN^K6I)PNH^3-
49I;Z.T.9+5 HT* M95I;I;~XBO&IPI;~&H^0L~ICV^VI+OQKI6NWUS3H_N.L\$H10A;I M+Y I8&T1BK+<2E#YMK;OC4^I.2;1~*~
Y'+X2^~)LC(I+STYIP~+K% MSIAPI~19Z^UB)+^S.H;J'(+)O&9)3?~@IQRSP;^Y@/TY2_ \$81CB/T.1L& MO?G^N^70KOE+W33JBA>I/&?&?L-
9&I~L~*W0I M^VD8 LLLFF23)/66BZF1 M(CIM.T2I'09I7VE#U%>C0M170D0I^&\$J~&K>~>H>JKIJCZO+HLFUV\$~""
M#;XII7V5H^6K%6DIFFC'D@9"9Q9Z3W1P(SP&C/Y^K)4I;/Y~%36N?4)ALJ MOULHOPT~L\$F;G7W0)N@~*QN&\$;"U
D9~&3=3~4%1^TN10\$ MBL7YR<~3#QW&B4I0881#A?U;~?1=FF^>I9I_H2;1C<~E.E@>S B~M~*~
(OGXFGPL\$V\$~E.T=RK&P48<7^~T^~_3U4%;_G18KD<Z50~#?FI\$QI M/(V^148,6~*CWTHR&@~0L2D9J;(+P
7.HAW+I&KH/ZEPNH#~RIHFZQ+ZI MYUOAAW~XIH3'JBI+^>JGM4I IV4NGB==BY48?IL%,\$S7M15G%~\$;3=H+
M5;HAFVWVOE3V)B.XI# 7^S6V;~MFRROVLORRJOI3K2I:3R87+~#YI^I_ZDV6L~RG)F4Y4Q*EK.Q07(FEN6L-UE>~MMY?
EM4E97D0HGLK6P6~ZNR85CW&C;~U+PEQI8P7&S3+6^I'UO?2I5 MYL13&^0C/80#(03;~#1:8Z^N;PHL\$=Y9IYZSM/GTO(+((8-T
'T'9P M;ITJ^0\$~J.DI^K;ILR.DCUR'B&~L72+~#U%~MFMYZHAH&D/K@Z4&9F"3 M(>TE O C I H2.F.I6I>~J^+I M;#(I-5'3I?MIX<6-
~K%6+I6*7Q&1PI MIA=3+05;WJH5D/=RTCUW<~;XRM~""(W'B9I#~""B/O29SPAT@T%FCRI.V K1 M(IW7C^33_S2*(DE5XEAAV>MLJ\$10-
K\$%;(+K=W%EEH@3;G(\$ VBOXRWB MIE8U61>~3C09*BF4%HZ^2;6>EV@9S?QM:41P>~I)@H^G+IYIKT~\$R L
MD&J?UCIPU~LQ?)RRC?2;~*4KFE>I5UC=8M8I5.6LW2>~<I0V^2#&TQ
MUH5J<~+&01J<~EEJ.S6G@T8RTH>6YOV&ICZW@>6WV2\$^@AVB IX 0I MY3Z(8M9+^~IJ?(*IUTFA9 I>~I~;MOIEB("=I;(#8@~
IE9PV'QTFH21 MPT\$X8T4DT^&6VUIV~*)U%5JZRFB=37C)SID0.@%"2&RPO6M; T%Z,T>#5G&&A#\$^J/*SH
MPQI%UIY;~60CU^P=PZJ=4A.M+I5)CY7?RGXHA;2I8FM8&OCIZ3XON>L.\$3 MP>I<~04@NM+0IE+IR#I8U^C(*IUEPZ*2WZ48&-
&IT>~93BP/HX4I#THEO/MJPM;~SEJHC\$P2 IR.1T8_M_(\$ 5IT+YI+~*Z\$D9I_0CIOY>IR(4~)MQ @I3V4OS1?&
\$SY6F4QI~R<~03=HIAV^YLI&XDS4HC~J=XIOKEHLK%6G1LHIFDR&IO M6^~"MR_AZ?4L=;
6@F8V(DBB%1F9YIRQ&+6<~9#>IYVR>NB';S1R('=-7.5C M;XWL#@I~;OGAM=N(ZKS*HWN'E<%M0^5W'P<~
IW;+VI>B;W*L=6;7YVE+AA~& MIGXT.GVM K+EABYBWD;~I_Z\$8N>~%7MRHJH?ZI#G IS*80(X&Q@ ZQI MD+1&I>~HGI2#I?&br/>3G#5K)LR YZR.FBOI&H&H;43D 8#@&~E.S@&~)T)B-M4=M(9~B)50&I\$?)95RL8W)TH\$~-/2N^EMMU@~?IH_3'=7ZT0?~D&N6 M-
I.Q0ZSA.51-1J\$E@EJY9PMFWJ3FHOI?=(5PK~IYV\$Q I+ICF@P S MM!4&(4;15%F%=@OZP*FQ2~932.ESIUQ(I#P~FHQ!
<I3C%)LX@;0+~)2L<1R3\$5I9~&J DG.&^4=^M%U?U<)HY7?~I_M%-0NK7,3Z4?+~)R7DJE;G/ A1B7+~ID N^\$TLFFH?C*M
M^2BFYXHM#D/LF\$XMU";<~<~<#G9>V;53B8.DQORINAG)M~HZ;6#YA)I~DUNP M;~JORG#A9D^ORY9;J NM;~AF^~^H=XX-U.0>?
~+PVY>B)7JFM=3IYZZ/KFB2 MBS#ZPJ0UIA<~#5_E(C+HX_3Z/I\$H/TLA+~I_ZLXSQ&9~*)Y9>W2@~0S&
MAPIEP#UTGDJAR7IRYO+FSTSUX3LX20~)JY*CB6VZUK8S961>3YVD&0HTI0/Q)NT3@ MT96\$=8L;7.10IHPBC0H<~M8~"6
#55_KI;7;P&J>UTE9X;ID^M1%PN W"/=U7EH^>~^ILOI%I\$VVIZT(I4 MW))#80W&B*6&~""\#~UD,7/=Z&6HNS+1Q:5Y5%*=5PR9M-
X@&C^V~*J@;4V3<4B5H/M%MNQ^XSGOAWL<~9ZH9;>~E-FR9JPG93I+9Z\$<5@;~JIZEP~"NY/Z-GD\$H M1FU/BHV#Z8;~I#Z2Q~#6V3?@CG?&br/>D^22VN TE19I9X\$F650=2RLI);T3.K M;I4+K%6VU)U%I7_S2L@~91U@/929=Q.IIDA)*CHVG678+5X00)XW*IPH<@ MI<~3#WI_FOI1+IYQ&
<50\$12F%IXVA5E5%;G=M=G^OF'6R5_#5XIRHKVT7LK M=&EPMMP(E@3Q<~\$)>D:1%W=5I5T9C+~+DMSU@~IM#56L)EP+5;#4Z;378
MIQ4XYGYT#F;Q@W 43%1!P6P MH9;~C+HV&Z14IHYH>FIE=VCH+2;I:7E MT3&E!U~^U.R#H/HHH^5M(2/29-C=Z2PHM>J;~
F9RJHIM83N37U84IM)1L69NT684.I0/4BG;Y MJ-CA77IT?P#~I;R;R 3U>I\$09F^&~I.E@R9S4I55ZI@I-5-UB*~R+L MM#^JIT'4-U3X-
~1#AP3JIDKV@1BZ3T_HC@~C#M%QG-D4BI;H;Z&H ZJV>~TMS MR7LU79I.W^~6HWD9IY@F)3GYI~"S0CENJ7^4;10+2K/B\$Y*~?
P2Q*+7S" M/=WYHID+MHQ@=GJ&\$D3R";I/B;I-I-T 4C0U~""UPKJTI4I6F%WCN.E9 M51M&M2MU~@~8W'DTG7Y000 CW>1F>N^9NG
~"ELIQIEI? M\$&/D4_6(#M;~)L=I=I5JIK4(QY";>WUIU_@Z6A15IE87>~%+0TKZ=&)6Q36C="0?@8I@H3F46^NS'SI7I4Q
M16U&REOQ_?I<~^V~.WZN@HY;X=\$I6)TI?YI/8.Q9H?ZU9)STQ)2I^I I M< ZFQ7595>~(I L@QR#XD;Q^#1HP^X50&>~IKJ;J<~MZ^I-E-
HGBNK;LH2K M)>+~NC O+~R#CS2SA74@?XE/I?%K4AK/TJWX0I VU@~6B;ID4?W7B^LID
M/=EYU^V(OWGFWFPOI>I1=+ISJ9A4IE""=>MDZ;90+=IAP+ISWQ_"(G MY+UZWS~Y)C8Z@%>(SIY/EGA%%(7VQ&K^"/8)/H\$DNI
B3I5-5NS=;~>GW-MQW7V6JN^@>@W7&8;7SK;6;ZD_9--2D=NV^8"=<=IFUR3*BOJH@~I'(I4I;MCR=ISLIYI50;#5+
(92Z;J^DIL(T5Z8=TRC1~>S=C;7+N94;4I/X~*R&~ MM#)IL#_I47VT69M4AVW^WCHQU;I)TAQ19VI^O@IG3>3T^W~.6(I"?4DK+~^I
M^4%6A;Q@GZ<~#~O^05MZWZL%NZ<954G;I.O=T\$89X_~Y#DU^KISHMSS@~4#8>V M8I8KL6X>B8UCW) %%(I\$?;~6X=I
I0Q&470DT;FAGV&UADM(I5;D;U)U6+Z M4EEF~?~UP9ET)S9M%G.DIS4GSS@DJH=9XF7=U#NB&@D;@%433U#XB^I?~#< M5R-YM"
(OY2K8D?)>~GE#RBHJ3JW^GRP#~#6 M(CY-KH^5<~WZ3@J2G2H)73#PP0NE;7G=4YCD#T%NV~MSZC^E2=Q>~\$5^X
M;U.OFV7R.CA)A)O9_*FZ9Z(6W=+~V)G~;1K>X^H;GD>=BY/67;=M*~6 M4EHMN#R;=^9P^F64VN;~@#S<~KFI_HZ0DR!>FC:B>8-
18U*OENHJ(ZNI;M;UX(6-8_7TAFJZ>~# \$3I I=2U83K>I(58C#2 1>C~^K;(>Z~(Z0E DI M)F(?\$5M\$4^VKB^E MVI-
48ZIAO^L(7+>9T&G@8N<~&G)>RLW;M60%TH&H80^_12LP;@~BO5#@\$XLZ9?EF:27%VE/@Z"0%Q)I-8_5X1@(% M5CB&U;I=I?&br/>6^*F0#++~33H0Z?7;~V>~&LZP7^IO.R;N01K\$6;D.SZU ME_05RKCP2#Q3@X^I@HAW8>F;597+FLM>60U\$;IP0^I35K=;_4-7^I#J0%&
M96ICP%*)UE E2J2CA;5\$V0>M#1330Q9#LU&O<0^~5;MT264C;OLK3%Z M7LR)+\$~0(RI^0/X\$P\$J9HW<~D;4);T M22-
^35Y-0BJ^MP^GF&G0W.4~^~QI9<~2E~^VAHG4>Q~?G#~LZGTA3HS=4 M~*?GYI/IZ<~&_I55UW?51C4>1G/AT;0I7+8N/Z0WG;O&XF&6
M;4:C7UEJS=045~;RYF2KI716M8+V=544WAPIDA;~552W 7;I5-I-DJ#%#~ M;
~L80H0R8%+~\$V>Q\$XAE.W7@.SZG>1YGVJ34(ZWIN\$;Z#LUF.C7~L8.08 MH@ S.U58+TI^FSOP>D(TL+D#RRB3"=~/>N=

+19>0>_M"(W6F|OR<@T0Q%\$I0K.VB6&PM:U:8+XI PM1)=XKNWB M:-(?XDLRZH>>)=(F%)%0-
 76UWX1:M>D2D(IY\$)Y4).&9A_PJ%.%ZKA\$FRA>Y)A\$ M:G0823;T:2U<<"TF9<0I"/#(E\$Y^F8H:R@&G&C4D:259I@P^R5=>=#1"S3612I
 M>Z>2>S|Q5P7?7L9U10|=CB,69Y4W,XT-OD0J0*ZM#J|>|VY^UE< &/+R 5%I"-.*LC,^ MRJCNMG|JW>M:\$=&I^ A^L^>+8>S>OLV4G1U(I
 <=,Y\$41ZTO@_1JZFV=0? M*M6^0221\$K|HJ^*B M,1HDA41^1^8N^>#7?>#4%309^VS,;0.9S2U6CIT;
 M_OJ+R|0/W^|>_UO_IYDWTXOOSL?_V=|NWST_G_RJ^/FV_#|H|X>VO M#YM3Y^W|/_V^VOM|_&6|QG_|=NO|KR|L6_CUH
 <7H= _#E|OE|2?S|XZ MM^%Y^&^/E>OW\$S<^?PWW\$=V/G_#FUU?OWQZ/KC/H|NWU|_J_8=?_015J;?<
 M/_BOR3^<^VTW^R|V|J^<^GYS|8WSZ_YF_O_/_17STYP>/_+CS|_/_WNF_/_|MBNV?O|Z9N_YWJU5|>WRPVE|^#^#Y|;1=W?
 RCW_~97KUW= XY<+>WCS?+A|<^>_Q_<|X&_<^<#<A^<^1^26: V/C M|S8V<_O+|>|PYLW+|_#/_| WE3+|L WV/EZ>_WO7T?
 W^%0=G=_L_7 MU|>_OSAXW_::|2::|HM|D|_OC:X?C+80/#=|OM2|A:|& PK_<^G=|H|^?_M?+<6_C-W_Z%INO5Q87Z42*O_<7KN^14I?
 EEC+NZ-2?Z|6RLY5ZPLZ45|W-F(H>9@>HDU8Y%63JARLSR1D\$@7(FI2-0 MBB_H"B)MCHKVS,":>%IPD<@-
 LZJTLY<#308M=K6);H,HPF:AV0H 96C*Y8B M-D(1)|>7"G'D|N<_<X>2_7_<+>^":Q)5U1TB^*5J+|/S>:8?V298^P' MSR4K+00-\$-
 /|(KVF/U\$EBHE|2C#P+SGD9#^<4EE+>+RTU=16X(+|@|K+|1 M)FNB+LD;_<#4+>+1%6(#O&+17S&C:1755M|5_(0M%D:H0FIKR)&?<?
 S7U" MS:1D@J3&DAK|A<9CL#>WJ(K|M?R#G108F+KORHT,0 M6=YR2VOXW+K/V)F00|07G,E%00?^538A,SQ?"CJ@Z!#7+Q4#*
 (V7BT+HBH M&_<JZZ5X|KPENA+C6U8S,UC BBCIQZ6^&T@+TK9FZX@URZH2X|TP147\$K#_Y M7A|Q-6&-
 O|H+3O^T8UWTV,4!W<#>@NBEL1UOW6WBP|1?6&#H+0FQ1@NMM5D M7|TYW|W|ENKQ>CN+EEEN9U+OKJ&B:D&WHP*Z#M'|&-|'8(G
 BM|VM81FJ54#<75LQ6=>>S\$|T/V|/*>1G,Y28ED2*96_T M%?>|=,0:L|0B;_<W^VKN^2HR>KXRL^F>X9J|28T|_1XE/*_&_DIRW5,9
 MAP=0(EZ.F&CDHE'?>Z1-RN<(3)=&G4PQ79J+V,=128H<42EDZ1=4ANXNH&?9ZK8>B;_H",@9MJ/B?@335MCDAL|^1E5/U
 MFEHP1=5K:A;_W\$AEIY\$JD<_ZJ MSOLUW|D"0|HIA82&RH5D2(7=-_S(I)(^8(C@GRD,20H|676|2DEP6|^MB|9)H|HYW1|"O",&4)Y\$2,23-
 &FRD+0)7F^LQ,7W5&ZEWU_0<_EREJ^>FS MG^GRZ2(*QD5^>N2P)CX=#8|_UW1|/GZ@XO9IKR+>M>3FJ00^SG,&)>M(-
 ZDHQ2=?710P86+O)T=1_32C%#<A\$3?G;_H_"GNTMB;1;MLD@W=->^*OKO M6;40<15%);LF8J|NC%);_H-AZ7F>|^*W>0GZ^4+K21A+1H9D3%
 %(|V^0 MM,M#F^Y%VD|>Y|E16ZQ+2TRRHTGZ|=Y;_11X5_IZ|V2\$VL@(|-1'.Q+D;L M,5D9Y\$?)IDFJ>A<=>"
 (MA;+E^?>06|G|H7J^<0P>AV7S0R;1:3SSCLDN1H; MPXB|?^H2\$Z12QZZT^UF=S<#;UX^0MK3&X^1-1+FP2-Z(B0J
 MF=5EDPPM9OX=6>/?=L^Q)L38)PONS^P,3LH|/Y M,PX?@|XD^>HCPHOU_<F>|G|EEM,8ORD)4)*.K:11#C M4G;|J(7@<@Z:/T^%V
 7M(8A47K<A:L1R@0NFVB\$|02;_XD(B8N#7I+|_M@Z|J9_&|_>|W3|U,FJ>MYE?>3HYX?S5SOV7EO|ANK/"IU;Z|Y+LRH,2#4 M(FD-
 ?|,G^U<17|GU@<G7%Y(C#&#NLND@NH)+PDCRH#H?8**@M^EB;4U;_M?#+'JF8#
 F,JY|9^VBIBK#%|U_ MH=W|5R\$;Q18E,6C_3MJ8#R%W=8OL2K6H|TZ;G**U3C@;_ZRU4QK0^|M^*R X^@5NKWEGH|TV|8ME_FU>H^I#9J|D-
 VP,K8)4|G<_KB?>8^P;_U<@Y|V10 M/BOW^V| M9Y^*6#+#4)G;3LO7L4V0?>GDZ7^O^L^1U9WV|T^U)5^M#71%LAVFP\$^Q|_<
 ME0NA^O4<_3X7|XK|DZ_P|M6600^<|HC7EBDHB** MN^<^O?>6Z|AN:0V N|83%^<_<_<L|@T_6P1^6 K-H^M^A TPZFGP:997<\$(
 M=|K^9O|Z8)G%,FZH+|1GA)P-WK=^\$&C2EKP6|LU00|DS8QJ|XD^*@(ZG/J MH;_RT6Y=|_)/ NN&LX2X|^A.4EDCT|SR|8F^<
 MPPY|NH@6P>?1L|^1\$RN Q+Y|Y6Y0WK|F7)EX_BZ14>?..SK1|P\$4QONEX
 M=SC>10ZMF|+&@<L/9;^1FEA|'R4X\$|^0^1_UMX,&GF0U#Z)F^*E|AVM@H
 M5N3%10\$G.6ZG7OH#0_G(VI#P1EA0/9Y^X|@M8|>6/U_X+P9^2M>X>=HX>7 MVVG@:S0;H|/7#;|@V^6D7ZF49-&S=HK1KDC;
 M"SE7+2W71N^@0F(C|:U860-5YJ<(&|>AFTU2MV(+.3G\$;|T-VE%9YH M&BKO2)/HN3Z*=SC^Z,WCH|+BDO2|_/=9CSA8|@_O%+XZ54)
 (AN?W:=D@Y ME^U;L MD|J2LOVK+GX3&OB^T;_>Y5^4>#7D;T)+3^RDB#L?G%5_%2J5^MLJ3^/K5|_M^#ML1<6GHE,P?Q|V.DO2YQ=>E
 METDMMXO>XWQ,3+MBNR9?A;LGQWH|F2|HE@L71UECIC,*OU3PFRF5Q7L(LHO@<OQ6|1U\$^LYY1|HQI MHP?B\$6 ME^H8
 2R#RAY_-222L^*ED=2MH8&T;MT_-PU?^G^YBH^A4T";_2^PPY2930 M1(RH83_JH^#K;G^+A=3WICV4;2Q|&A.3JFG5MH5TJNC.)5
 M+|G=-,=K,7%WC|FU>#|/"@<|Q|9VQ0JR_-8>8.W982?M;C;MO5%V68OGF^ M;_N9#T|A?B)U?Y8;M."Z\$/<9@D;|R\$?\$(^C:A6JEM-
 8HMMEQ^A)\$MXT M?^6|&#&DH7;|IG);G3M-W.C\$>E^7S^40QCLD0-QHO^<RXI8_7RIORX+&U;7D@<U T6H(MH|HWN8.)9-M<^<YH|S4I?<
 MSZJ5|SXMIS&8RTO\$2;LN\$C^AS|6^5C1%3JF+>36LCP+>/_N|T3LXLH|XZD0=6WG&T+D^H08;SGZPMD0)CE Q+>=D=HGR.I M|M: WI
 RULPW:Z0,I2M+2^D|6TAS\$4+S^#MYS@1F@X-TR|0Z S+=>Z:478 MN0D^JTN;|^X 4GC#_<ORE>=7TV^RWC7G=|NJY\$S:E5|A_942PQ4
 M4C>T6#35|EUY<^EGH3-UI@|GU_-/" X2+;_8-P|G+>HR=;8@=;TX>E;_3990Q@=*#>D>#|D/K=;<W^R MT2/9#OM-1HW5-Z|AH_\$Q4
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 ZF)W2F|Z^NAOGDM|KM?|8 M+|/L?<=3AB12^J9K\$%)MG=;*C8^Q_ (88^1X4;S^TX|OPA2Y;|IV4K|F MSVPX>U3L^2ARZ#|1FG/B=
 |&9=50^AOA4G90#ZV70=;CH4\$SHJ.EYELG> M83JXP6;0T9Z|A<_J-TTE_KN>%;6(EE=N-P?FH3Y@PT^T@+<
 MLG>:K)WA;\$9=>|;0_YWL=53V^=Z&GZ|J@1T\$#6U^XO9@M^GL(ZO4^L&|OM M^XXCV^EQ.W?TB461_L>+O<_JVGW;I
 @<&3JG3U6>ZT_PU8@9(6C_29_I2^M=H02_0

!P70F99UD>Y MR- K/KME, :78N=*ZTEX(Y< DGUQI<*(?B2*^DR1JL:P2IUJNM=CW3%+5 M15V7V2.NID.%QYIYV6CEK"N"&*
!0Q#\$>7>>C-#IOMPGWWH:2Df8Q! 3CCVN!OV&+f8 MEL/Q?\$.!J^V^2\$E)KJWM:VH2*(PDV43IH+!,#LJNA/Q!?!M!@'1 MG&YIHF (-J4C-:T?
Pj5B"HW0MR:H?=-NPB#9C>XP>N& 46KXJQFQ1# KUD M8f7\$<O'FHNKHMQ^H"0f6*Y&D7\$!L@.U>YT#,:,\$%<^OSQ UZR%1N(I^+FF
LP3:SP%)S+M2M\$GD7WY(B04VR4A-JVJW\$4T-P.MR6U@J5POSVA4QK.IY6P) FFC?)LH MHH^3WR=|C."4R!#D2:Q(S-C.@S15UV
F<77G<./9JF#C"!-SO2Y<-(R MIK) L.J(4R56)XSR(RE.N01A81(1^2M23)C5.,DQ035=#2+;MA1& WE M<=<??>7^?WfI+^=G!
f5PUD/;O!\$#3-FVGQ#9FL92.A MOQ6E!.\$BY.T9.@ =BF0'3@H8Z;.:S-G>U% 0B8-P)/5V."M 3/!.\$(YUW MOWMF+TWEJ6AU%-
NA"1.2QA=5J/I&>=S9IF^PWTF6B?PWN B&fHf542B0 4+M@I#<JZT|<?74!==GW)SS8!*"AB (CAK4H8DCM)J3.^<.:TEL(M#<?>=%
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M&4&9.6M#4ES'06f30)N4%!1A8(2GU.&MU(&MWU.W@415f.YE16NO.G_E+R) MF)H4XT:~) KD\$W)LMJ%2+;>= Q#NS3UJ6^!++
M#>Rj_4!2;:ZC#ZK1S#TM>64410V!5@34J"iHYf1A!1.)\$6U4PKWfC3N#>0 M.G0(SPC6H>Tf=BQ=&8.AOIN9_9\$KTVX^B1WG)KHG(78-
f0\$!P!+H(8WfC3.fXXJ8#A=KVU#vY85f.K;fJH ML8BB2BP^Z"iM&Z&Z29f5>Y.OHS4C8Yf=73.WK6PK M=43BfNHDU>3.A SJ&O"*=
LPLN\$:(P\$C9fCU MDVB2^>QO5Y%M+MA9-S6"*=XWf>ZFR.> EN.J"=B2E M)<@Jf+<68N_2E"1fY.fJ#T(38.f&D)M<^<EF
Q*5K f47@f+P!;ZV+ M6B6J@>61D\$88460C=1H5fTUBJfV8CK@OM+Y"JA53h%TGEfNOU80Cf7P7%M M18A>fLQ2M".B"A"3;fC>8E??
@4'S:3 MT-!&*<LBK*/K>-VY.S4fXf(L.G(Gf) *90/XW0-?X9U=9T.\$;@<^W\$86K/
M_Us17S&QW^NV%606J3fG)Q6&7MUJf3*3W7fUYX5.f&@20-.K@K"\$f3/!<@B MT-"?f!<RfG-)@V<1HR3@("fJX6L>fL;U2%QO?
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KD_9_5*!24VA;&ZfQfUHfHM N MP3>fG;.V.MB47+!M#K\$%LXfSf5\$MAGUfMRO\$LL3YfOW(6 fX:fUX=LGU7f18"8-
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(f)OFFfR&#&"@K?<:9XU5fPfHP4f2@<fLREfRPfX&f52A)> M_0fRf/00"*=fLRF#fD7ZLVTfJ\$AR"~<fM@("TfJPL>W44U@fS#>36;
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S7Df9>(Z MD W\$>N\$NLQ\$7Y#G*2)=Vf=BfTf2P9P3fHDTf.95 T7&+Qf/567FWfH8ZfM>5NfL=fP>Z%6RS>fDG7W\$.S*+03-
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M#>O!_N>JR!6!JR3!L5B#U E^!N_L?_E&V@;*?D@TPD= \$P_G \$XB@>BF% MC(-
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MAFKCGG1ZR_#U\$;(4W)9W\$#NDEY;8K OF\$W\$0V98QEBD*ROD^R!Z_M2K96B:RU*#3GP=9 \$@%FT<^0V?A-
@P@=L1Z/X76(RR0+ZC5!F7&6* M3LN3 MFZB7V\$616737P4! N0M=BVVY@O!46B*\$(MS^5Y?^@Y?>=TVI19EPI^2)U!B ML)^48:?
Y(E%7%CLOU1^UK!Z(!MVIA?R=A;=^5^?)A8=JF==K?FG6A_TU?79J MHITZ;!T3S9X_7,P+U4>/38!H"-&=?UGMGO+FAZL!FNBSU5Q?
(#DAX! MBB@PHN!L02P_8L!C4NJ_#/#!7\$S;72L<1<1#^!A^Z). MJG0/50!TDV1Y2LOY!C:K%LD;>MNZCG!JMQT8+F6P#R)AX/S9L\$1U=@
Z@R) M!;\$!X9P!UF+BF=^>"M<@>B8K57747Z_4!Q!"!ZR;=1""_0@!XL;@047H
M>B_L!"U4S&VL_@T\$!\$*R"Q%;F5(L@F!ZZ8!H8!RK="W6Y!40A;K5S8954;4=5(V\$*0! M;JQQCLSW7080_!C&?%V.J@0L0^!^EOG;_R?<
SL%!LHA")ZF!3%V?2!>DK>_MH.CZ_P4JV;SXXKL"(M+%-_\$.AFJEAKW"?C_8KIHO M+\$0.3;/EW27!10N!6%H:7FA^FSWM4;+D*H;.=*)->
T9SQ;8*CF0QFH_1UA2>M+^>JNH9!_B!R_9_R:EB^AW&G9:8@7;_!\$PBL\$ARA%YL+).PIC_4S!+!_F.MC!MM+TGAGG3V!Q3OS5R2KDY?JO<
<9@>J6!CUI\$30KCV<MR34<+!>AFZKKT!M!JOE=47V!XWU06!;!KL\$4>V7WOLOYGT!Z!G;G66N!\$8!/'#PSXCH
MOMM*!N)_!L.C.WDXAPB8!;-!>)T D V-08E%O6&-06E8L6^XTU!H M_!H!W!M7R0>=>D9N5!LSN?>0>8!^!HUMAM2!CH!A!A!F!&
<@Q3_?Q_V8+;46@N?P6%J)B.^!6KZ!8XF(U3+05B:Q\$._M47C(X:(*\$R3RT@;1KE-KF-XAWPJ/B5OU!(!;9.A^!H) X!@(!OL:7)P\$HGX
MSM&R!P-W-405!66L!1JR>=>Z0#>@%F=(54_7D"ZYUMKI0Q%1S.MD;?W_-B>* MEEP?OLNWN_K0>Q^26\$%OU0XY+^TD!-
E8!ETSCW>^INTSHD^!V/D<^&FEK>)>MOGNYKYP%7!C!3J;-SG;0_N6_8XN9"07C^")7&-DC7 M=;5^PVNA;IC09!^OF5!V-ICDNG?
@5P<*BHP)FB%%W!9KHS-VJ!L!#K!F7\$#

'V*BZBV(^2J \$>OGC)CKJJU?600!5:0Y_-26RY2>K3%6T.0+=+ MRHBIZZO:K
M040*^3019BV4O;M!K&) 3IKL5LL^N#>+9#Y91M2#7=#E56 M5P!)+3"L6DFIR!E2%/ZR@6@NWCXVL MJ!R.%C%T=_CL JHJ RK"
<09N;OBCLQ:VY5+>Y5!26RL\$&!(BHXGL!A@! MPO-1-32TVG#%+!7!DM)F^NT^@9F@;&^U"U&^A^GR!DK@^FF!H^+6V(Y48 ML
>P%_S"@Q-(45CU=@!)_OS7C"3WH_8^WL(L8T_YZ<57=PI*^K)Q%L\$VR MI^&WW:Z'5SB6T\$2!1U=|_0YM!)0EB!>8W_!@7D\$%Y!G;A>E
(#SD)P*!_MD0X_K5B>)_N_9M(H20")%>%T%JL!\$6KURH!G&+!*(CN&^LO;Y&I6!S_V;MTLO^!^_8R-D!
(Y6HG66!)!OB<_OO'TM.MK5)-2!A0Q32!EOSMW@_!N-M'B MC.4#RF !Y4.Z)E!L?FKS_-AHT("X1LW;4.5+R%FY4U"E@J @V>72!H=(X(AU
MBGH!)00R HS?ESP!H!5MEB!\$Z3X!)&14V^!LH578%*E!+K B&A?M.M%K+PY>ON2>_5(P6Y7KE>,
(!XFJ=B)L:JZ/7+33N;F899+!#03;_W M !Z#" +SWC#;(!3"2=R6;R:9R'L(!P#*\$S\$!+;C")CH (!#1%5N#_2C?_U"?)&PE+FGHD!6GY?BU)IE3UV4
Y_.\$2C5QN&4&R1-M.*DPI_!# +YH*HK63@?+@%?OGU2H!7VCZ5&@_PZU9:UJ?05+!##TVG2ZJ&-+ M(X V0R! !C;A!C_G+!NP#14Q_-
Q<+9*W!)JBX8GM*0XF_R"!>46LLNA&X+S_M_X70*)I>O+!>OE!1^U?12P>X)CDQ0J(G&1!HG,\$S^<(Z8L>L-1/NTVZX_B'
M^U!H!8S;_F!T<(<2_J9Y7!5 LO8N>@EW+U4V8040 GD#VY?>.05;_!3;1+
ML+!#GCLW;G#*.5_M9\$RMO:Z^!_!SY\$W\$!8)/MB4PFMW8%;E4(!Z47>>-49*U_M%A!@TN/Z@Q+!)-=X.H)EIS*X!NFV^_PUTA?N>KJ
J@=\$QC\$(3\$F#148RQ MJMHXR!>E&.&)PZ=-AP?D?IVM0^Q!_Y_&!0H!F\$Q DOZ#A!2WL@.OLAD6 M%R!H+D!TEGBX/K9@IW)!3
H/44C6*H!I0RBZBNEL_V.5U\$@5MSN^!D=P40 M.36R!K;_XSC.8%U!_Z6>X9SQ=1T49CCOLP63E.#_&^C"BX&0A%.(AHYE!_MO/28.ZF?
<N0MD)4"NFK9:F9SQ:(L4!P!CH!X9/M*EMM@)!1SQ!<!(QMAVX!^!QJ!G)3PB*
!N:BC'TT3N!F69B#8W3C!+;#0;!=+ZGD;O!NHEQQ!)TDM!YOMK(<_MJ>ZL*!>J7VS"=!8#SMK3DI7!1&514_U.0+!MR);2!U"B&OC)O\$;
KW_\$2_M.VWZWE_6D+?;(!R4PIB8(#IX P+;JU&#FD)!1TN@YB\$;4G0@Q1D'3/I M0PA3@YKM52O)@Z%)^Z@QA_<*<!\$15^S)O^B-Z=F?
7ST^P!A3F%0F_7W?^M2!NO4_4>=TL_M3RU@2;"_!F7\$=7_U.2?CFD)6^AW"69_N!HO<0M;DEX M?E2@_AE80V6"O!XZ9HDHM5B-
6P0+G!0_YGLU6=G=Y(!L01WL7_**@_M@AE!6=%ZA?X/_ULT0!X5R1B12&5'7Z6(B)!^!.J&&LL-F!B/XRSFTU(^
ML;H!RUU\$3LYLCM=0!&Q483!3_V8;K;_KCV%62!Q^*!^!&8Z/8!Q\$X!H MQ_R:EW!H0.39!S!E2MG2D!2B#^?E;_!1-9
>0@PS;R>*E.K!\$8CV@3#^_M!H>\$+<H.A!SG(XZWB0EF!H!W1U7>2IC">085Q.>>D/L^YGB!@.D1^2_7#J M4Z2-G6.?@W7Q+
XFN_IN>9YVU!JE@M0*^%XZ3H(!7V!2B/!A5<^!Y8= MOMN5+887\$HMN!_RDTA#L.G!Y@A!N".MO&N4&=E;ZB>UROUT!D!FCQ>T;!PK
M::3N(!X3-WCGF%C'U816WS^W^75KH2#X+XLX)K0\$S#+8/K!AUS.< MXQ!+K>6A6#.#!9AH!=!^!R8M3P!A-EDTH!^CS_K_\$5A?
8@>(!J5D!H!2 M&=3&2R0=V&Y2U2@>FVYM\$+^7 MG^ZK/JMS>+<#D!C_@!RM^R^E-GY!M@QB G5V!T98!T0^!_7M-^8)C
MAZ.F4+A3C%K8&6F@Q5VAP4?N7!5/H\$U0X8Q!+S.HS&%7R3:KD!6JZH=34_-7LT;_Z* B7HL.NCH2>.)":@?63=[Z!LLEVI+IX^ZYRE)G
M+>_F0!B;B08D7_Q_1!>@PS0_#Y_2FV;SC%_S MT+!SR!EO!C3+4RZ!=(R\$&6JGSX;D9!OJ;T*0&=<!V!<_!%504^V!6-*M#^+
G/R;7/3.H\$E!W!_K^P9_7!IDYTC^47DF^DP3&-MH^&*NW/HF#V8+H/HQ6 MJKSF=;;>L=!&A_@9YL.VT^C_H4>'S8A\$U62
RFRW704!S;ER_TPF EKD?^MADA77V0!G\$S9;JSOAD)BH%;JZG&B!>C!N"LI%@O=C^ER\$S_4M1-T^VG @JS_M;Z!F_>-9!DN+K@W58FT?
7/28!_CUTX^E(34\$N=E;R@91KA=V!>ZTY8N-MX!%:"E3\$1.8/V>DCR!NPOB_Z&3^*6\$;
V!V+4A5=FC#;KM1M8Y""^*X!0LT(SS.DERLU4W!J6ZA+B_M(C!4^D1.9N_Z"!>L)!Y!H+N8EQZ!OKOB!;T;%\$CC?J!;?P MO-
H!H=W!1BQ6K+LOY!15-DK\$RS"/E)O)JS5Y(C@P!C8TU"2G_*%IKSU4
M&8!\$!=\$PIX&6%OE!);+!E.W9P3M!3O!AW&T!P!\$4AH!^UVU7A_8+^X&9C MHJ?GHJ!JR3_V!U!^2B.AWT4544Z+
%#;_T%\$3P\$T\$<@A:8.B)2HMM/C! M@!7!S#&VV8G8C=M/P>9#&>Y3.DORF(P?*>QQA_!OU5!F::=9YXW\$Q!HG MUC!M=%R/N&W^<
GZ!Z435EQT-Z!_6'6!L_L_4=035!T!Q@_WA\$KK#_34^C=V7@<"<\$8X*_9_L"R;!H(S!K.FET";M
M0+8@UTE)NLEB+M%!.LR!BVS6!IRWU!H!0T!Z/3PH8^E/MG UD>0\$EXA=SB MWBQ!=_JO!F^X?4V3;)+KO)%Z!B\$STTQ2E2P2\$S9W0)
Q=^T(!^!4Y"!^!TD(QYTXMN_M_(6U_?%;(U>J&Y?>00D\$V!QR&2>#UD3R=0^02_N!5V8_B#WN/M!HOH MH!#SP%OZL"KUU;JG ^K"
!F8K2S#O@.SE97^9+!S>Y+Y_+CIN_/BT>T+ 4??ENK OD3O+6=M#A&Q&TF!-863S_80_?6U!H!
M!2V(="B;F_0>&Y5V>_L!2S!BEALR(R;B!^D_8=9%;(+/L)K2!^N!D!38"H M*8K>J^GD+AVRW9!LOX^39RB\$QAGQ\$AOTF)GZX(!0!>C*G?
#7*1!0WH">"/MZ7H?SQ6K>=(M/NV""^T.MW;=IFH&BS#K%PRAR^!+!^8=Z3_6!64#<5^D4U>_M_!S_?
OU6=>_>=BLE5:UY!_78M.F!&U&S^_!P3!+U=^M^2W@FY>=>(V#>H!MW!M!5W!&?>3L5A!2H!>@Q^OQLM;*T:H6^V^C MIY CM!@L-
M*F+BJ4PT!HJ2;\$%H2^!);XU^BB*\$M2.QJE58Z;=>2Gv9\$YO#_MKV(O@BNBY+!3(O_?>D5W*\$T#Q_E1&TP+6.F=OB.ER;_~*8@@"@2&1S2*?
>K MG6;IU4U7PHS4O_Z!^2V=V\$1K M^=^?J@U/U!F2@>ZN)K%;_BA!+0Q53;H;K&B48RP*O3C.8HK>AX=3!_**JH! M)M SQQ7!3@H.30!A*
%P6;Ia2^D;G_X_YA!VW+&C0)K_#G7!7KE)85_MA_O7O14.X+FDPLK!6RS!H!U5EM2\$?0HB/^N2KRE!4JR7XL><^_T.F&4WD M!
D!9.P4&)JUC!6DRBZV8_)^SQ8WT!_AV!8=(5E_N/M!@ID^!TJ6R2,<)H<_M/H!7)5T^V!<?/_#G!_ZY^!^!_E?
L0&QH+!S0&0\$+6!>K0!\$N0EMXJ!PM?>M"N(18THD=DE!K^FY!AX/F0?1^5FH_RM!H!08!L M0SYA2_#4_JEDJE1HDD?

2<M/A'OE&S#F;0H(9/%01P6U%C_0@IR3KW"Q\$?Q4&;HCL>Z3?1%63K#(I-CN M>O2Q<JIC245@>^WLN)F<..%G%0"2;
<)3JN(G5AR0,DY+<M%2*N**_I0C)5I M;D&?>)>);EVIJGVCUP0S)\$4>13G%>^IC?<
I^#46>AV3*!C1D^0G0'W7AM @+I+82FKE5KZ0/FV%,W,4R6N1&#>D1 I363G/H/W'96;U\$9IZS,;K'6/=B8M"#E614I MJ2N=6
S5AR%I;WZX);V.URZZC@4(7YY!2 8FU- ^YWWO)&ED^I@SH0#SN%,1M-%H5Y1CWJJ?7"BR#FXSCLKYINA3UAI-BJS M\$XBWHH1=&BG-
\$+JRIIP24WTTWV;ABBO',);NB4I-O'21 ^\D)J+I6+8)LF ML=AX+!)OI+ "(INI#08P>K9.I:OKQO)GLM:2Q+I;8J7 7T"Z U&+8@FMVC
M:/%QO)3.6I93+*ZI-JVHJ|CBR%Y#FVL#KT_X-/I1?@RZAG\$3LX M+5EB/YI;8) #V*,8SQIHHS.GAUD+ +39X7M;'2C?YTS,"I??
TX;NTHW<55PI M.T&F-0?J;7H1LTK|LA-(FIHFTTHW5L+I+V?9ZVY5&=Y\$3Q(YX^VBCW;0, ME:7+OOYT\$%5\$V?
A!)IHMEI>4*>&AG&PWSWJG+J+IYR0@.EY3;>G)'8CNA5Q MMOW2(T :D7UF50V2E"YI!"@OC'6:ISC@E=V&)&STE';UG0#||"L3"=%K|0GC
M0N4TPT)H6-(W| #PI X+4I X\$%-IR4Z)8XIVQ_WT2X>@8N+^M914^OLY_9-5 I>#I\$J@4I*2EFK(A5I>;TIOU(^ ^148TQFH.3"=KQEE^\$9!
MP/TM&-9J&DPC;I9+&0Q|X%XMR%>1)*L0X^W-(Q%GK7YKX<1.LL"=7H.03--M V80PIWUO/0.^K@.63RS=NA/66CS\$ _OK+^Q->?
KL/=DID*BJ'1+I/7PW2_0C5 MWI2XE4IYAE27_7%;2J_-I-I3^=YA_A(M)NEXF?/4@/0=Y*G\$;LINMCCQ_M8H1H68?INR(=<1,LA
EU|TI9"5W)ZL^YJ"\$P\$);.3\$TCAJ7\$K% ^7WXH|(\4N/N=WMS!O1O4>TLW9P\$BB MOA/S?= WBAV55..W;T!-#E&KQINJ\$M% MEZA31A@?&
(OI)LOH|:W7PW",3-Q>A"2-S/IW_%=6A5^TE7*MY9+*CRI-I M=25#DOQ>@WE#(M";V-5&IUI+^X(LHAKJ4F MJ\$;2HJU+.048XFD)H\$
M2;"HL^>|7)N#*1_I1FM"7W@)BBF/JX.L\$QS(>ZF<_YX_7#<\$+>@_PK(G05 M9"V8W\$H\$N/M_5A3RV.X7I1/R;MCEI&Z+I7;SON_I9H6N-
5IFS"N:C\$J1M65%;S_ZOOIS_SBF:EW:EAT>P#3N>12NBOZ1-DIOKNI"HU?E&EY9;UE.Z3 MT1"ZI4"%%UN(QN;=<#VILJL.D+Y S8?
1IOB4N7E@L>F#I.7%UUWG*3;=,7Y)\$HOX@P M4=%NI%BOY;%H18L J2BMT-3_@LZ|)JGHL*)52KB1PTPI NVO5_3462R)K
M0I&*3HFOH.I-6I40G|..%Y60&06IOWD&|"VYCI=C3)?OL,)2LM6(QU0DQF%6Q(ENVO?&0-^>66IEHMA+%"@A1 M+F#UM'5 &K=#=#0
2+HE(S7|A"H5N< "_.XL&7)1IU)B5-8MH=/0^K+L MZOS';ZU;VQ27H 5T75APDVD&PJRDW68HSQ_!6OJ^CPI84&.>I3M;2?ZW_.MSS.?
N\$D4I;M3MM#M);&CE5KBF3#BY@="G9Y+>2**I3H@8I?>_V3'G#H0 M828I#2VKBYV 36^9\$Y=IY04_-
L2^G6A"L9CW>TZ_-U*K)SBP*%2 MVWN2Q;=AE*Q/>RL&(250I\$NTEP;7RAGWMV|S"NJRE;>M5P9HGR"60;3S;
MJ40U8(.0P+65X>I%AUW=K;N,E>O@3G7>7O+=BTO=9-%=\$NB1^I"Y?;P>(&_MA^K&6"3BVKF"TO_)X5?3>?
\$QCPUDH|T2|=WX/H_U_9SZ3I-UN?R+&O99";MAO*(WI0>N(+IAL:2_0L\$B3&=QX->+9"FY\$**4KPQ6P MO!?(9_A^X*
(U=KMPC*PJ|NS=F0R|<Z=M+M&L|D#232KXU;%I9N1+IPX9Y+Z(KFSI&H4S>RNJ^EL^3"JG|2AR/*_"J8 M 1-
W.;DEGU_@6P2M)9@2MZ_Y%5I4"ILONQG?L6"LSLH=|I<="SUOZH(C>_A5I\$=F8NEXR;7 M^
9R)0|CTH*P<1SF.KHC\$ZE\$P;N%6^<@C/HZ_@DSE-G5I>.64ICB/SE7LE M(N\$4V/U#;OQWW&;R?!!PU(@O?VM)8XX>7D9%);.2^BCA?
2?)0^C4OG.9+HN M5S'Z|S1?>AA_-U M0.5H6)GH2IN0;Z7FKT*Y2JGOLNFQIKJQH%?B;A M08D&8&VOK7KC%|07;8SGY
A7+X+0R^<9200%)%J.KHG6+5-A;\$|>08D-EI MH|D|J;I@M'5HXH5^&XOLIGB0#K.O=RV3_6HRHE8O|7_1R8_1R8_1R8_1R
M8X23W1U4I5YZ;0K5SX;NN9@%4-RV\$?ZIU) #T|JNZ.JXW00.9U!>)Y^P\$U
M(^3E|N/XM|B1+U!>KE">|O5*4^L>))2_.D_O'Y;IG_ ^YM|S9RGG|YZ|GM|9=W_|R<|W MJ^5JZ%RO_WYEX|_?_?
%^=NGX|OYQ_#R+OFXOOWXUY^C M'TY_!|?O+OXIR_OG>|7KAH|_#OI_-W_|PGZ>|^ ^OWUW0X.W-37+^X^+3 M|G;I:2;IET_?I2Z?
90^V3=0EFOWZD;S=Z?I=6>R-WP7IWSI.3W_Z?Y MU^K-X^7B_LNGS^!;|YI^I3|SFW?OP87_S777#_SEW^ ^LNOUT|OMV>P%W-
M\$<6;GV^|CXM|XGW_?+|C|<C@B|H0_?WYS N/W;A_Z7Z|H|FI=5F M|>^FEVWZ>KNE_7ZEQ_"|_M?U?W^?+GXS6_O?GZZV+
MRJ8@EQ%L8^_V55;|D3\$T|L5EG4K+9^N&.D.)95&GD|LFN*"V<#@>|.9/ M=0.%1O\$;>%(E<0;N78'4@;
H\$;8FM#U"HNFV\$^<K2+&E(B^*/VXF'9= MI#71M-1ICE|EY.RUY?+O.S^AN9S&L"&3ZMQ\$:I_K2.V6TCBM26-XCR<#
M:9SI2^/L64KCK"-|S&D<XOC?G*8WSFC1^F%X(TKPHUP.8JEPRHOFENY M(M
C<=I08%YG.E;I=.=,|/ @IRI%#B".96E6/K\$*O1ZQR;DMC|KCL|IX? M?
G;8TI=A=/:T)6Y"O#E;TTNPSCN&W% C6OS8).>"DI.XD^>3HYA3>1P?/TV MV<39.%E@I+)_ M4&=;%GBOPH2(250A" M.B(4T/&
I_%LF?C'MI;MUTY\$0Z"RGG:X6\$?<.-M)44_B86MR);%.@6P^RIF M=-E)1Y8H8X<_
EZA3J=RIEDM9XID/AS53SILP&D00%;Z/0N8HN:6DQKVH_ MN4&#IDG>'5I5V8<696/VM.P74B6J=|DV9+0M7I/60?TF PW118L93*6U9=0
M8;DHX1_Z-L.P&M M'PI-B8YWA|F6Q1CL_-?1^<CC=D2V%\$;K8AW% (3-8@5IR<4 MX|O)9#M0N\$H<@PMM;1YMEPRXCM;?
*O"0ET34^PKS2|O)2DQ\$&NZU.(A:W MW=^ ^P=MXIRYS?4Z;UVMF^ ^Y9X.\$F*2Z"1P8VC&AO#L)\$900HNYGW>OHGW/^3
MH|D&JVDGJ@.\$H|QNC?Y/;BB#H^="S=C@-S\$U417-EB)%S"&09^((8|A|OXC M'TZ>DZ1TFG5V/@61=*T>^ ^7>GK8/8?
3H(F#NCTMBGC>P|@Z>(<^C VMVX^M@H_@I#V*)J^O(\$?XR4|C#G*#Q.B|BMR7_*I)"K&#<IX5#^UPA^W<_
M;BR|IL_*OE=XPZ<#?XE=3J34RN7V)L|OJ?&N.S7<I9B\$CWVYI9@=I6B MFL9VYI56ISKY/C#;6500R.0=VKR;BHW#V6X76:@XMG
+."@|T B.;D-/P M;W0|A|8\$V<|_IM(K<0=>=>|6AL>SF8I@H08+^X.0D|V|+M M#K*4?I,KIE 09|I2YR|:L\$3I"HU5OJ>M;(XDHJ0(094%G|
|&W;-)XP.?: M%J;1R43^|3-A>P=|H*(PS68S&Q*YU/-9=8'XQA^*VSV,D\$)6:<CD\$7R>Z;?9>P3|_ ^2.F6
MWR#8""XKR&8E9(9A;#|D(6BL9N!_N#UGR7D_*V%;PJ(\$1^T*2LF>WA;I^&MX\$45^Y&B)|M9+|=RW=BY5DI&B*6XSF.R%+_
C%OGL3;9AR=1Z3*L\$N_ HPX;I M#?J=EF606P#;(XP36U7.I;@_%L3U3I)J7I(MF%-VL=E&X;X\$|>+BP=@Q>_&MA1K9J)_?9?V;
L_4T\$^IYARPU(M'NOQH94.O|AFI|F\$NWB&M(5^N0=NO M9\$U=OUYH(IMF5OD">_4\$TlMM3B;XYE/W"0*^KNB55B?;
MW\$|K66I>_7.TK M78&-K;P'&;+;;C|3%P0#%PK5;1*XOW:0^+OPY)0R|2P5^V9H(E@;>+--M&"7TB_AWZ6+@|_U@R.(M(S'3&#B9
|8K@^X=|+5BG;BF=0^K<0^JTYA_.\$X MB5(O&T"2UDQGEF)6+HP3=&T.SF7B_I'K'=XTB4MDC6)1K39/YG9K@/N:B
M_M000Q_C>N6&I6FO"66R%!!OA_I'KJ2_OO4ZI>_K(R2U_M|S)XUS,?/XZ)^ M='R>B@|H|D:*&W=@M|_O=-_6U8HF|0XV5DJH%!!
M>#2W+EFJGWORE|DZ3H#S6D+H"SIIRAJG2JZ>_3=K2U8_?9QJ M6PQV_D;Z9GV1|HOD-TT3?1<#QUXIH855OQX%Y=6+F?
97E*^\$;U(481MAQ_MR7H|B8W+=+7NC3E.HXX*#L.OHOV&X0I/@0&KNP")7)K4R>>R'F?K|U3;(0GR M'Q#I,7WBL|=AW_W|2|+_\$#)
W7?O55H|D0LH(C_M>=B2X6(XI8L_A<ID|B"2I#8FE<70_XCN16ERF|4C75A\$MX%_MLPY:5"A>32% M0.?<
T252HAC'M>5IMFAXI8S;A+2"T+>5.IC&?&LI(SHU_1H6JO9>H/4N#R_ MJM?LP89KW=WJO.U85|AX#V;.^6RA+J<# \$88LS=HHMVO_5RME
MX<02^J^JU^P;BF^FUT9+Y3M1.F;DBNLG;D*X&4&"6SRO)R@9G|2B;I# M&|N\$K=@QTN12EG-
R6'B&K|>2|&@%JHI>EME2("UQ|+6S\$ZW;F 7/ M7)=L\$QX/B9J8F&D@!N00+SYG(BECMS3=H!>=L0F5H=V%G'D66YVUXD%(SZA)
MLM'9K|UID|W-ALK3OB3GQI|1#15@778EAWQIE_O*E@TZRLTTT(+NAH"PT2) M#(KIW5@-5./#Z>))IS1H\$|F|2WI@T_ =^X3Z-&"/@QPL-
52KA@O65084LWA|EI(OE?DBHIF?K3@#8+W54N=W-1>|AYI+|H)EY2|T)"AEG0T9_MH1.3NR|P@IZF(#3;L|KQ)^YSH(-|O?
(3;&DZ1_GXG+6SV;|CD M&N\$QK(O).):=.;O=Au8RI>Y|_+^VZV3@1_4I6VH9|O; MX^|>.<.;1I@N>_
Z"ZHA#>3+T&S\$P1(DV'7.JGK6WO&C3>1(05&5%#O| M-IQ8#H=*M97\$5TIE|H#R%_UZK.2O.BS8D52GSG.*31.EZDEA'OK|R6KD^SD
M^>V^V_6TIC|UO<=^I3'W)I58TS%N@|BPF-F(UE(SYN.W;J_P_#H;&>DTH>T-Q7LF C<^!|6VYU@6;H|O@JE|#\$""DOMF8Q>I&Q&GWB4
UFEQO74DM/@?+4 MMY=DIF\$RTZ#9RU\$D.T7SU;P_Y9(Z'W0D="VB?Y8)_?@Y1DLOM#H0F1*M.VB;N^<3+<8^+E#
(IYZI3&KA_&03M^<@FYL^<@-PL8OQXLLN0?D\$<2 MH(^7L&SGG.D85)S 03YD_4IC9-PPW9_W8#N#DB>ICE=S<IQ_V+JH5C@
M%RIE"J?8>|V@(|&+JHK%|O_T:6F@O+^5GK8&)*E+=6IK&F8A-PES2I(R9'H.ICZ(MA2E2TH|H8? M/L9+8>.4W_4IV9I9'7?
7O/'AN0G9%/"CDJ|^>^LD*&J_ M@NRR9993W)*.3I87?|I-#&;+&CXD@%#J|Y(D+U6?OGT>PRBP>@Q@L6^ MK=#S.16EJ\$4.K8KV#
|FLY|O|4%V/E"=9-L<@PN1P(H3VNYD7YV|F086(C% M2GX.OI*1D#>.(X"E+>Z7<@YJ&B-200.O2ID#K|2X>|O^I^RG4"P00
M=AHBL|>H(HJNK1|H'0B@SYA4JFWP29_#OH@W5LU3_3V6W;J|N_Q&57B+M.6R|DIKRDJH)Y-H^=A70/QM-;4MX;D|^IW\$|_
QLPX%OC;2+>CR(L#OD4% MG^<=1"X;5=60&F^ZU#B4_@9J08-OF2>PF8)5P>R3@G59W;NP#;XH>XWBWY
MB9#NX(GFJ'.G*;39I#5N=H/5XAML9Y_?S!>.YK>?% M_UMJ0+R+X.Q)/4EYV\$T3D)F""4HF7*=DOZ\$W;A7(%6J6H?N H=ZF+-W360K
MX=#\$Z|B*E|KY3E=*=^S^RFK#8&+6; Q5#>426|32U_4Q+|^I7OW2)A.P&I M&^V|*E*^<7XOSVGL.CX?^@UH|6E."|_%AXF.5"XK|H@
|16HNM_8H9X>UG_MXC^2I|V&0K*?+OF3@?F<:12=>4JW_|WJTK M#XN^M5VT|H>H
L4.G;#%IOQQ>/ST.EQ<^*+T.KX8A4#OD2Y;D|K>@JOI+>?/?@KDIR2B#XR 23QFV<2D)KQG>L\$|B^" ^JZ;V|L/W%B&M'X4-
HD?.S8M@FR;LOV'@LF^\$ M.&W+%.KF'D);\$NR37W;;R|GB>|VF99'E7M&|8>(W\$9Y^=R+/40+P*&_N M^&M|HP9JG)W|&*&3W?>?
3VE7R*FSIHU5;.<E"85.H?Q*M><@WGR-CN MD2^I|N?_?/6#D3_&87DBU6>2IM4C-ARNDL 41WL;7YGF_ (X;3@/ATYV MAU-)
(R2Q@OYQ|B5;K|^I.GW@XIMJ8S^M3J|WE0'R_2)\$8 MI^Q7V7_WZ^_W1LU1_2=;XG"!>1**NUE7?M069^G+8+K%QC64T>=>9FHR
K&1R|429FU>81>SP!;Q?8DYXD*Z.K+I=NSIE=NT=G4;2/FAY#K|G;"? M|OOT(H/G(B_<ZO222.\$W|8E+& FI0127ADD60%EP?
BU!")FE2'6;C MMNU|BT*|L.F"IV|;V(-_0YQF'KSKU@|4LMAIOT#N0UKK*7*7| MTGVQ%L|N|;9J6GG)9T9#=.302&O4?MB;M&J1?8-
TJ#&.E82XYU|D|MP;1 M_<^W-\$|X 3^&KBA0|RU1D4^Q|BIR_@>9W^18L=-@>K>8.1,1Y8;CUHQTA;MH?%8@HE;P|S;I26M8V_9^N
M2V+UDF|I.KK3H^T|C)=4Z1O*K8I/03+R^Y%U?|VZ0J C=N%A;B;J7;?E;K|;
M+SDVYI+T;7I89<3^*W3L2K|GN^8^8N(T_MLVG#4)=VTLH_NYK!F MI6<9C@#-.E+5MG#<N^Q|&H<^WSF7-81OBH@8)378?
J\$C>G_16U-9IO)H#Z-78C|WU1.^\$)|MDS-R\$|HH7UOE2 M+|PS5L6*4F<_OFM4BHA5^3WZRV,^#)L&*;(ZM#P|RZ M:6I_UL)9F4V0KH1Q
%K|3_@M;\$_9^<^Y8K I3\$2HMO_49T@WE%U3HB>KA9NL\$NT64_X|C#Y@L_H|L-4\$ M|FI(Q\$SM+82UX^08BTAAE)4\$)|*0(A1<^IW&_V-
U=Y_0Q6RKGO.FN_L+ M:6T.O+C%L;I4=5U5^?IR\$|@YR0(DBC^3O=^C7H+O|OL<5IH"BTQVY\$S| M.P\$;".EVPRA^|P3IDBTEY>U;
|HB#<|@S.P;H0_#2A8P2*X*K0K@&W-14|/"0W%@|FTW;|)^#8L|J M135UN_LVX_I*G6^U0?VPTI2SZ=XP8(XKXP+8)_GZ58.#Q)+NRT*NJ9Y/F-
M9I IKG !O@42<0#LD_589+Y@&EWU%2KYR3HU0JG::53U#95V M8.D&P3K;00^SP!P.CQ6<|M-D)(AKUO4K5A:\$
9_00C6>;VH&D2I0I^I@^_2)W|_@F1_#S_M_(U?Y)@8HD6MZG*BR4BR5@+T|D|FV|_PV M+V8.^>)Q"(W9;2H"1H|LT MM;2LB)2Y
ERW"Z(2A^IOX!;.&89IV08;:00E5-*0(=4K*5YTG|4SHT MP&?X)9&K55CF|FB;=6FI;0M;8)RW|.;9JDI^+9@=?\$1DZ9;L&f|MH)5O.P

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+IRKR43:Z^@B1H=B=M@PGMG.VYH4^J3IY#8<#G8SXG+?I?>Y23:V^!A^=:U>60#J5I&:(T-MO.6S[6^3T/UD*OYOOX^I/H
J+M-L=6/!>13EW-XZZ\$A!>5?S>RN:1+!-M8PFF4,<#ZX=8AXG7I:56XINO:7CHW:~3WRD+A#IR2U6\$M^W#I!@= IOHYI-M@W2\$%5D
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LX1^H.5:~>C>-(ID^X-Y#^!P59).O&+EGYX^CKKGOX6%TQ2+7U-M2^1-L#Q1+V7^X21T4DML2IYC5L+L."M^XYBMY#H^O=1-^#
B1AE)U^Z9-MNR&@5@-T7DEQ:22L-N,5SYE/W^2BfN-T:ID35V7UJ3L1G3+^:6(CN@-MDM^WN\520ZGU\$60#1A*
(W:2O=#U9VHL,~7G\$J,0RNJY^,~180)HJHG^M@P:~>:E^RK7O<^M/O#M.OI6T6>EGITFR#O:>\$1:H^4(2?041844&E@=Y,J-MDC[S^6C^6*?
93NLVU*:I5G09@S7WFO5+O\$9S%="VP4IOA05^EG@H8D=VB?EWDN XF)^"\$> MU>D6\$-YP?@-5=IY@H71W,C:XHF:PO
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MN(J<f9KM>3I07BZC=3I8<#NWL\$MB)(G;>+159T8LH^L.6R|JL>9=W+25)^?H-M>3SU+I^51A
>Q\$;V615+Q^W#^77B:K!<511&ROD.SD|C:0L&L=AO&5Q-M,EYMS_9O)O@BVNE.O)MU+(?>1/2B*=C,#Q*!=+MO4204;Z5^IP6Y^2DY
MM^P:YV:SN,VX893*+I@D(H.BDYR):AYKG4!-W2(*4W!#N?O*CBT3+,-KP-MO73QX-.58*BU:SI=
D:2N#&+H2IV3VX#PZ_14GBLZ%3;G<C:F-KHO)%HN^:~E9@MOPPVY-M2>:=
MAQ&A^!X;B:Z7G\$OD\$D9;#1+BAH^I^I(RM^#5G1F#007MX&05-7=I2D2=MC^BD,W:I^KZ8-^5)8MfM^V=X^M2Q:1f^00\).>G%-JOHAA7I
FIHUBJ^98X6LL?*>1VGBWAM^SAU^RM-M^9X1\$J85+;C|+;-2FOCGRV;MB140W8'-O@CD-Z=GVW
MBN0J\$W5-V00W-MUO>@=J1.Y@ELS#&%KSVG&@SG70%)Z\$2SC5\$5*BSAT->KX
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MT#5B6!89EEG@W9+HD:1\$(!+T@BD@U,V8Z/0-066&62^FfH_.ED=I<^LJ^6KPL3CH0^F6PE6NEBXL@ON-8T-MI6P)&O(U:%-
~*CW^YLL^%HOX17A-C^!0Y3=DH-^J^!O:GIWTP(41X;M;(XR^H3T&8-8154(C5<@K1B/DF3:QSG=-LR@4=#0YQH)R1PUQLG^C3.L59%
M^J-S.MAHf1WfC4GL6^I0E1^3KZ5DVT^C=9KJCD94G^&09OLE/2I^%AS^A^I-M^*7RUP:0S?I240U%:%W7S9T,M/-
YF@Y@M.WYRL2,G^!YV9F5^OBYMfAG:~CZS>VL4\$^<^=UO;+WI?^".O@)5D4>"N.H(L-MZ2Y6&6V2GM;N5E/0
MS/EW\$3/B4YIQM>!"MB#-YF<5S^6I<I:Q:BG^2427ERMGRF>-B18/I#E155^ZM-M,HN&I#FHJ8Q:N^OY%>+ZN:E;+63;8:@:?
&RHPNPSf1N7%U?O?N^:~NWf(M.TB@2X_!\$;-N^TN1J7P6^QUV^F=O):!->T:63/1\$W38@+%,9%NS^1W59-M2OF\$U+B^?4IM=E
/18/IDF<4V1L VKOIHKR.PBV)DMTU^VW>E).W31+L-M\$5<+E8HYKU@/6#<8U!>I>:J5N%CEF)#DN:I:C^@fWfTGfP>U %HML4SQ
M26)DZ&55HF2TC4-9>15#^(%:@A2M2==HK?Q_!2/231N,I9=/%"7VHM6<2*GC
MM^f)VE4P(E_5)&*OAG9^2-I083MUA^E+I9A^8P(I^"VIGIB(M>P+4,L^0&FE6ZW^S&U^K=>\$%:*S#OHX0:WS#&HL;222^B!+80H66%--
SLM).MCL+EYTX^O3H^YI0G6QM59Z%(OV4^*?0@<#%.\$1+6CLU^*H08-U-^71-KI^ MQ3+K^G7N!\$Y3R2Z^H721E^XF0)
(=+L)D.6^?4T^XPW;TfH-E4U\$QOML-M7D^NH)^%<6%&^1-BQ:1^VBB^7210)^9F/6%^L^YXJ-MJH8B)8.C#&6^UM%ZTHL-
7:OS1+Q\$6A#?@B*_6)CfI0^OE&Y^58F5\$^<^U2-MKWTUH^*100>I;M^I-/HYFP869&?0JD47F9MF@U?)FU^3)KC-?;I%*ZQ5^*ZMC?
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3V883W(DH)MNL^Mf4V28W^H/5YW;+E2IHK5M^2BHL^12_1KU4-S^07MYF-MYU9fKFFU^X#^%SHW8\$5-\$16^0WH1B6<5Q0#D6^*FD<
X=WR?M> ">I-/2B-!fWP<I;_!FZP+E6>\$0X5^F^H^ZU9.35G3R1R^;SZB+HLF\$|ULQ:@@W%.Tf1\$Y:63H)(%:\ROLf#>(F%J8-99S&V^"%?^79
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&D%YX(EX=Z=X="MOV_LfJN#%f7/12fL>Z6)DS.RVOB-M1H04XZT>I6)0GSPY/0M3-2HX^3FF9F&5#N5R5B\$UNRS1P2N=%fLfMO?^
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HfJf_PST3U(CS)1^3fI^_6_@0037@W+&(K.M80f6)2OB-ME=NB)NfD=-B=f/HfZPA.#C7;>M-02R0B)J^K?5fKCB&U(98AW^?FU7fHV)
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RCNf^*9^0;GXP8H7KR?9>_2YC:(M?fA0^UX)NVKM7.ND.GPfHG^7E(ZNRZ^*)^I3T.%fWVZ)S6R32^W(fJDE&fM6>8D+I-H72R^fI+^%Yf+
f-067#fHW^M;Yf>9^2X;>G93.E5f9LAIEN^%f3-MN3.G^M@_QL698:EfSfJZ3D\$E(fO>E-MRf7LHUNR\$DDQ&PT:"fAEQ#>^MB2#?7C&Y
f+NX<L@V-MCH@?A3H^%?1@0@X%6,69MF.Nf@&(L.B)O^9CK=-.4_6AB+M,5COH^%23L6-M;C)O^&H^fL#8^6^4N8ADT^0)
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M^Z^#EF9A^X74_,"X+??"(RfSL?1AP\$0-M@^fA@3_9WfE8RTR.#fE#8S.%fP&UL4\$L%L!@*HfR.6;2^D<P80_!<&f4^1fMM"<^
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Y9F^T,U2>_!E#P8^%0@_~M60_9WfE8RTR.#fE#8S.%fP&UL4\$L%L!@*HfR(^%6X^P!\$fend XML 130- ea0211135-
10q-greenland-htm.xml IDEA: XBRL DOCUMENT 0001735041 2024-01-01 2024-06-30 0001735041 2024-08-14 0001735041 2024-06-30
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shares pure iso4217:CNY 10-0 true 2024-06-30 2024 false 001-38605 GREENLAND TECHNOLOGIES HOLDING CORPORATION D8 50
Millstone Road Building 400 Suite 130 East Windsor NJ US 08512 1 (888) 827-4832 Ordinary shares, no par value GTEC NASDAQ Yes Yes
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19729056 21026027 19047950 17119889 15232289 3906138 3815661 1236359 548034 50283 152462 <p style="font: 10pt Times New
Roman, Times, Serif; margin: 0pt 0; text-align: justify">NOTE 1 – ORGANIZATION AND PRINCIPAL ACTIVITIES</p><p
style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"><p><p style="font: 10pt Times New Roman,
Times, Serif; margin: 0pt 0; text-align: justify">Greenland Technologies Holding Corporation (the "Company" or "Greenland") designs,
develops, manufactures and sells components and products for the global material handling industries.</p><p style="font: 10pt Times
New Roman, Times, Serif; margin: 0pt 0; text-align: justify"></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0;
text-align: justify">Through its PRC subsidiaries, Greenland offers transmission products, which are key components for forklift trucks
used in manufacturing and logistic applications, such as factories, workshops, warehouses, fulfillment centers, shipyards, and seaports.
Forklifts play an important role in the logistic systems of many companies across different industries in China and globally. Generally,
industries with the largest demand for forklifts include the transportation, warehousing logistics, electrical machinery, and automobile
industries.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"></p><p style="font: 10pt Times
New Roman, Times, Serif; margin: 0pt 0; text-align: justify">Greenland's transmission products are used in 1-ton to 15-tons forklift
trucks, some with mechanical shift and some with automatic shift. Greenland sells these transmission products directly to forklift-truck
manufacturers. In the six months ended June 30, 2024 and 2023, Greenland sold an aggregate of 80,496 and 75,097 sets of transmission
products, respectively, to more than 100 forklift manufacturers in the PRC.</p><p style="font: 10pt Times New Roman, Times, Serif;
margin: 0pt 0; text-align: justify"></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">In
January 2020, Greenland launched HEVI Corp. ("HEVI"), formerly known as Greenland Technologies Corp. to focus on the production
and sale of electric industrial vehicles to meet the increasing demand for electric industrial vehicles and machinery powered by
sustainable energy in order to reduce air pollution and lower carbon emissions. HEVI is a wholly owned subsidiary of Greenland
incorporated under the laws of the State of Delaware. HEVI's electric industrial vehicle products currently include GEF-series electric
forklifts, a series of lithium powered forklifts with three models ranging in size from 1.8 tons to 3.5 tons, GEL-1800, a 1.8 ton rated load
lithium powered electric wheeled front loader, GEX-8000, an all-electric 8.0 ton rated load lithium powered wheeled excavator, and GEL-
5000, an all-electric 5.0 ton rated load lithium wheeled front loader. In addition, HEVI introduced a line of mobile DC battery chargers
that support DC powered EV applications in the North America market. These products are available for purchase in the United States

(“U.S.”) market. In August 2022, Greenland launched a 54,000 square foot industrial electric vehicle assembly site in Baltimore, Maryland to support local services, assembly and distribution of its electric industrial heavy equipment products line. In July 2024, HEVI announced a partnership with Lonking Holdings Limited to develop and distribute heavy electric machinery and related technology specialized for the US market.

Greenland serves as the parent company of Zhongchai Holding (Hong Kong) Limited, a holding company formed under the laws of the Hong Kong Special Administrative Region (“Hong Kong”) on April 23, 2009 (“Zhongchai Holding”). Zhongchai Holding’s subsidiaries include Zhejiang Zhongchai Machinery Co. Ltd., an operating company formed under the laws of the People’s Republic of China (the “PRC” or “China”) in 2005, Hangzhou Greenland Energy Technologies Co., Ltd. (“Hangzhou Greenland”), an operating company formed under the laws of the PRC in 2019, and Hengyu Capital Limited, a company formed in Hong Kong on August 16, 2022 (“Hengyu Capital”). Through Zhongchai Holding and its subsidiaries, Greenland develops and manufactures traditional transmission products for material handling machineries in the PRC.

Greenland was incorporated on December 28, 2017 as a British Virgin Islands company with limited liability. Following the Business Combination (as described and defined below) in October 2019, the Company changed its name from Greenland Acquisition Corporation to Greenland Technologies Holding Corporation.

The COVID-19 pandemic has significantly affected business and manufacturing activities within China, including travel restrictions, widespread mandatory quarantines, and suspension of business activities within China. Chinese industries have gradually resumed businesses since the Chinese government lifted its COVID-19 protocols and measures in December 2022. Currently, the COVID-19 pandemic has no significant impact on our operations.

The Company’s Shareholders

As of June 30, 2024, Cenntro Holding Limited owned 45.69% of Greenland’s outstanding ordinary shares. Cenntro Holding Limited is controlled and beneficially owned by Mr. Peter Zuguang Wang, the chairman of the board of directors of the Company.

The Company’s Subsidiaries

Zhongchai Holding, an indirect wholly owned subsidiary of the Company, owns 71.576% of the equity interests in Zhejiang Zhongchai Machinery Co., Ltd. (“Zhejiang Zhongchai”), 100% of the equity interests in Hangzhou Greenland Energy Technologies Co., Ltd Co., Ltd (“Hangzhou Greenland”), and 62.5% of the equity interests in Hengyu Capital, Ltd. (“Hengyu Capital”). HEVI (formerly known as Greenland Technologies Corp.) is a wholly owned subsidiary of Greenland and Greenland Holding Enterprises Inc. is a wholly owned subsidiary of Greenland.

Zhejiang Zhongchai, a limited liability company registered on November 21, 2005, is the direct operating subsidiary of Zhongchai Holding in the PRC. On April 5, 2007, Usunco Automotive Limited (“Usunco”), a British Virgin Islands limited liability company, invested US\$8,000,000 for purchasing approximately a 75.4717% equity interest of Zhejiang Zhongchai. On December 16, 2009, Usunco agreed to transfer its 75.4717% interest in Zhejiang Zhongchai to Zhongchai Holding. On April 26, 2010, Xinchang County Keyi Machinery Co., Ltd. transferred 24.5283% equity interest it owned in Zhejiang Zhongchai to Zhongchai Holding in exchange for a consideration of US\$2.6 million. On November 1, 2017, Xinchang County Jiuxin Investment Management Partnership (LP) (“Jiuxin”), an entity controlled and beneficially owned by Mr. He Mengxing, president of Zhejiang Zhongchai, completed its investment of approximately RMB31,590,000 in Zhejiang Zhongchai for a 10.53% equity interest. On December 29, 2021, Xinchang County Jiuhe Investment Management Partnership (LP) (“Jiuhe”), an entity controlled and beneficially owned by Mr. He Mengxing, president of Zhejiang Zhongchai, completed its investment of approximately RMB34,300,000 in Zhejiang Zhongchai for a 20.00% equity interest. As of June 30, 2024, Zhongchai Holding owned approximately 71.576% of the equity interests, Jiuxin owned approximately 8.424% of the equity interests, and Jiuhe owned approximately 20.00% of the equity interests in Zhejiang Zhongchai.

Through Zhejiang Zhongchai, the Company has been engaging in the manufacturing and sales of transmission systems mainly for forklift trucks since 2006. These forklift trucks are used in manufacturing and logistics applications, such as factory, workshop, warehouse, fulfilment centers, shipyards and seaports. The transmission systems are the key components for forklift trucks. The Company supplies transmission systems to forklift truck manufacturers. Its transmission systems fit for forklift trucks ranging from 1 to 15 tons, with either mechanical shift or automatic shift. All the products are currently manufactured at the Company’s facility in Xinchang, Zhejiang Province, the PRC and are sold to both domestic and oversea markets.

Hangzhou Greenland is a limited liability company registered on August 9, 2019 in Hangzhou Sunking Plaza, Zhejiang, the PRC. Hangzhou Greenland engages in the business of trading construction engineering machinery, electronic components, hardware, and others.

HEVI, formerly known as Greenland Technologies Corp. prior to May 2022, was incorporated on January 14, 2020 under the laws of the State of Delaware. HEVI is a wholly owned subsidiary of Greenland and promotes sales of sustainable alternative products for the heavy industrial equipment industry, including electric industrial vehicles, in the North American market.

Hengyu Capital is a limited liability company registered on August 16, 2022 in Hong Kong. The main business of Hengyu Capital is to engage in investment management and consulting services.

Greenland Holding Enterprises Inc. is a holding company registered on August 28, 2023 in the State of Delaware with no operations.

Details of the Company’s subsidiaries, which are included in these unaudited consolidated financial statements as of June 30, 2024, are as follows:

Name	Domicile and Date of Incorporation	Paid-in Capital	Ownership Percentage	Principal Activities
Zhongchai Holding (Hong Kong) Limited	April 23, 2009			Hong Kong
HEVI				HKD
Greenland Holding Enterprises Inc.				
Hengyu Capital				
Zhejiang Zhongchai Machinery Co., Ltd.				
Hangzhou Greenland Energy Technologies Co., Ltd.				
Hengyu Capital, Ltd.				

Zhejiang Zhongchai Machinery Co., Ltd.

November 21, 2005

RMB

25,000,000

71.576

Manufacture, sale of various transmission boxes

Hangzhou Greenland Energy Technologies Co., Ltd.

PRC

August 8, 2020

RMB

8,669,482

Trading

Delaware

January 14, 2020

USD

HEVI Corp.

Hengyu Capital, Ltd

Hong Kong

August 16, 2022

HKD

Investment management and consulting services

Greenland Holding Enterprises Inc.

Delaware

August 28, 2023

USD

1

Holding

80496 75097 HEVI's electric industrial vehicle products currently include GEF-series electric forklifts, a series of lithium powered forklifts with three models ranging in size from 1.8 tons to 3.5 tons, GEL-1800, a 1.8 ton rated load lithium powered electric wheeled front loader, GEX-8000, an all-electric 8.0 ton rated load lithium powered wheeled excavator, and GEL-5000, an all-electric 5.0 ton rated load lithium wheeled front loader. In addition, HEVI introduced a line of mobile DC battery chargers that support DC powered EV applications in the North America market. These products are available for purchase in the United States ("U.S.") market. In August 2022, Greenland launched a 54,000 square foot industrial electric vehicle assembly site in Baltimore, Maryland to support local services, assembly and distribution of its electric industrial heavy equipment products line.

0.4569 0.71576 1 0.625 8000000 0.754717 0.754717 0.245283 2600000 31590000 0.1053 34300000 0.20 0.71576 0.08424 0.20 Details of the Company's subsidiaries, which are included in these unaudited consolidated financial statements as of June 30, 2024, are as follows:

Name	Domicile and Date of Incorporation	Paid-in Capital	Ownership Percentage	Principal Activities
Zhongchai Holding (Hong Kong) Limited	Hong Kong	April 23, 2009		
HKD				
10,000				
100				
Holding				
Zhejiang Zhongchai Machinery Co., Ltd.	PRC	November 21, 2005		
RMB				
25,000,000				
71.576				
Manufacture, sale of various transmission boxes				
Hangzhou Greenland Energy Technologies Co., Ltd.	PRC	August 8, 2020		
RMB				
8,669,482				
Trading				
Delaware				
January 14, 2020				
USD				
HEVI Corp.				
Hengyu Capital, Ltd				
Hong Kong				
August 16, 2022				
HKD				
Investment management and consulting services				
Greenland Holding Enterprises Inc.				
Delaware				
August 28, 2023				
USD				
1				
Holding				
80496 75097				
HEVI's electric industrial vehicle products currently include GEF-series electric forklifts, a series of lithium powered forklifts with three models ranging in size from 1.8 tons to 3.5 tons, GEL-1800, a 1.8 ton rated load lithium powered electric wheeled front loader, GEX-8000, an all-electric 8.0 ton rated load lithium powered wheeled excavator, and GEL-5000, an all-electric 5.0 ton rated load lithium wheeled front loader. In addition, HEVI introduced a line of mobile DC battery chargers that support DC powered EV applications in the North America market. These products are available for purchase in the United States ("U.S.") market. In August 2022, Greenland launched a 54,000 square foot industrial electric vehicle assembly site in Baltimore, Maryland to support local services, assembly and distribution of its electric industrial heavy equipment products line.				

0.4569 0.71576 1 0.625 8000000 0.754717 0.754717 0.245283 2600000 31590000 0.1053 34300000 0.20 0.71576 0.08424 0.20 Details of the Company's subsidiaries, which are included in these unaudited consolidated financial statements as of June 30, 2024, are as follows:

Basis of Presentation

The accompanying unaudited consolidated financial statements are prepared in accordance with accounting principles generally accepted in the United States of America ("U.S. GAAP") for information pursuant to the rules and regulations of the U.S. Securities and Exchange Commission.

Principles of Consolidation

A subsidiary is an entity in which (i) the Company directly or indirectly controls more than 50% of the voting power; or (ii) the Company has the power to appoint or remove the majority of the members of the board of directors or to cast a majority

of votes at the meetings of the board of directors or to govern the financial and operating policies of the investee pursuant to a statute or under an agreement among the shareholders or equity holders.

Use of Estimates

The preparation of the consolidated financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the consolidated financial statements and the reported amounts of revenues and expenses during the reporting periods. Management makes these estimates using the best information available at the time the estimates are made. Actual results could differ from those estimates. Significant estimates in the six months ended June 30, 2024 and 2023 include allowance for expected credit losses; reserve for inventories; fair value of warrant liability; useful life of property, plant and equipment; assumptions used in assessing impairment of long-term assets; estimates used in accounting for leases in accordance with FASB ASC 842, Leases and valuation of deferred tax assets and accruals for taxes due.

Non-controlling Interest

Non-controlling interests in the Company's subsidiaries are recorded in accordance with the provisions of Financial Accounting Standards Board ("FASB") Accounting Standards Codification 810 Consolidation ("ASC 810") and are reported as a component of equity, separate from the parent's equity. Purchase or sale of equity interests that do not result in a change of control are accounted for as equity transactions. Results of operations attributable to the non-controlling interest are included in our consolidated results of operations and, upon loss of control, the interest sold, as well as interest retained, if any, will be reported at fair value with any gain or loss recognized in earnings.

Foreign Currency Translation

Since the Company operates primarily in the PRC, the Company's functional currency is the Renminbi ("RMB"). The Company's financial statements have been translated into the reporting currency of the United States Dollar ("USD", "US\$" or "\$"). Assets and liabilities of the Company are translated at the exchange rate at each reporting period end date. Equity is translated at the historical exchange rate when the transaction occurs. Income and expense accounts are translated at the average rate of exchange during the reporting period. The resulting translation adjustments are reported under other comprehensive income (loss). Gains and losses resulting from the translation of foreign currency transactions and balances are reflected in the results of operations.

	June 30, 2024	December 31, 2023
Period end RMB: US\$ exchange rate	7.2672	7.0999
Period average RMB: US\$ exchange rate	7.2150	6.8423

The RMB is not freely convertible into foreign currency and all foreign exchange transactions must take place through authorized institutions. The PRC government imposes significant exchange restrictions on fund transfers out of the PRC that are not related to business operations.

Cash and Cash Equivalents

For financial reporting purposes, the Company considers all highly liquid investments purchased with an original maturity of three months or less to be cash equivalents. The Company maintains its bank accounts with various financial institutions primarily in mainland China and the U.S. The Company has not experienced any losses in bank accounts.

Restricted Cash

Restricted cash represents amounts held by a bank as security for bank acceptance bills, as well as the financial product secured for the short-term bank loan and therefore is not available for the Company's use until such time as the bank acceptance notes and bank loans have been fulfilled or expired, normally within a twelve-month period.

Fair Value of Financial Instruments

Fair Value Measurements and Disclosures, to the financial instruments that are required to be carried at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants at the measurement date. The Company uses a three-tier fair value hierarchy based upon observable and non-observable inputs that prioritizes the information used to develop our assumptions regarding fair value. Fair value measurements are separately disclosed by level within the fair value hierarchy.

	Level 1	Level 2
Level 1 – defined as observable inputs such as quoted prices in active markets for identical assets or liabilities;		
Level 2 – defined as inputs other than quoted prices in active markets, that are either directly or indirectly observable; and		

family: Times New Roman, Times, Serif; font-size: 10pt">●</td> <td style="text-align: justify">Level 3—defined as unobservable inputs in which little or no market data exists, therefore requiring an entity to develop its own assumptions.</td></tr> </table> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">The Company's financial assets and liabilities, which include financial instruments as defined by FASB ASC 820, include cash, cash equivalents and restricted cash, short term investment, accounts receivable, notes receivables, due from related party, fixed deposit, short term bank loans, accounts payable, other payable, notes payable and warrant liability. As of June 30, 2024 and December 31, 2023, the carrying amounts of cash and cash equivalents, restricted cash, accounts receivable, notes receivables, notes payables and accounts payable were approximation of their fair value due to the short-term nature. As of June 30, 2024 and December 31, 2023, fixed deposits and bank loans were measured at amortized cost.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">The following table summarizes the fair value measurements of assets and liabilities that are measured at fair value on a recurring basis as of June 30, 2024:</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"></p> <table cellpadding="0" cellspacing="0" style="border-collapse: collapse; width: 100%; font: 10pt Times New Roman, Times, Serif"> <tr style="vertical-align: bottom"> <td style="font-weight: bold; text-align: justify; border-bottom: Black 1.5pt solid">(amount in absolute value)</td> <td style="font-weight: bold; padding-bottom: 1.5pt"></td> <td colspan="2" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">Active Market for
 Identical
 Assets
 (Level 1)</td> <td style="padding-bottom: 1.5pt; font-weight: bold"></td> <td style="font-weight: bold; padding-bottom: 1.5pt"></td> <td colspan="2" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">Observable
 Inputs
 (Level 2)</td> <td style="padding-bottom: 1.5pt; font-weight: bold"></td> <td style="font-weight: bold; padding-bottom: 1.5pt"></td> <td colspan="2" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">Unobservable
 Inputs
 (Level 3)</td> <td style="padding-bottom: 1.5pt; font-weight: bold"></td> <td style="font-weight: bold; padding-bottom: 1.5pt"></td> <td colspan="2" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">Total
 Carrying
 Value</td> <td style="padding-bottom: 1.5pt; font-weight: bold"></td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 52%; text-align: justify">Short term investment</td> <td style="width: 1%"></td> <td style="width: 1%; text-align: left">\$</td> <td style="width: 9%; text-align: right">5,504,183</td> <td style="width: 1%; text-align: left"></td> <td style="width: 1%"></td> <td style="width: 1%; text-align: left"></td> <td style="width: 9%; text-align: right"></td> <td style="width: 1%; text-align: left"></td> <td style="width: 1%"></td> <td style="width: 1%; text-align: left"></td> <td style="width: 1%; text-align: left"></td> <td style="width: 9%; text-align: right">5,504,183</td> <td style="width: 1%; text-align: left"></td> <tr style="vertical-align: bottom;"> <td style="padding-bottom: 1.5pt">Warrants liability</td> <td style="padding-bottom: 1.5pt"></td> <td style="border-bottom: Black 1.5pt solid; text-align: left"></td> <td style="border-bottom: Black 1.5pt solid; text-align: right"></div style="-sec-ix-hidden: hidden-fact-72"></div></td> <td style="padding-bottom: 1.5pt; text-align: left"></td> <td style="padding-bottom: 1.5pt"></td> <td style="border-bottom: Black 1.5pt solid; text-align: left"></td> <td style="border-bottom: Black 1.5pt solid; text-align: right"></div style="-sec-ix-hidden: hidden-fact-73"></div></td> <td style="padding-bottom: 1.5pt; text-align: left"></td> <td style="padding-bottom: 1.5pt"></td> <td style="border-bottom: Black 1.5pt solid; text-align: left"></td> <td style="border-bottom: Black 1.5pt solid; text-align: right"></div style="-sec-ix-hidden: hidden-fact-74"></div></td> <td style="padding-bottom: 4pt; text-align: left"></td> <td style="padding-bottom: 4pt"></td> <td style="border-bottom: Black 4pt double; text-align: left">\$</td> <td style="border-bottom: Black 4pt double; text-align: right">6,684,464</td> <td style="padding-bottom: 4pt; text-align: left"></td></tr> </table> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">Accounts Receivable and Allowance for Expected Credit Losses</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">Accounts receivable are stated at the historical carrying amount net of allowance for expected credit losses.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">The Company adopted ASU No. 2016-13, "Financial Instruments — Credit Losses (Topic 326), Measurement of Credit Losses on Financial Instruments" on January 1, 2023 using a modified retrospective approach. The Company also adopted this guidance to notes receivable and due from related parties.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">To estimate expected credit losses, the Company has identified the relevant risk characteristics of its customers and the related receivables. The Company considers the past collection experience, current economic conditions, future economic conditions (external data and macroeconomic factors) and changes in the Company's customer collection trends. The allowance for expected credit losses and corresponding receivables were written off when they are determined to be uncollectible.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">Inventories</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">Inventories are stated at the lower of cost or net realizable value, which is based on estimated selling prices less any further costs expected to be incurred for completion and disposal. Cost of raw materials is calculated using the weighted average method and is based on purchase cost. Work-in-progress and finished goods costs are determined using the weighted average method and comprise direct materials, direct labor and an appropriate proportion of overhead.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">Advance to Suppliers</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">Advance to suppliers represents interest-free cash paid in advance to suppliers for purchases of parts and/or raw materials. The balance of advance to suppliers was \$0.64 million and \$0.29 million as of June 30, 2024 and December 31, 2023, respectively.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">Property, Plant, and Equipment</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">Property, plant, and equipment are stated at cost less accumulated depreciation, and include expenditure that substantially increases the useful lives of existing assets. Expenditures for repairs and maintenance, which do not extend the useful life of the assets, are expensed as incurred.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">Depreciation is provided over their estimated useful lives, using the straight-line method. Estimated useful lives are as follows:</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0 0pt 0.55in; text-align: justify"></p> <table cellpadding="0" cellspacing="0" style="border-collapse: collapse; width: 100%; font: 10pt Times New Roman, Times, Serif"> <tr style="vertical-align: bottom;"> <td style="width: 88%">Buildings</td> <td style="width: 1%"></td> <td style="width: 11%; text-align: center">20 years</td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 88%">Machinery</td> <td style="width: 1%"></td> <td style="width: 11%; text-align: center">2–10 years</td></tr> </table>

left">Motor vehicles</td><td></td></tr><tr style="vertical-align: bottom;"><td style="text-align: left">Electronic equipment</td><td></td></tr><tr style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="text-align: left">Fixed assets decoration</td><td></td></tr><tr style="text-align: center"><td></td><td></td></tr></table> When assets are sold or retired, their costs and accumulated depreciation are eliminated from the consolidated financial statements and any gain or loss resulting from their disposal is recognized in the period of disposition as an element of other income. The cost of maintenance and repairs is charged to income as incurred, whereas significant renewals and betterments are capitalized. Construction in process Property, plant, and equipment that are purchased or constructed which require a period of time before the assets are ready for their intended use are accounted for as construction-in-progress. Construction-in-progress is recorded at acquisition cost, including installation costs. Construction-in-progress is transferred to specific property and equipment accounts and commences depreciation when these assets are ready for their intended use. Land Use Rights According to the PRC laws, the government owns all the land in the PRC. Companies or individuals are authorized to possess and use the land only through land use rights granted by the Chinese government. The land use rights granted to the Company are being amortized using the straight-line method over the lease term of fifty years. Impairment of Long-Lived Assets Long-lived assets are evaluated for impairment periodically whenever events or changes in circumstances indicate that their related carrying amounts may not be recoverable in accordance with FASB ASC 360, "Property, Plant and Equipment". In evaluating long-lived assets for recoverability, the Company uses its best estimate of future cash flows expected to result from the use of the asset and eventual disposition in accordance with FASB ASC 360-10-15. To the extent that estimated future, undiscounted cash inflows attributable to the asset, less estimated future, undiscounted cash outflows, are less than the carrying amount, an impairment loss is recognized in an amount equal to the difference between the carrying value of such asset and its fair value. Assets to be disposed of and for which there is a committed plan of disposal, whether through sale or abandonment, are reported at the lower of carrying value or fair value less costs to sell. There was no impairment loss recognized for the six months ended June 30, 2024 and 2023. Lease ASC 842 supersedes the lease requirements in ASC 840 "Leases," and generally requires lessees to recognize operating and finance lease liabilities and corresponding right-of-use assets on the balance sheet and to provide enhanced disclosures surrounding the amount, timing and uncertainty of cash flows arising from leasing arrangements. Leases that transfer substantially all of the benefits and risks incidental to the ownership of assets are accounted for as finance leases as if there was an acquisition of an asset and incurrence of an obligation at the inception of the lease. All other leases are accounted for as operating leases. A sale-leaseback transaction occurs when an entity sells an asset it owns and immediately leases the asset back from the buyer. The seller then becomes the lessee and the buyer becomes the lessor. Under ASC 842, both parties must assess whether the buyer-lessor has obtained control of the asset and a sale has occurred. The Company has leased premises for its assembly site under non-cancellable operating leases since June 2022. Operating lease payments are expensed over the term of lease using straight line method. The Company's office leases have a 3-year term and the lease of its assembly site has a 5.5-year term. Usually within four months prior to the expiration date of a lease, the Company is required to notify the lessor and has a priority to continue renting the lease property if a lessor intends to lease property. The lease itself does not have restrictions or covenants. Any damage, if made by the lessee, to the property and equipment within the property has to been fixed or reimbursed by the lessee. The Company does not have any leases entered into that have not yet commenced. Under the terms of the lease agreements, the Company has no legal or contractual asset retirement obligations at the end of the leases. Revenue Recognition In accordance with ASC Topic 606, "Revenue from Contracts with Customers," the Company recognizes revenues when goods or services are transferred to customers in an amount that reflects the consideration which the Company expects to receive in exchange for those goods or services. In determining when and how revenues are recognized from contracts with customers, the Company performs the following five-step analysis: (i) identification of contract with customer; (ii) determination of performance obligations; (iii) measurement of the transaction price; (iv) allocation of the transaction price to the performance obligations and (v) recognition of revenues when (or as) the Company satisfies each performance obligation. The Company derives revenues from the processing, distribution and sale of its products. The Company recognizes its revenues net of value-added taxes ("VAT"). The Company is subject to VAT which had been levied at the rate of 17% on the invoiced value of sales until April 30, 2018, after which date the rate was reduced to 16%. VAT rate was further reduced to 13% starting from April 1, 2019. Output VAT is borne by customers in addition to the invoiced value of sales and input VAT is borne by the Company in addition to the invoiced value of purchases to the extent not refunded for export sales. Revenues are recognized at a point in time once the Company has determined that the customer has obtained control over the product. Control is typically deemed to have been transferred to the customer when the performance obligation is fulfilled, usually at the time of customers' acceptance or consumption, at the net sales price (transaction price) and each of the criteria under ASC 606 have been met. Contract terms may require the Company to deliver the finished goods to the customers' location or the customer may pick up the finished goods at the Company's factory. International sales are recognized when shipment clears customs and leaves the port. Payments due within two months after customers' acceptance or consumption. The Company adopted ASC 606 on January 1, 2018, using the transition method of Modified Retrospective Method ("MRM"). The adoption of ASC 606 had no impact on the Company's beginning balance of retained earnings. The Company's contracts are all short-term in nature with a contract term of one year or less. Receivables are recorded when the Company has an unconditional right to consideration. Contracts do not offer any price protection but allow for the return of certain goods if there is a quality problem, which is standard warranty. The Company's product returns and recorded reserve for sales returns were minimal for the six months ended June 30, 2024 and 2023. The total sales return amount accounted for around 0.04% and 0.05% of the total revenue of Greenland for the six months ended June 30, 2024 and 2023, respectively. The total warrants expenditures amount accounted for around 0.46% and 0.23% of the total revenue of Greenland for the six months ended June 30, 2024 and 2023, respectively. The following table sets forth disaggregation of revenue: <table cellpadding="0" cellspacing="0" style="border-collapse: collapse; width: 100%; font: 10pt Times New Roman, Times, Serif"><tr style="vertical-align: bottom"><td style="text-align: center"></td><td style="font-weight: bold; padding-bottom: 1.5pt"></td><td colspan="6" style="font-weight: bold; text-align: center; border-bottom: 1.5pt solid black">For the three months ended June 30,</td><td style="padding-bottom: 1.5pt;
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subject to a value added tax in accordance with PRC Laws. The VAT standard rate had been 17% of the gross sale price until April 30, 2018, after which date the rate was reduced to 16%. VAT rate was further reduced to 13% starting from April 1, 2019. A credit is available whereby VAT paid on the purchases of semi-finished products or raw materials used in the production of the Company's finished products can be used to offset the VAT due on the sales of the finished products.

Statutory Reserve

In accordance with the PRC Regulations on Enterprises with Foreign Investment, an enterprise established in the PRC with foreign investment is required to provide for certain statutory reserves, namely (i) a General Reserve Fund, (ii) an Enterprise Expansion Fund and (iii) a Staff Welfare and Bonus Fund, which are appropriated from net profit as reported in the enterprise's PRC statutory accounts. A wholly owned foreign enterprise is required to allocate at least 10% of its annual after-tax profit to the General Reserve Fund until the balance of such fund has reached 50% of its respective registered capital. A non-wholly owned foreign invested enterprise is permitted to provide for the above allocation at the discretion of its board of directors. Appropriations to the Enterprise Expansion Fund and Staff Welfare and Bonus Fund are at the discretion of the board of directors for all foreign invested enterprises. The reserves can only be used for specific purposes and are not distributable as cash dividends.

Comprehensive Income (Loss)

Comprehensive income (loss) is defined as the change in equity during the year from transactions and other events, excluding the changes resulting from investments by owners and distributions to owners, and is not included in the computation of income tax expense or benefit. Accumulated comprehensive income consists of foreign currency translation. The Company presents comprehensive income (loss) in accordance with ASC Topic 220, "Comprehensive Income".

Earnings per share

The Company calculates earnings per share in accordance with ASC Topic 260 "Earnings per Share." Basic earnings per share is computed by dividing the net income(loss) attributable to Greenland Technologies Holding Corporation, by the weighted average number of ordinary shares outstanding during the period. Diluted earnings per share is computed similar to basic earnings per share except that the denominator is increased to include the number of additional ordinary shares that would have been outstanding if the potential ordinary shares equivalents had been issued and if the additional ordinary shares were dilutive.

Segments and Related Information

ASC 280 "Segment reporting" establishes standards for reporting information on operating segments in interim and annual financial statements. All of the Company's operations are considered by the chief operating decision maker to be aggregated in one reportable operating segment.

The Company is engaged in the business of manufacturing and selling various transmission boxes. The Company's manufacturing process is essentially the same for the entire Company and is performed in-house at the Company's facilities in the PRC. The Company's customers primarily consist of entities in the automotive, construction machinery or warehousing equipment industries. The distribution of the Company's products is consistent across the entire Company. In addition, the economic characteristics of each customer arrangement are similar in that the Company maintains policies at the corporate level.

Commitments and contingencies

In the normal course of business, the Company is subject to contingencies, including legal proceedings and environmental claims arising out of the normal course of businesses that relate to a wide range of matters, including among others, contracts breach liability. The Company records accruals for such contingencies based upon the assessment of the probability of occurrence and, where determinable, an estimate of the liability. Management may consider many factors in making these assessments including past history, scientific evidence and the specifics of each matter. The Company's management has evaluated all such proceedings and claims that existed as of June 30, 2024 and December 31, 2023. Normal course of businesses that relate to a wide range of matters, including among others, contracts breach liability. The Company records accruals for such contingencies based upon the assessment of the probability of occurrence and, where determinable, an estimate of the liability. Management may consider many factors in making these assessments including past history, scientific evidence and the specifics of each matter. The Company's management has evaluated all such proceedings and claims that existed as of June 30, 2024 and December 31, 2023.

Related Party

In general, related parties exist when there is a relationship that offers the potential for transactions at less than arm's-length, favorable treatment, or the ability to influence the outcome of events different from that outcome which might result in the absence of that relationship. A related party may be any of the following: a) an affiliate, which is a party that directly or indirectly controls, is controlled by, or is under common control with another party; b) a principle owner, owner of record or known beneficial owner of more than 10% of the voting interest of an entity; c) management, which are persons having responsibility for achieving objectives of the entity and requisite authority to make decision; d) immediate family of management or principal owners; e) a parent company and its subsidiaries; f) other parties that have ability to significant influence the management or operating policies of the entity; and g) other parties that can significantly influence the management or operating policies of the transacting parties or that have an ownership interest in one of the transacting parties and can significantly influence the other to an extent that one or more of the transacting parties might be prevented from fully pursuing its or their own separate interests. The Company discloses all significant related party transactions.

Uncertainty and Risks

Political, Social and Economic Risks

A significant portion of the Company's operations are conducted in the PRC. Accordingly, the Company's business, financial condition and results of operations may be influenced by the political, economic and legal environment in the PRC, and by the general state of the PRC economy.

The Company's operations in the PRC are subject to special considerations and significant risks not typically associated with companies in North America and Western Europe. These include risks associated with, among others, the political, economic and legal environment and foreign currency exchange. The Company's results may be adversely affected by changes in the political and social conditions in the PRC, and by changes in governmental policies with respect to laws and regulations, anti-inflationary measures, currency conversion, remittances abroad, and rates and methods of taxation, among other things.

Currency Exchange Risk

The Company cannot guarantee that the current exchange rate will remain steady. Therefore, there is a possibility that the Company could post the same amount of profit for two comparable periods and yet, because of the fluctuating exchange rate, record higher or lower profit depending on exchange rate of RMB converted to U.S. dollars on the relevant dates. The exchange rate could fluctuate depending on changes in the political and economic environment without notice.

Concentration of Credit Risk

Financial instruments that potentially expose the Company to concentrations of credit risk consist primarily of cash in bank and accounts receivable.

The Company places its cash with financial institutions in the PRC and the U.S. Balances at financial institutions and state-owned banks within the PRC are covered by insurance up to RMB500,000 (USD70,000) per bank. As of June 30, 2024 and December 31, 2023, the Company's bank account balance in the PRC was \$23,313,985 and \$33,033,191, respectively, exceeding PRC deposit insurance of RMB500,000 (USD70,000) as of each year end. To date, the Company has not experienced any losses in such accounts.

The Company's bank deposits in the U.S. are insured to the maximum extent permitted by the Deposit Insurance Fund in the U.S. Dodd-Frank permanently increased the maximum amount of deposit insurance to \$250,000 per depositor, per insured institution for each account ownership category. Federal Deposit Insurance Corporation ("FDIC") insurance is backed by the full faith and credit of the United States government. As of June 30, 2024 and December 31, 2023, the Company's bank account balance in the United States was \$93,754 and \$3,797,076, respectively, exceeding FDIC insurance of \$250,000 as of each year end. To date, the Company has not experienced any losses in such accounts.

The Company conducts credit evaluations of customers, and generally does not require collateral or other security from its customers. The Company establishes an allowance for expected credit losses primarily based upon the factors surrounding the credit risk of specific customers.

Warrants

The Company accounts for warrants as either equity-classified or liability-classified instruments based on an assessment of the warrant's specific terms and applicable authoritative guidance in the ASC 480, Distinguishing Liabilities from Equity ("ASC 480") and ASC 815, Derivatives and Hedging ("ASC 815"). Management's assessment considers whether the warrants are freestanding financial instruments pursuant to ASC 480, whether they meet the definition of a liability pursuant to ASC 480, and whether the warrants meet all of the requirements for equity classification under ASC 815, including whether the warrants are indexed to the Company's own ordinary shares and whether the warrant holders could potentially require "net cash settlement" in a circumstance outside of the Company's control, among other conditions for equity classification. This assessment, which requires the use of professional judgment, is conducted at the time of warrant issuance and as of each subsequent quarterly period-end date while the warrants are outstanding.

For issued or modified warrants that meet all of the criteria for equity classification, they are recorded as a component of additional paid-in capital at the time of issuance. For issued or modified warrants that do not meet all the criteria for equity classification, they are recorded as warrant liability at their initial fair value on the date of issuance and subject to remeasurement each balance sheet date with changes in the estimated fair value of the warrants to be recognized as a non-cash gain or loss in the statement of operations.

Recently Issued Accounting Pronouncements

Recent accounting pronouncements that the Company has adopted or may be required to adopt in the future are summarized below:

In June 2016, the FASB issued ASU 2016-13, Credit Losses, Measurement of Credit Losses on Financial Instruments. This ASU provides more useful information about expected credit losses to financial statement users and changes how entities will measure credit losses on financial instruments and timing of when such losses should be recognized. This ASU is effective for annual and interim periods beginning after December 15, 2019 for issuers and December 15, 2020 for non-issuers. Early adoption is permitted for all entities for annual periods beginning after December 15, 2018, and interim periods therein. In May 2019, the FASB issued ASU 2019-05, Financial Instruments — Credit Losses (Topic 326): Targeted Transition Relief. This update adds optional transition relief for entities to elect the fair value option for certain financial assets previously measured at amortized cost basis to increase comparability of similar financial assets. The updates should be applied through a cumulative-effect adjustment to retained earnings as of the beginning of the first reporting period in which the guidance is effective (that is, a modified retrospective approach). On November 19, 2019, the FASB issued ASU 2019-10 to amend the effective date for ASU 2016-13 to be fiscal years beginning after December 15, 2022 and interim periods therein. The Company adopted this guidance on January 1, 2023, and the adoption did not have a material impact on its consolidated financial statements.

In March 2023, the FASB issued an ASU to amend certain provisions of ASC 842 that apply to arrangements between related parties under common control. The ASU amends the accounting for the amortization period of leasehold improvements in common-control leases for all entities and requires certain disclosures when the lease term is shorter than the useful life of the asset. This ASU is effective for fiscal years beginning after December 15, 2023, including interim periods within those fiscal years. Early adoption is permitted. We do not expect the application of this ASU to have a material impact on our consolidated financial statements or financial disclosures.

In November 2023, Accounting Standards Update ("ASU") 2023-07, "Improvements to Reportable Segment Disclosures" was issued. ASU 2023-07 requires, among other updates, enhanced disclosures about significant segment expenses that are regularly provided to the chief operating decision maker, as well as the aggregate amount of other segment items included in the reported measure of segment profit or loss. This aims to provide more decision-useful information to stakeholders by giving a clearer picture of the costs incurred by each reportable segment. ASU 2023-07 is effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024, and requires retrospective adoption. Early adoption is permitted. We are assessing the impact of this guidance on our disclosures.

In December 2023, ASU 2023-09, "Improvements to Income Tax Disclosures" was issued. ASU 2023-09 requires enhanced annual disclosures regarding the rate reconciliation and income taxes paid. ASU 2023-09 is effective for fiscal years beginning after December 15, 2024, and may be adopted on a prospective or retrospective basis. Early adoption is permitted. We are assessing the impact of this guidance on our disclosures.

Other accounting standards that have been issued by FASB that do not require adoption until a future date are not expected to have a material impact on the consolidated financial statements upon adoption. The Company does not discuss recent pronouncements that are not anticipated to have an impact on, or are unrelated to, its consolidated financial condition, results of operations, cash flows or disclosures.

Basis of Presentation

The accompanying unaudited consolidated financial statements are prepared in accordance with accounting principles generally accepted in the United States of America ("U.S. GAAP") for information pursuant to the rules and regulations of the U.S. Securities and Exchange Commission.

Principles of Consolidation

The unaudited consolidated financial statements are prepared in accordance with accounting principles generally accepted in the United States of America ("US GAAP"). The unaudited consolidated financial statements include the financial statements of the Company and its subsidiaries, which include Hong Kong-registered entities and PRC-registered entities directly or indirectly owned by the Company. All transactions and balances among the Company and its subsidiaries have been eliminated upon consolidation. The results of subsidiaries acquired or disposed of are recorded in the consolidated income statements from the effective date of acquisition or up to the effective date of disposal, as appropriate.

A subsidiary is an entity in which (i) the Company directly or indirectly controls more than 50% of the voting power; or (ii) the Company has the power to appoint or remove the majority of the members of the board of directors or to cast a majority of votes at the meetings of the board of directors or to govern the financial and operating policies of the investee pursuant to a statute or under an agreement among the shareholders or equity holders.

Use of Estimates

The preparation of the consolidated financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of

assets and liabilities and disclosure of contingent assets and liabilities at the date of the consolidated financial statements and the reported amounts of revenues and expenses during the reporting periods. Management makes these estimates using the best information available at the time the estimates are made. Actual results could differ from those estimates. Significant estimates in the six months ended June 30, 2024 and 2023 include allowance for expected credit losses, reserve for inventories, fair value of warrant liability, useful life of property, plant and equipment, assumptions used in assessing impairment of long-term assets, estimates used in accounting for leases in accordance with FASB ASC 842, Leases and valuation of deferred tax assets and accruals for taxes due.

Non-controlling Interest

Non-controlling interests in the Company's subsidiaries are recorded in accordance with the provisions of Financial Accounting Standards Board ("FASB") Accounting Standards Codification 810 Consolidation ("ASC 810") and are reported as a component of equity, separate from the parent's equity. Purchase or sale of equity interests that do not result in a change of control are accounted for as equity transactions. Results of operations attributable to the non-controlling interest are included in our consolidated results of operations and, upon loss of control, the interest sold, as well as interest retained, if any, will be reported at fair value with any gain or loss recognized in earnings.

Foreign Currency Translation

Since the Company operates primarily in the PRC, the Company's functional currency is the Renminbi ("RMB"). The Company's financial statements have been translated into the reporting currency of the United States Dollar ("USD", "US\$" or "\$"). Assets and liabilities of the Company are translated at the exchange rate at each reporting period end date. Equity is translated at the historical exchange rate when the transaction occurs. Income and expense accounts are translated at the average rate of exchange during the reporting period. The resulting translation adjustments are reported under other comprehensive income (loss). Gains and losses resulting from the translation of foreign currency transactions and balances are reflected in the results of operations.

	June 30, 2024	June 30, 2023
Period end RMB: US\$ exchange rate	7.2672	7.0999
Period average RMB: US\$ exchange rate	7.2150	6.8423

The RMB is not freely convertible into foreign currency and all foreign exchange transactions must take place through authorized institutions. The PRC government imposes significant exchange restrictions on fund transfers out of the PRC that are not related to business operations. The resulting translation adjustments are reported under other comprehensive income (loss). Gains and losses resulting from the translation of foreign currency transactions and balances are reflected in the results of operations.

	June 30, 2024	June 30, 2023
Period end RMB: US\$ exchange rate	7.2672	7.0999
Period average RMB: US\$ exchange rate	7.2150	6.8423

Cash and Cash Equivalents

For financial reporting purposes, the Company considers all highly liquid investments purchased with an original maturity of three months or less to be cash equivalents. The Company maintains its bank accounts with various financial institutions primarily in mainland China and the U.S. The Company has not experienced any losses in bank accounts.

Restricted Cash

Restricted cash represents amounts held by a bank as security for bank acceptance bills, as well as the financial product secured for the short-term bank loan and therefore is not available for the Company's use until such time as the bank acceptance notes and bank loans have been fulfilled or expired, normally within a twelve-month period.

Fair Value of Financial Instruments

The Company applies the provisions of ASC 820, *Fair Value Measurements and Disclosures*, to the financial instruments that are required to be carried at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants at the measurement date. The Company uses a three-tier fair value hierarchy based upon observable and non-observable inputs that prioritizes the information used to develop our assumptions regarding fair value. Fair value measurements are separately disclosed by level within the fair value hierarchy.

	June 30, 2024	June 30, 2023
Period end RMB: US\$ exchange rate	7.2672	7.0999
Period average RMB: US\$ exchange rate	7.2150	6.8423

●

Level 1—defined as observable inputs such as quoted prices in active markets for identical assets or liabilities;

Level 2—defined as inputs other than quoted prices in active markets, that are either directly or indirectly observable; and

Level 3—defined as unobservable inputs in which little or no market data exists, therefore requiring an entity to develop its own assumptions.

The Company's financial assets and liabilities, which include financial instruments as defined by FASB ASC 820, include cash, cash equivalents and restricted cash, short term investment, accounts receivable, notes receivables, due from related party, fixed deposit, short term bank loans, accounts payable, other payable, notes payable and warrant liability. As of June 30, 2024 and December 31, 2023, the carrying amounts of cash and cash equivalents, restricted cash, accounts receivable, notes receivables, notes payables and accounts payable were approximation of their fair value due to the short-term nature. As of June 30, 2024 and December 31, 2023, fixed deposits and bank loans were measured at amortized cost.

The following table summarizes the fair value measurements of assets and liabilities that are measured at fair value on a recurring basis as of June 30, 2024:

	Observable Inputs (Level 1)	Unobservable Inputs (Level 2)	Unobservable Inputs (Level 3)	Total Carrying Value
Warrants liability	5,504,183			5,504,183
Assets	1,180,281			1,180,281
Liabilities				

The following table summarizes the fair value measurements of assets and liabilities that are measured at fair value on a recurring basis as of June 30, 2024:

	Observable Inputs (Level 1)	Unobservable Inputs (Level 2)	Unobservable Inputs (Level 3)	Total Carrying Value
Warrants liability	5,504,183			5,504,183
Assets	1,180,281			1,180,281
Liabilities				

Total		
5,504,183	118,028	5,622,211
5,504,183	118,028	5,622,211

Accounts Receivable and Allowance for Expected Credit Losses

Accounts receivable are stated at the historical carrying amount net of allowance for expected credit losses.

The Company adopted ASU No. 2016-13, "Financial Instruments — Credit Losses (Topic 326), Measurement of Credit Losses on Financial Instruments" on January 1, 2023 using a modified retrospective approach. The Company also adopted this guidance to notes receivable and due from related parties.

To estimate expected credit losses, the Company has identified the relevant risk characteristics of its customers and the related receivables. The Company considers the past collection experience, current economic conditions, future economic conditions (external data and macroeconomic factors) and changes in the Company's customer collection trends. The allowance for expected credit losses and corresponding receivables were written off when they are determined to be uncollectible.

Inventories

Inventories are stated at the lower of cost or net realizable value, which is based on estimated selling prices less any further costs expected to be incurred for completion and disposal. Cost of raw materials is calculated using the weighted average method and is based on purchase cost. Work-in-progress and finished goods costs are determined using the weighted average method and comprise direct materials, direct labor and an appropriate proportion of overhead.

Advance to Suppliers

Advance to suppliers represents interest-free cash paid in advance to suppliers for purchases of parts and/or raw materials. The balance of advance to suppliers was \$0.64 million and \$0.29 million as of June 30, 2024 and December 31, 2023, respectively.

Property, Plant, and Equipment

Property, plant, and equipment are stated at cost less accumulated depreciation, and include expenditure that substantially increases the useful lives of existing assets. Expenditures for repairs and maintenance, which do not extend the useful life of the assets, are expensed as incurred.

Depreciation is provided over their estimated useful lives, using the straight-line method. Estimated useful lives are as follows:

	Estimated useful lives
Buildings	20 years
Machinery	2-10 years
Motor vehicles	4 years
Electronic equipment	3-5 years
Fixed assets decoration	5 years

When assets are sold or retired, their costs and accumulated depreciation are eliminated from the consolidated financial statements and any gain or loss resulting from their disposal is recognized in the period of disposition as an element of other income. The cost of maintenance and repairs is charged to income as incurred, whereas significant renewals and betterments are capitalized.

Depreciation is provided over their estimated useful lives, using the straight-line method. Estimated useful lives are as follows:

	Estimated useful lives
Buildings	20 years
Machinery	2-10 years
Motor vehicles	4 years
Electronic equipment	3-5 years
Fixed assets decoration	5 years

Construction in process

Property, plant, and equipment that are purchased or constructed which require a period of time before the assets are ready for their intended use are accounted for as construction-in-progress. Construction-in-progress is recorded at acquisition cost, including installation costs. Construction-in-progress is transferred to specific property and equipment accounts and commences depreciation when these assets are ready for their intended use.

Land Use Rights

According to the PRC laws, the government owns all the land in the PRC. Companies or individuals are authorized to possess and use the land only through land use rights granted by the Chinese government. The land use rights granted to the Company are being amortized using the straight-line method over the lease term of fifty years.

Impairment of Long-Lived Assets

Long-lived assets are evaluated for impairment periodically whenever events or changes in circumstances indicate that their related carrying amounts may not be recoverable in accordance with FASB ASC 360, "Property, Plant and Equipment".

In evaluating long-lived assets for recoverability, the Company uses its best estimate of future cash flows expected to result from the use of the asset and eventual disposition in accordance with FASB ASC 360-10-15. To the extent that estimated future, undiscounted cash inflows attributable to the asset, less estimated future, undiscounted cash outflows, are less than the carrying amount, an impairment loss is recognized in an amount equal to the difference between the carrying value of such asset and its fair value. Assets to be disposed of and for which there is a committed plan of disposal, whether through sale or abandonment, are reported at the lower of carrying value or fair value less costs to sell. There was no impairment loss recognized for the six months ended June 30, 2024 and 2023.

Lease

ASC 842 supersedes the lease requirements in ASC 840 "Leases," and generally requires lessees to recognize operating and finance lease liabilities and corresponding right-of-use assets on the balance sheet and to provide enhanced disclosures surrounding the amount, timing and uncertainty of cash flows arising from leasing arrangements. Leases that transfer substantially all of the benefits and risks incidental to the ownership of assets are accounted for as finance leases as if there was an acquisition of an asset and incurrence of an obligation at the inception of the lease. All other leases are accounted for as operating leases.

A sale-leaseback transaction occurs when an entity sells an asset it owns and immediately leases the asset back from the buyer. The seller then becomes the lessee and the buyer becomes the lessor. Under ASC 842, both parties must assess whether the buyer-lessor has obtained control of the asset and a sale has occurred.

The Company has leased premises for its assembly site under non-cancellable operating leases since June 2022. Operating lease payments are expensed over the term of lease using straight line method. The Company's office leases have a 3-year term and the lease of its assembly site has a 5.5-year term. Usually within four months prior to the expiration date of a lease, the Company is required

to notify the lessor and has a priority to continue renting the lease property if a lessor intends to lease property. The lease itself does not have restrictions or covenants. Any damage, if made by the lessee, to the property and equipment within the property has to be fixed or reimbursed by the lessee. The Company does not have any leases entered into that have not yet commenced. Under the terms of the lease agreements, the Company has no legal or contractual asset retirement obligations at the end of the leases.

Revenue Recognition

In accordance with ASC Topic 606, "Revenue from Contracts with Customers," the Company recognizes revenues when goods or services are transferred to customers in an amount that reflects the consideration which the Company expects to receive in exchange for those goods or services. In determining when and how revenues are recognized from contracts with customers, the Company performs the following five-step analysis: (i) identification of contract with customer; (ii) determination of performance obligations; (iii) measurement of the transaction price; (iv) allocation of the transaction price to the performance obligations and (v) recognition of revenues when (or as) the Company satisfies each performance obligation. The Company derives revenues from the processing, distribution and sale of its products. The Company recognizes its revenues net of value-added taxes ("VAT"). The Company is subject to VAT which had been levied at the rate of 17% on the invoiced value of sales until April 30, 2018, after which date the rate was reduced to 16%. VAT rate was further reduced to 13% starting from April 1, 2019. Output VAT is borne by customers in addition to the invoiced value of sales and input VAT is borne by the Company in addition to the invoiced value of purchases to the extent not refunded for export sales.

Revenues are recognized at a point in time once the Company has determined that the customer has obtained control over the product. Control is typically deemed to have been transferred to the customer when the performance obligation is fulfilled, usually at the time of customers' acceptance or consumption, at the net sales price (transaction price) and each of the criteria under ASC 606 have been met. Contract terms may require the Company to deliver the finished goods to the customers' location or the customer may pick up the finished goods at the Company's factory. International sales are recognized when shipment clears customs and leaves the port. Payments due within two months after customers' acceptance or consumption.

The Company adopted ASC 606 on January 1, 2018, using the transition method of Modified Retrospective Method ("MRM"). The adoption of ASC 606 had no impact on the Company's beginning balance of retained earnings.

The Company's contracts are all short-term in nature with a contract term of one year or less. Receivables are recorded when the Company has an unconditional right to consideration.

Contracts do not offer any price protection but allow for the return of certain goods if there is a quality problem, which is standard warranty. The Company's product returns and recorded reserve for sales returns were minimal for the six months ended June 30, 2024 and 2023. The total sales return amount accounted for around 0.04% and 0.05% of the total revenue of Greenland for the six months ended June 30, 2024 and 2023, respectively. The total warrants expenditures amount accounted for around 0.46% and 0.23% of the total revenue of Greenland for the six months ended June 30, 2024 and 2023, respectively.

The following table sets forth disaggregation of revenue:

	For the three months ended June 30,	For the six months ended June 30,
Major Products	2024	2023
Transmission boxes for Forklift	21,035,937	22,657,220
Transmission boxes for Non-Forklift (EV, etc.)	1,981,323	912,229
Total	23,017,260	23,569,449
Major Products	2024	2023
Transmission boxes for Forklift	21,035,937	22,657,220
Transmission boxes for Non-Forklift (EV, etc.)	1,981,323	912,229
Total	23,017,260	23,569,449

[illegible]

Earnings per share The Company calculates earnings per share in accordance with ASC Topic 260 "Earnings per Share." Basic earnings per share is computed by dividing the net income(loss) attributable to Greenland Technologies Holding Corporation, by the weighted average number of ordinary shares outstanding during the period. Diluted earnings per share is computed similar to basic earnings per share except that the denominator is increased to include the number of additional ordinary shares that would have been outstanding if the potential ordinary shares equivalents had been issued and if the additional ordinary shares were dilutive.

Segments and Related Information ASC 280 "Segment reporting" establishes standards for reporting information on operating segments in interim and annual financial statements. All of the Company's operations are considered by the chief operating decision maker to be aggregated in one reportable operating segment.

The Company is engaged in the business of manufacturing and selling various transmission boxes. The Company's manufacturing process is essentially the same for the entire Company and is performed in-house at the Company's facilities in the PRC. The Company's customers primarily consist of entities in the automotive, construction machinery or warehousing equipment industries. The distribution of the Company's products is consistent across the entire Company. In addition, the economic characteristics of each customer arrangement are similar in that the Company maintains policies at the corporate level.

Commitments and contingencies In the normal course of business, the Company is subject to contingencies, including legal proceedings and environmental claims arising out of the normal course of businesses that relate to a wide range of matters, including among others, contracts breach liability. The Company records accruals for such contingencies based upon the assessment of the probability of occurrence and, where determinable, an estimate of the liability. Management may consider many factors in making these assessments including past history, scientific evidence and the specifics of each matter. The Company's management has evaluated all such proceedings and claims that existed as of June 30, 2024 and December 31, 2023. Normal course of businesses that relate to a wide range of matters, including among others, contracts breach liability. The Company records accruals for such contingencies based upon the assessment of the probability of occurrence and, where determinable, an estimate of the liability. Management may consider many factors in making these assessments including past history, scientific evidence and the specifics of each matter. The Company's management has evaluated all such proceedings and claims that existed as of June 30, 2024 and December 31, 2023.

Related Party In general, related parties exist when there is a relationship that offers the potential for transactions at less than arm's-length, favorable treatment, or the ability to influence the outcome of events different from that outcome which might result in the absence of that relationship. A related party may be any of the following: a) an affiliate, which is a party that directly or indirectly controls, is controlled by, or is under common control with another party; b) a principle owner, owner of record or known beneficial owner of more than 10% of the voting interest of an entity; c) management, which are persons having responsibility for achieving objectives of the entity and requisite authority to make decision; d) immediate family of management or principal owners; e) a parent company and its subsidiaries; f) other parties that have ability to significant influence the management or operating policies of the entity; and g) other parties that can significantly influence the management or operating policies of the transacting parties or that have an ownership interest in one of the transacting parties and can significantly influence the other to an extent that one or more of the transacting parties might be prevented from fully pursuing its or their own separate interests. The Company discloses all significant related party transactions.

0.10

Uncertainty and Risks A significant portion of the Company's operations are conducted in the PRC. Accordingly, the Company's business, financial condition and results of operations may be influenced by the political, economic and legal environment in the PRC, and by the general state of the PRC economy.

The Company's operations in the PRC are subject to special considerations and significant risks not typically associated with companies in North America and Western Europe. These include risks associated with, among others, the political, economic and legal environment and foreign currency exchange. The Company's results may be adversely affected by changes in the political and social conditions in the PRC, and by changes in governmental policies with respect to laws and regulations, anti-inflationary measures, currency conversion, remittances abroad, and rates and methods of taxation, among other things.

Currency Exchange Risk The Company cannot guarantee that the current exchange rate will remain steady. Therefore, there is a possibility that the Company could post the same amount of profit for two comparable periods and yet, because of the fluctuating exchange rate, record higher or lower profit depending on exchange rate of RMB converted to U.S. dollars on the relevant dates. The exchange rate could fluctuate depending on changes in the political and economic environment without notice.

Concentration of Credit Risk Financial instruments that potentially expose the Company to concentrations of credit risk consist primarily of cash in bank and accounts receivable.

The Company places its cash with financial institutions in the PRC and the U.S. Balances at financial institutions and state-owned banks within the PRC are covered by insurance up to RMB500,000 (USD70,000) per bank. As of June 30, 2024 and December 31, 2023, the Company's bank account balance in the PRC was \$23,313,985 and \$33,033,191, respectively, exceeding PRC deposit insurance of RMB500,000 (USD70,000) as of each year end. To date, the Company has not experienced any losses in such accounts.

The Company's bank deposits in the U.S. are insured to the maximum extent permitted by the Deposit Insurance Fund in the U.S. Dodd-Frank permanently increased the maximum amount of deposit insurance to \$250,000 per depositor, per insured institution for each account ownership category. Federal Deposit Insurance Corporation ("FDIC") insurance is backed by the full faith and credit of the United States government. As of June 30, 2024 and December 31, 2023, the Company's bank account balance in the United States was \$93,754 and \$3,797,076, respectively, exceeding FDIC insurance of \$250,000 as of each year end. To date, the Company has not experienced any losses in such accounts.

The Company conducts credit evaluations of customers, and generally does not require collateral or other security from its customers. The Company establishes an allowance for expected credit losses primarily based upon the factors surrounding the credit risk of specific customers.

500000 23313985 33033191 500000 250000 93754 3797076 250000

Warrants The Company accounts for warrants as either equity-classified or liability-classified instruments based on an assessment of the warrant's specific terms and applicable authoritative guidance in the ASC 480, Distinguishing Liabilities from Equity ("ASC 480") and ASC 815, Derivatives and Hedging ("ASC 815"). Management's assessment considers whether the warrants are freestanding financial instruments pursuant to ASC 480, whether they meet the definition of a liability pursuant to ASC 480, and whether the warrants meet all of the requirements for equity classification under ASC 815, including whether the warrants are indexed to the Company's own ordinary shares and whether the warrant holders could potentially require "net cash settlement" in a circumstance outside of the Company's control, among other conditions for equity classification. This assessment, which requires the use of professional judgment, is conducted at the time of warrant issuance and as of each subsequent quarterly period-end date while the warrants are outstanding.

For issued or modified warrants that meet all of the criteria for equity classification, they are recorded as a component of additional paid-in capital at the time of issuance. For issued or modified warrants that do not meet all the criteria for equity classification, they are recorded as warrant liability at their initial fair value on the date of issuance and subject to remeasurement each balance sheet date with changes in the estimated fair value of the warrants to be recognized as a non-cash gain or loss in the statement of operations.

Recently Issued Accounting Pronouncements Recent accounting pronouncements that the Company has adopted or may be required to adopt in the future are summarized below.

In June 2016, the FASB issued ASU 2016-13, Credit Losses, Measurement of Credit Losses

on Financial Instruments. This ASU provides more useful information about expected credit losses to financial statement users and changes how entities will measure credit losses on financial instruments and timing of when such losses should be recognized. This ASU is effective for annual and interim periods beginning after December 15, 2019 for issuers and December 15, 2020 for non-issuers. Early adoption is permitted for all entities for annual periods beginning after December 15, 2018, and interim periods therein. In May 2019, the FASB issued ASU 2019-05, Financial Instruments — Credit Losses (Topic 326): Targeted Transition Relief. This update adds optional transition relief for entities to elect the fair value option for certain financial assets previously measured at amortized cost basis to increase comparability of similar financial assets. The updates should be applied through a cumulative-effect adjustment to retained earnings as of the beginning of the first reporting period in which the guidance is effective (that is, a modified retrospective approach). On November 19, 2019, the FASB issued ASU 2019-10 to amend the effective date for ASU 2016-13 to be fiscal years beginning after December 15, 2022 and interim periods therein. The Company adopted this guidance on January 1, 2023, and the adoption did not have a material impact on its consolidated financial statements.

In March 2023, the FASB issued an ASU to amend certain provisions of ASC 842 that apply to arrangements between related parties under common control. The ASU amends the accounting for the amortization period of leasehold improvements in common-control leases for all entities and requires certain disclosures when the lease term is shorter than the useful life of the asset. This ASU is effective for fiscal years beginning after December 15, 2023, including interim periods within those fiscal years. Early adoption is permitted. We do not expect the application of this ASU to have a material impact on our consolidated financial statements or financial disclosures.

In November 2023, Accounting Standards Update (“ASU”) 2023-07, “Improvements to Reportable Segment Disclosures” was issued. ASU 2023-07 requires, among other updates, enhanced disclosures about significant segment expenses that are regularly provided to the chief operating decision maker, as well as the aggregate amount of other segment items included in the reported measure of segment profit or loss. This aims to provide more decision-useful information to stakeholders by giving a clearer picture of the costs incurred by each reportable segment. ASU 2023-07 is effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024, and requires retrospective adoption. Early adoption is permitted. We are assessing the impact of this guidance on our disclosures.

In December 2023, ASU 2023-09, “Improvements to Income Tax Disclosures” was issued. ASU 2023-09 requires enhanced annual disclosures regarding the rate reconciliation and income taxes paid. ASU 2023-09 is effective for fiscal years beginning after December 15, 2024, and may be adopted on a prospective or retrospective basis. Early adoption is permitted. We are assessing the impact of this guidance on our disclosures.

Other accounting standards that have been issued by FASB that do not require adoption until a future date are not expected to have a material impact on the consolidated financial statements upon adoption. The Company does not discuss recent pronouncements that are not anticipated to have an impact on, or are unrelated to, its consolidated financial condition, results of operations, cash flows or disclosures.

NOTE 3 – SHORT TERM INVESTMENT

As of June 30, 2024 and December 31, 2023, the Company’s short term investment amounted to \$5,504,183 and \$2,818,068, respectively. In the six months ended June 30, 2024, the Company purchased bank management products in a total amount of \$5,544,006 (RMB40,000,000). As of June 30, 2024, the fair value of the Company’s bank management products was \$5,504,183 (RMB40,000,000).

NOTE 4 – CONCENTRATION ON REVENUES AND COST OF GOODS SOLD

	June 30, 2024	December 31, 2023
Major customers representing more than 10% of the Company’s revenues	Company A	Company A
Company A	2,303,134	2,303,134
Company B	5,424,577	11,860
Company C	4,934,803	12,518,170
Company D	12,175,490	27,380
Company E	26,620	12,518,170
Company F	26,620	12,518,170
Company G	26,620	12,518,170
Company H	26,620	12,518,170
Company I	26,620	12,518,170
Company J	26,620	12,518,170
Company K	26,620	12,518,170
Company L	26,620	12,518,170
Company M	26,620	12,518,170
Company N	26,620	12,518,170
Company O	26,620	12,518,170
Company P	26,620	12,518,170
Company Q	26,620	12,518,170
Company R	26,620	12,518,170
Company S	26,620	12,518,170
Company T	26,620	12,518,170
Company U	26,620	12,518,170
Company V	26,620	12,518,170
Company W	26,620	12,518,170
Company X	26,620	12,518,170
Company Y	26,620	12,518,170
Company Z	26,620	12,518,170

[illegible]

[illegible]

[illegible]

[illegible]

right">28,844,085</td><td style="width: 1%; text-align: left"></td><td style="width: 1%"></td><td style="width: 1%; text-align: left">\$(<td style="width: 9%; text-align: right">27,135,249</td><td style="width: 1%; text-align: left"></td></tr><tr style="vertical-align: bottom; "><td style="text-align: justify; padding-bottom: 1.5pt">Commercial notes receivable</td><td style="padding-bottom: 1.5pt"></td><td style="border-bottom: Black 1.5pt solid; text-align: left"></td><td style="border-bottom: Black 1.5pt solid; text-align: right">2,118,195</td><td style="padding-bottom: 1.5pt; text-align: left"></td><td style="padding-bottom: 1.5pt"></td><td style="border-bottom: Black 1.5pt solid; text-align: left"></td><td style="border-bottom: Black 1.5pt solid; text-align: right"></div style="sec-ix-hidden: hidden-fact-77"></div><td style="padding-bottom: 1.5pt; text-align: left"></td></tr><tr style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="font-weight: bold; text-align: justify; padding-bottom: 4pt">Total</td><td style="font-weight: bold; padding-bottom: 4pt"></td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: left">\$(<td style="border-bottom: Black 4pt double; font-weight: bold; text-align: right">30,962,280</td><td style="padding-bottom: 2.5pt; font-weight: bold; text-align: left"></td><td style="font-weight: bold; padding-bottom: 4pt"></td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: left">\$(<td style="border-bottom: Black 4pt double; font-weight: bold; text-align: right">27,135,249</td><td style="padding-bottom: 2.5pt; font-weight: bold; text-align: left"></td></tr></table><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">Bank notes and commercial notes are means of payment from customers for the purchase of the Company's products and are issued by financial institutions or business entities, respectively, that entitle the Company to receive the full nominal amount from the issuers at maturity, which bear no interest and generally range from three to six months from the date of issuance. As of June 30, 2024, the Company pledged notes receivable for an aggregate amount of \$20.52 million to Bank of Hangzhou as a means of security for issuance of bank acceptance notes in an aggregate amount of \$17.42 million. As of December 31, 2023, the Company pledged notes receivable for an aggregate amount of \$21.85 million to Bank of Hangzhou as a means of security for issuance of bank acceptance notes in an aggregate amount of \$19.35 million. The Company expects to collect notes receivable within 6 months after the issuance date of bank acceptance notes.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">Due to the short term, high-quality credit rating of these commercial banks and no losses have occurred in history, for the six months ended June 30, 2024 and 2023, the Company had no allowance for expected credit losses for notes receivable.</p><table cellpadding="0" cellspacing="0" style="border-collapse: collapse; width: 100%; font: 10pt Times New Roman, Times, Serif"><tr style="vertical-align: bottom"><td style="text-align: center"></td><td style="font-weight: bold; padding-bottom: 1.5pt"></td><td colspan="6" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">As of</td><td style="padding-bottom: 1.5pt; font-weight: bold"></td></tr><tr style="vertical-align: bottom"><td style="text-align: center"></td><td style="font-weight: bold; padding-bottom: 1.5pt"></td><td colspan="2" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">June 30,
2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"></td><td style="font-weight: bold; padding-bottom: 1.5pt"></td><td colspan="2" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">December 31,
2023</td><td style="padding-bottom: 1.5pt; font-weight: bold"></td></tr><tr style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="width: 76%; text-align: justify">Bank notes receivable:</td><td style="width: 1%"></td><td style="width: 1%; text-align: left">\$(<td style="width: 9%; text-align: right">28,844,085</td><td style="width: 1%; text-align: left"></td><td style="width: 1%; text-align: left">\$(<td style="width: 9%; text-align: right">27,135,249</td><td style="width: 1%; text-align: left"></td></tr><tr style="vertical-align: bottom; "><td style="text-align: justify; padding-bottom: 1.5pt">Commercial notes receivable</td><td style="padding-bottom: 1.5pt"></td><td style="border-bottom: Black 1.5pt solid; text-align: left"></td><td style="border-bottom: Black 1.5pt solid; text-align: right">2,118,195</td><td style="padding-bottom: 1.5pt; text-align: left"></td><td style="padding-bottom: 1.5pt"></td><td style="border-bottom: Black 1.5pt solid; text-align: left"></td><td style="border-bottom: Black 1.5pt solid; text-align: right"></div style="sec-ix-hidden: hidden-fact-77"></div><td style="padding-bottom: 1.5pt; text-align: left"></td></tr><tr style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="font-weight: bold; text-align: justify; padding-bottom: 4pt">Total</td><td style="font-weight: bold; padding-bottom: 4pt"></td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: left">\$(<td style="border-bottom: Black 4pt double; font-weight: bold; text-align: right">30,962,280</td><td style="padding-bottom: 2.5pt; font-weight: bold; text-align: left"></td><td style="font-weight: bold; padding-bottom: 4pt"></td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: left">\$(<td style="border-bottom: Black 4pt double; font-weight: bold; text-align: right">27,135,249</td><td style="padding-bottom: 2.5pt; font-weight: bold; text-align: left"></td></tr></table>28844085 27135249 30962280 27135249 20520000 17420000 21850000 19350000 P6M<p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0">NOTE 8 - PROPERTY, PLANT AND EQUIPMENT AND CONSTRUCTION IN PROGRESS</p><p style="font: 8pt Times New Roman, Times, Serif; margin: 0pt 0"></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0">(a) As of June 30, 2024 and December 31, 2023, property, plant and equipment consisted of the following:<p><p style="font: 8pt Times New Roman, Times, Serif; margin: 0pt 0"></p><table cellpadding="0" cellspacing="0" style="border-collapse: collapse; width: 100%; font: 10pt Times New Roman, Times, Serif"><tr style="vertical-align: bottom"><td style="text-align: justify"></td><td style="font-weight: bold; padding-bottom: 1.5pt"></td><td colspan="6" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">As of</td><td style="padding-bottom: 1.5pt; font-weight: bold"></td></tr><tr style="vertical-align: bottom"><td style="text-align: justify"></td><td style="font-weight: bold; padding-bottom: 1.5pt"></td><td colspan="2" style="font-weight: bold; padding-bottom: 1.5pt"></td><td colspan="2" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">June 30,
2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"></td><td colspan="2" style="font-weight: bold; padding-bottom: 1.5pt"></td><td colspan="2" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">December 31,
2023</td><td style="padding-bottom: 1.5pt; font-weight: bold"></td></tr></tr><tr style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="width: 76%; text-align: justify">Buildings</td><td style="width: 1%"></td><td style="width: 1%; text-align: left">\$(&td style="width: 9%; text-align: right">11,181,430</td><td style="width: 1%; text-align: left"></td><td style="width: 1%; text-align: left">\$(&td style="width: 9%; text-align: right">11,444,906</td><td style="width: 1%; text-align: left"></td></tr><tr style="vertical-align: bottom; "><td style="text-align: justify">Machinery</td><td></td><td style="text-align: left"></td><td style="text-align: right">21,824,680</td><td style="text-align: left"></td><td></td><td style="text-align: right">20,974,546</td><td style="text-align: left"></td></tr><tr style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="text-align: justify">Motor vehicles</td><td></td><td style="text-align: left"></td><td style="text-align: right">328,934</td><td style="text-align: left"></td><td></td><td style="text-align: right">336,541</td><td style="text-align: left"></td></tr><tr style="vertical-align: bottom; "><td style="padding-bottom: 1.5pt"></td><td style="border-bottom: Black 1.5pt solid; text-align: left"></td><td style="border-bottom: Black 1.5pt solid; text-align: right">218,086</td><td style="padding-bottom: 1.5pt; text-align: left"></td><td style="padding-bottom: 1.5pt"></td><td style="border-bottom: Black 1.5pt solid; text-align: left"></td><td style="border-bottom: Black 1.5pt solid; text-align: right">246,207</td><td style="padding-bottom: 1.5pt; text-align: left"></td></tr><tr style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="text-align: justify">Total property plant and equipment, at cost</td><td style="font-weight: bold"></td><td style="font-weight: bold; text-align: left"></td><td style="font-weight: bold; text-align: right">33,553,130</td><td style="font-weight: bold; text-align: left"></td><td style="font-weight: bold; text-align: left"></td><td style="font-weight: bold; text-align: right">33,002,200</td><td style="font-weight: bold; text-align: left"></td></tr><tr style="vertical-align: bottom; "><td style="text-align: justify"></td><td style="text-align: left"></td><td style="text-align: right"></td><td style="text-align: left"></td><td style="text-align: right"></td><td style="text-align: left"></td><td style="text-align: right"></td><td style="text-align: left"></td></tr><tr style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="text-align: justify; padding-bottom: 1.5pt">Less: accumulated depreciation</td><td style="padding-bottom: 1.5pt"></td><td style="border-bottom: Black 1.5pt solid; text-align: left"></td><td style="border-bottom: Black 1.5pt solid; text-align: right">(19,844,051</td><td style="padding-bottom: 1.5pt; text-align: left"></td><td style="padding-bottom: 1.5pt"></td><td style="border-bottom: Black 1.5pt solid; text-align: left"></td><td style="padding-bottom: 1.5pt; text-align: left"></td><td style="border-bottom: Black 1.5pt solid; text-align: right">(19,325,844</td><td style="padding-bottom: 1.5pt; text-align: left"></td></tr><tr style="vertical-align: bottom; "><td style="text-align: justify">Property, plant and equipment, net</td><td style="font-weight: bold"></td><td style="font-weight: bold; text-align: left"></td><td style="font-weight: bold; text-align: right">13,709,079</td><td style="font-weight: bold; text-align: left"></td><td style="font-weight: bold; text-align: left"></td><td style="font-weight: bold; text-align: right">13,676,356</td><td style="font-weight: bold; text-align: left"></td></tr></tr></table><tr style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="text-align: justify;

padding-bottom: 1.5pt; Construction in process

	5,912
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Total

	13,714,991
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As of June 30, 2024 and December 31, 2023, depreciation expense amounted to \$1.00 million and \$1.07 million, respectively, of which \$0.61 million and \$0.60 million, respectively, was included in cost of revenue and inventories, and the remainder was included in general and administrative expense and research and development expenses, respectively.

For the six months ended June 30, 2024 and 2023, \$0.40 million and sec-ix-hidden: hidden-fact-78">nil of construction-in-progress was converted into fixed assets.

Restricted assets consist of the following:

	June 30, 2024	December 31, 2023
Buildings, net	1,914,212	1,144,906
Machinery	21,824,680	20,974,546
Motor vehicles	338,934	336,541
Electronic equipment	218,086	246,207
Total property plant and equipment, at cost	22,641,130	22,486,074
Less: accumulated depreciation	(19,844,051)	(19,325,844)
Property, plant and equipment, net	\$2,796,979	\$3,160,230

Construction in process

	5,912
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21824680 20974546 328934 336541 218086 246207 33553130 33002200 19844051 19325844 13709079 13676356 5912 22641
13714991 13698997 1000000 1070000.00 610000 600000 400000 Restricted assets consist of the following:

As of June 30, 2024	December 31, 2023
Buildings, net	2,024,994
Land use rights, cost	4,233,626
Land use rights, net	3,326,779
Amortization expense	85,285
Less: Accumulated amortization	2028
Total	2,900,354
Land use rights consisted of the following:	
Land use rights, net	3,326,779
Less: Accumulated amortization	2,900,354
Total	423,425

NOTE 9 - LAND USE RIGHTS, NET

Land use rights consisted of the following:

Land use rights, cost	4,233,626
Land use rights, net	3,326,779
Amortization expense	85,285
Less: Accumulated amortization	2028
Total	2,900,354
Land use rights consisted of the following:	
Land use rights, net	3,326,779
Less: Accumulated amortization	2,900,354
Total	423,425

bold; text-align: left; padding-bottom: 4pt">Land use rights, net</td><td style="font-weight: bold; padding-bottom: 4pt"></td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: left">\$(td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: right">3,326,779</td><td style="padding-bottom: 2.5pt; font-weight: bold; text-align: left"></td><td style="font-weight: bold; padding-bottom: 4pt"></td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: left">\$(td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: right">3,448,505</td><td style="padding-bottom: 2.5pt; font-weight: bold; text-align: left"></td></tr></table> 4233626 4333386 906847 884881 3326779 3448505 1100000

1140000 Estimated future amortization expense is as follows as of June 30, 2024:<table cellpadding="0" cellspacing="0" style="border-collapse: collapse; width: 100%; font: 10pt Times New Roman, Times, Serif"><tr style="vertical-align: bottom"><td style="text-align: left; font-weight: bold; border-bottom: Black 1.5pt solid">Years ending June 30,</td><td style="font-weight: bold; padding-bottom: 1.5pt"></td><td colspan="2" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">Amortization
expense</td><td style="padding-bottom: 1.5pt; font-weight: bold"></td></tr><tr style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="width: 88%; text-align: left">2025</td><td style="width: 1%"></td><td style="width: 1%; text-align: left">\$(td><td style="width: 9%; text-align: right">85,285</td><td style="width: 1%; text-align: left"></td></tr><tr style="vertical-align: bottom;"><td style="text-align: left">2026</td><td></td><td style="text-align: left"></td><td style="text-align: right">85,285</td><td style="text-align: left"></td></tr><tr style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="text-align: left">2027</td><td></td><td style="text-align: left"></td><td style="text-align: right">85,285</td><td style="text-align: left"></td></tr><tr style="vertical-align: bottom;"><td style="text-align: left">2028</td><td></td><td style="text-align: left"></td><td style="text-align: right">85,285</td><td style="text-align: left"></td></tr><tr style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="text-align: left">2029</td><td></td><td style="text-align: left"></td><td style="text-align: right">85,285</td><td style="text-align: left"></td></tr><tr style="vertical-align: bottom; background-color: rgb(204,238,255)"><td colspan="5">Thereafter</td><td style="padding-bottom: 1.5pt"></td><td style="border-bottom: Black 1.5pt solid; text-align: left"></td><td style="border-bottom: Black 1.5pt solid; text-align: right">2,900,354</td><td style="padding-bottom: 1.5pt; text-align: left"></td></tr><tr style="vertical-align: bottom; background-color: rgb(204,238,255)"><td colspan="5"></td><td style="text-align: left; font-weight: bold; padding-bottom: 4pt">Total</td><td style="font-weight: bold; padding-bottom: 4pt"></td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: left">\$(td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: right">3,326,779</td><td style="padding-bottom: 2.5pt; font-weight: bold; text-align: left"></td></tr></table> 85285 85285 85285 85285 85285 2900354 3326779

<p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">NOTE 10-FIXED DEPOSIT</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">As of June 30, 2024 and December 31, 2023, fixed deposit consisted of the following:</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"></p><table cellpadding="0" cellspacing="0" style="border-collapse: collapse; width: 100%; font: 10pt Times New Roman, Times, Serif"><tr style="vertical-align: bottom"><td style="text-align: right"></td><td style="font-weight: bold; padding-bottom: 1.5pt"></td><td colspan="6" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">As of</td><td style="padding-bottom: 1.5pt; font-weight: bold"></td></tr><tr style="vertical-align: bottom;"><td style="text-align: right"></td><td style="font-weight: bold; padding-bottom: 1.5pt"></td><td colspan="6" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">June 30,
2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"></td><td colspan="6" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">December 31,
2023</td><td style="padding-bottom: 1.5pt; font-weight: bold"></td></tr><tr style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="width: 76%; text-align: justify; padding-bottom: 1.5pt">Three-year bank deposit</td><td style="width: 1%; padding-bottom: 1.5pt"></td><td style="width: 1%; border-bottom: Black 1.5pt solid; text-align: left">\$(td><td style="width: 9%; border-bottom: Black 1.5pt solid; text-align: right">4,342,574</td><td style="width: 1%; padding-bottom: 1.5pt; text-align: left"></td><td style="width: 1%; padding-bottom: 1.5pt"></td><td style="width: 1%; border-bottom: Black 1.5pt solid; text-align: left">\$(td><td style="width: 9%; border-bottom: Black 1.5pt solid; text-align: right">9,916,308</td><td style="width: 1%; padding-bottom: 1.5pt; text-align: left"></td></tr><tr style="vertical-align: bottom;"><td style="vertical-align: bottom;"></td><td style="font-weight: bold; padding-bottom: 4pt">Total</td><td style="font-weight: bold; padding-bottom: 4pt"></td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: left">\$(td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: right">4,342,574</td><td style="padding-bottom: 2.5pt; font-weight: bold; text-align: left"></td><td style="font-weight: bold; padding-bottom: 4pt"></td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: left">\$(td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: right">9,916,308</td><td style="padding-bottom: 2.5pt; font-weight: bold; text-align: left"></td></tr></table> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0">All fixed deposit were deposited in local banks in the PRC and the deposit term is three years. Fixed deposits will expire in 2026.</p><p>As of June 30, 2024 and December 31, 2023, fixed deposit consisted of the following:<table cellpadding="0" cellspacing="0" style="border-collapse: collapse; width: 100%; font: 10pt Times New Roman, Times, Serif"><tr style="vertical-align: bottom;"><td style="text-align: right"></td><td style="font-weight: bold; padding-bottom: 1.5pt"></td><td colspan="6" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">As of</td><td style="padding-bottom: 1.5pt; font-weight: bold"></td></tr><tr style="vertical-align: bottom;"><td style="text-align: right"></td><td style="font-weight: bold; padding-bottom: 1.5pt"></td><td colspan="6" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">June 30,
2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"></td><td colspan="6" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">December 31,
2023</td><td style="padding-bottom: 1.5pt; font-weight: bold"></td></tr><tr style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="width: 76%; text-align: justify; padding-bottom: 1.5pt">Three-year bank deposit</td><td style="width: 1%; padding-bottom: 1.5pt"></td><td style="width: 1%; border-bottom: Black 1.5pt solid; text-align: left">\$(td><td style="width: 9%; border-bottom: Black 1.5pt solid; text-align: right">4,342,574</td><td style="width: 1%; padding-bottom: 1.5pt; text-align: left"></td><td style="width: 1%; padding-bottom: 1.5pt"></td><td style="width: 1%; border-bottom: Black 1.5pt solid; text-align: left">\$(td><td style="width: 9%; border-bottom: Black 1.5pt solid; text-align: right">9,916,308</td><td style="width: 1%; padding-bottom: 1.5pt; text-align: left"></td></tr><tr style="vertical-align: bottom;"><td style="vertical-align: bottom;"></td><td style="font-weight: bold; padding-bottom: 4pt">Total</td><td style="font-weight: bold; padding-bottom: 4pt"></td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: left">\$(td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: right">4,342,574</td><td style="padding-bottom: 2.5pt; font-weight: bold; text-align: left"></td><td style="font-weight: bold; padding-bottom: 4pt"></td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: left">\$(td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: right">9,916,308</td><td style="padding-bottom: 2.5pt; font-weight: bold; text-align: left"></td></tr></table> 4342574 9916308 4342574 9916308

P3Y Fixed deposits will expire in 2026. <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0">NOTE 11 - NOTES PAYABLE-BANK ACCEPTANCE NOTES</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"></p><

31,407,248

As of June 30, 2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	1960	1959	1958	1957	1956	1955	1954	1953	1952	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939	1938	1937	1936	1935	1934	1933	1932	1931	1930	1929	1928	1927	1926	1925	1924	1923	1922	1921	1920	1919	1918	1917	1916	1915	1914	1913	1912	1911	1910	1909	1908	1907	1906	1905	1904	1903	1902	1901	1900	1899	1898	1897	1896	1895	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881	1880	1879	1878	1877	1876	1875	1874	1873	1872	1871	1870	1869	1868	1867	1866	1865	1864	1863	1862	1861	1860	1859	1858	1857	1856	1855	1854	1853	1852	1851	1850	1849	1848	1847	1846	1845	1844	1843	1842	1841	1840	1839	1838	1837	1836	1835	1834	1833	1832	1831	1830	1829	1828	1827	1826	1825	1824	1823	1822	1821	1820	1819	1818	1817	1816	1815	1814	1813	1812	1811	1810	1809	1808	1807	1806	1805	1804	1803	1802	1801	1800	1799	1798	1797	1796	1795	1794	1793	1792	1791	1790	1789	1788	1787	1786	1785	1784	1783	1782	1781	1780	1779	1778	1777	1776	1775	1774	1773	1772	1771	1770	1769	1768	1767	1766	1765	1764	1763	1762	1761	1760	1759	1758	1757	1756	1755	1754	1753	1752	1751	1750	1749	1748	1747	1746	1745	1744	1743	1742	1741	1740	1739	1738	1737	1736	1735	1734	1733	1732	1731	1730	1729	1728	1727	1726	1725	1724	1723	1722	1721	1720	1719	1718	1717	1716	1715	1714	1713	1712	1711	1710	1709	1708	1707	1706	1705	1704	1703	1702	1701	1700	1699	1698	1697	1696	1695	1694	1693	1692	1691	1690	1689	1688	1687	1686	1685	1684	1683	1682	1681	1680	1679	1678	1677	1676	1675	1674	1673	1672	1671	1670	1669	1668	1667	1666	1665	1664	1663	1662	1661	1660	1659	1658	1657	1656	1655	1654	1653	1652	1651	1650	1649	1648	1647	1646	1645	1644	1643	1642	1641	1640	1639	1638	1637	1636	1635	1634	1633	1632	1631	1630	1629	1628	1627	1626	1625	1624	1623	1622	1621</
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padding-bottom: 1.5pt;" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">June 30, 2024</td><td style="padding-bottom: 1.5pt; font-weight: bold;"></td><td style="font-weight: bold; padding-bottom: 1.5pt;"></td><td colspan="2" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">December 31, 2023</td><td style="padding-bottom: 1.5pt; font-weight: bold;"></td></tr><tr style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="width: 76%; text-align: left">Collateralized bank loans</td><td style="width: 1%"></td><td style="width: 1%; text-align: left">\$</td><td style="width: 9%; text-align: right"><div style="sec-ix-hidden: hidden-fact-79"></div></td><td style="width: 1%; text-align: left"></td><td style="width: 1%"></td><td style="width: 1%; text-align: left">\$</td><td style="width: 9%; text-align: right">2,760,602</td><td style="width: 1%; text-align: left"></td></tr><tr style="vertical-align: bottom;"><td style="text-align: left; padding-bottom: 1.5pt">Unsecured bank loans</td><td style="padding-bottom: 1.5pt"></td><td style="border-bottom: Black 1.5pt solid; text-align: left"></td><td style="border-bottom: Black 1.5pt solid; text-align: right"><div style="sec-ix-hidden: hidden-fact-80"></div></td><td style="padding-bottom: 1.5pt; text-align: left"></td><td style="padding-bottom: 1.5pt"></td><td style="border-bottom: Black 1.5pt solid; text-align: left"></td><td style="border-bottom: Black 1.5pt solid; text-align: right">281,694</td><td style="padding-bottom: 1.5pt; text-align: left"></td></tr><tr style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="font-weight: bold; padding-bottom: 4pt">Total</td><td style="font-weight: bold; padding-bottom: 4pt"></td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: left">\$</td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: right"><div style="sec-ix-hidden: hidden-fact-81"></div></td><td style="padding-bottom: 2.5pt; font-weight: bold; text-align: left"></td><td style="padding-bottom: 4pt"></td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: left">\$</td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: right">3,042,296</td><td style="padding-bottom: 2.5pt; font-weight: bold; text-align: left"></td></tr></table><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0">Short-term loans as of December 31, 2023 are as follow:<p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><table cellpadding="0" cellspacing="0" style="border-collapse: collapse; width: 100%; font: 10pt Times New Roman, Times, Serif"><tr style="vertical-align: bottom"><td style="font-weight: bold; text-align: justify; border-bottom: Black 1.5pt solid">Maturity Date</td><td style="font-weight: bold; padding-bottom: 1.5pt"></td><td style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">Type</td><td style="font-weight: bold; padding-bottom: 1.5pt"></td><td style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">Bank Name</td><td style="font-weight: bold; padding-bottom: 1.5pt"></td><td colspan="2" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">Interest
 Rate per
 Annum (%)</td><td style="padding-bottom: 1.5pt; font-weight: bold;"></td><td style="font-weight: bold; padding-bottom: 1.5pt"></td><td colspan="2" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">December 31,
 2023</td><td style="padding-bottom: 1.5pt; font-weight: bold;"></td></tr><tr style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="width: 15%; text-align: justify">July 22, 2024</td><td style="width: 1%"></td><td style="width: 22%; text-align: justify">Operating Loans</td><td style="width: 1%"></td><td style="width: 37%; text-align: justify">Bank of Zheshang</td><td style="width: 1%"></td><td style="width: 1%; text-align: left"></td><td style="width: 9%; text-align: right">3.60</td><td style="width: 1%; text-align: left"></td><td style="width: 1%"></td><td style="width: 1%; text-align: left">\$</td><td style="width: 9%; text-align: right">1,352,132</td><td style="width: 1%; text-align: left"></td></tr><tr style="vertical-align: bottom;"><td style="text-align: justify">July 25, 2024</td><td></td><td style="text-align: justify">Operating Loans</td><td></td><td style="text-align: justify">Bank of Hangzhou</td><td></td><td style="text-align: left"></td><td style="text-align: right">3.55</td><td style="text-align: left"></td><td></td><td style="text-align: left"></td><td style="text-align: right">1,408,470</td><td style="text-align: left"></td></tr><tr style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="text-align: justify; padding-bottom: 1.5pt">February 22, 2024</td><td style="padding-bottom: 1.5pt"></td><td style="text-align: justify; padding-bottom: 1.5pt">Operating Loans</td><td style="padding-bottom: 1.5pt"></td><td style="text-align: justify; padding-bottom: 1.5pt">Industrial and Commercial Bank of Xinchang</td><td style="padding-bottom: 1.5pt"></td><td style="padding-bottom: 1.5pt; text-align: left"></td><td style="padding-bottom: 1.5pt; text-align: right">3.45</td><td style="padding-bottom: 1.5pt; text-align: left"></td><td style="padding-bottom: 1.5pt"></td><td style="border-bottom: Black 1.5pt solid; text-align: left">\$</td><td style="border-bottom: Black 1.5pt solid; text-align: right">281,694</td><td style="padding-bottom: 1.5pt; text-align: left"></td></tr><tr style="vertical-align: bottom;"><td style="text-align: justify; padding-bottom: 4pt">Total</td><td style="padding-bottom: 4pt"></td><td style="text-align: justify; padding-bottom: 4pt"></td><td style="padding-bottom: 4pt"></td><td style="text-align: justify; padding-bottom: 4pt"></td><td style="padding-bottom: 4pt"></td><td style="text-align: justify; padding-bottom: 4pt"></td><td style="padding-bottom: 4pt"></td><td style="text-align: justify; padding-bottom: 4pt"></td><td style="padding-bottom: 4pt"></td><td style="border-bottom: Black 4pt double; text-align: left">\$</td><td style="border-bottom: Black 4pt double; text-align: right">3,042,296</td><td style="padding-bottom: 4pt; text-align: left"></td></tr></table><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">All short-term bank loans were obtained from local banks in the PRC and are repayable within one year.<p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">On June 27, 2022, Zhejiang Zhongchai signed a Maximum Amount Pledge Contract with Bank of Communications Co. LTD., pledging its land use rights and property ownership as security, for a loan facility with a maximum principal amount of US\$8.28 million (RMB60.01 million) during the period from June 27, 2022 to June 26, 2027.<p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">The average annual interest rate of the short-term bank loans was 3.122% and 3.805% for the six months ended June 30, 2024 and 2023, respectively. The Company was in compliance with its loan financial covenants as of June 30, 2024 and December 31, 2023, respectively. <p>Short-term loans are summarized as follow:<table cellpadding="0" cellspacing="0" style="border-collapse: collapse; width: 100%; font: 10pt Times New Roman, Times, Serif"><tr style="vertical-align: bottom"><td style="text-align: center"></td><td style="font-weight: bold; padding-bottom: 1.5pt"></td><td colspan="6" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">As of</td><td style="padding-bottom: 1.5pt; font-weight: bold;"></td><td></td><tr style="vertical-align: bottom;"><td style="text-align: center"></td><td style="font-weight: bold; padding-bottom: 1.5pt"></td><td colspan="2" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">June 30,
 2024</td><td style="padding-bottom: 1.5pt; font-weight: bold;"></td><td style="font-weight: bold; padding-bottom: 1.5pt"></td><td colspan="2" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">December 31,
 2023</td><td style="padding-bottom: 1.5pt; font-weight: bold;"></td></tr><tr style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="font-weight: bold; padding-bottom: 4pt">Total</td><td style="font-weight: bold; padding-bottom: 4pt"></td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: left">\$</td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: right"><div style="sec-ix-hidden: hidden-fact-81"></div></td><td style="padding-bottom: 2.5pt; font-weight: bold; text-align: left"></td><td style="padding-bottom: 4pt"></td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: left">\$</td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: right">3,042,296</td><td style="padding-bottom: 2.5pt; font-weight: bold; text-align: left"></td></tr></table><p style="font: 10pt Times New Roman, Times, Serif; margin:

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 1.5pt" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">Interest | | Rate per Annum (%) | || 2023 | | 2024 | |
| July 22, 2024 | | July 25, 2024 | |
| Operating Loans | | Bank of Zhesang | |
| 3.60 | | 1.352,132 | |
| 1% | | 1% | |
| 9% | | 1% | |
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| Operating Loans | | Bank of Hangzhou | |
| 3.55 | | 3.45 | |
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| Operating Loans | | Bank of Hangzhou | |
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| 1,408,47 | |

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collapse; collapse; width: 100%; font: 10pt Times New Roman, Times, Serif"><tr style="vertical-align: bottom"><td style="text-align: center"></td><td style="font-weight: bold; padding-bottom: 1.5pt"></td><td colspan="6" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">As of</td><td style="padding-bottom: 1.5pt; font-weight: bold"></td></tr><tr style="vertical-align: bottom"><td style="text-align: center"></td><td style="font-weight: bold; padding-bottom: 1.5pt"></td><td colspan="2" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">June 30,
 2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"></td><td colspan="2" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">December 31,
 2023</td><td style="padding-bottom: 1.5pt; font-weight: bold"></td></tr><tr style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="width: 76%; padding-bottom: 1.5pt">Subsidy</td><td style="width: 1%; padding-bottom: 1.5pt"></td><td style="width: 1%; border-bottom: Black 1.5pt solid; text-align: left"></td><td style="width: 9%; border-bottom: Black 1.5pt solid; text-align: right">1,381,686</td><td style="width: 1%; padding-bottom: 1.5pt; text-align: left"></td><td style="width: 1%; padding-bottom: 1.5pt"></td><td style="width: 1%; border-bottom: Black 1.5pt solid; text-align: left"></td><td style="width: 9%; border-bottom: Black 1.5pt solid; text-align: right">1,529,831</td><td style="width: 1%; padding-bottom: 1.5pt; text-align: left"></td></tr><tr style="vertical-align: bottom; "><td style="font-weight: bold; padding-bottom: 4pt">Total</td><td style="font-weight: bold; padding-bottom: 4pt"></td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: left">\$</td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: right">1,381,686</td><td style="padding-bottom: 2.5pt; font-weight: bold; text-align: left"></td><td style="font-weight: bold; padding-bottom: 4pt"></td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: left">\$</td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: right">1,529,831</td><td style="padding-bottom: 2.5pt; font-weight: bold; text-align: left"></td></tr></table><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">Subsidy mainly consists of an incentive granted by the Chinese government to encourage transformation of fixed assets in China and other miscellaneous subsidy from the Chinese government. As of June 30, 2024, grant income decreased by \$0.15 million, as compared to December 31, 2023. The change was mainly due to timing of incurring qualifying expenses.</p><table cellpadding="0" cellspacing="0" style="border-collapse: collapse; width: 100%; font: 10pt Times New Roman, Times, Serif"><tr style="vertical-align: bottom"><td style="text-align: center"></td><td style="font-weight: bold; padding-bottom: 1.5pt"></td><td colspan="6" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">As of</td><td style="padding-bottom: 1.5pt; font-weight: bold"></td></tr><tr style="vertical-align: bottom"><td style="text-align: center"></td><td style="font-weight: bold; padding-bottom: 1.5pt"></td><td colspan="2" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">June 30,
 2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"></td><td colspan="2" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">December 31,
 2023</td><td style="padding-bottom: 1.5pt; font-weight: bold"></td><tr><td style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="width: 76%; padding-bottom: 1.5pt">Subsidy</td><td style="width: 1%; padding-bottom: 1.5pt"></td><td style="width: 1%; padding-bottom: 1.5pt; text-align: left"></td><td style="width: 9%; border-bottom: Black 1.5pt solid; text-align: right">1,381,686</td><td style="width: 1%; padding-bottom: 1.5pt; text-align: left"></td><td style="width: 1%; padding-bottom: 1.5pt; text-align: left"></td><td style="width: 9%; border-bottom: Black 1.5pt solid; text-align: right">1,529,831</td><td style="width: 1%; padding-bottom: 1.5pt; text-align: left"></td></tr><tr style="vertical-align: bottom; "><td style="font-weight: bold; padding-bottom: 4pt">Total</td><td style="font-weight: bold; padding-bottom: 4pt"></td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: left">\$</td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: right">1,381,686</td><td style="padding-bottom: 2.5pt; font-weight: bold; text-align: left"></td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: left">\$</td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: right">1,529,831</td><td style="padding-bottom: 2.5pt; font-weight: bold; text-align: left"></td></tr></table> 1381686 1529831 1381686 1529831 150000<p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">NOTE 16 - LEASES</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">The Company leases its corporate offices and assembly site under operating leases, with initial terms of 5.58 years, respectively. Usually within four months prior to the expiration date of a lease, the Company is required to notify the lessor and has a priority to continue renting the lease property if a lessor intends to lease property. The lease itself does not have restrictions or covenants. Any damage, if made by the lessee, to the property and equipment within the property has to be fixed or reimbursed by the lessee.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">Supplemental balance sheet information related to leases as of June 30, 2024 and December 31, 2023 is as follows:</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: center"><p><table cellpadding="0" cellspacing="0" style="border-collapse: collapse; width: 100%; font: 10pt Times New Roman, Times, Serif"><tr style="vertical-align: bottom"><td></td><td></td><td style="font-weight: bold; padding-bottom: 1.5pt"></td><td colspan="6" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">As of</td><td style="padding-bottom: 1.5pt; font-weight: bold"></td></tr><tr style="vertical-align: bottom"><td style="font-weight: bold; padding-bottom: 1.5pt"></td><td colspan="2" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">June 30,
 2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"></td><td colspan="2" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">December 31,
 2023</td><td style="padding-bottom: 1.5pt; font-weight: bold"></td><tr><td style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="width: 76%; text-align: left; padding-left: 9pt">Right-of-use assets</td><td style="width: 1%; text-align: left">\$</td><td style="width: 9%; text-align: right">1,871,826</td><td style="width: 1%; text-align: left"></td><td style="width: 1%; text-align: left">\$</td><td style="width: 9%; text-align: right">2,125,542</td><td style="width: 1%; text-align: left"></td></tr><tr style="vertical-align: bottom; "><td style="font-weight: bold; padding-bottom: 1.5pt">Liabilities:</td><td></td><td style="text-align: left"></td><td style="text-align: right"></td><td style="text-align: left"></td><td style="text-align: right"></td><tr><td style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="text-align: left; padding-left: 9pt">Lease liabilities</td><td></td><td style="text-align: left">\$</td><td style="text-align: right">487,695</td><td style="text-align: left"></td><tr><td style="vertical-align: bottom; "><td style="text-align: left; padding-left: 9pt">Lease liabilities</td><td style="padding-bottom: 1.5pt"></td><td style="border-bottom: Black 1.5pt solid; text-align: left"></td><td style="border-bottom: Black 1.5pt solid; text-align: right">1,432,987</td><td style="padding-bottom: 1.5pt; text-align: left"></td><td style="padding-bottom: 1.5pt"></td><td style="border-bottom: Black 1.5pt solid; text-align: left"></td><td style="border-bottom: Black 1.5pt solid; text-align: right">1,684,614</td><td style="padding-bottom: 1.5pt; text-align: left"></td><tr><td style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="font-weight: bold; text-align: left; padding-bottom: 4pt">Total operating lease liabilities</td><td style="font-weight: bold; padding-bottom: 4pt"></td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: left">\$</td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: right">1,928,680</td><td style="padding-bottom: 2.5pt; font-weight: bold; text-align: left"></td><td style="padding-bottom: 2.5pt; font-weight: bold; text-align: left"></td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: left">\$</td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: right">2,172,309</td><td style="padding-bottom: 2.5pt; font-weight: bold; text-align: left"></td></tr><tr style="vertical-align: bottom; "><td style="font-weight: bold; text-align: left">Lease term and discount rate</td><td></td><td style="text-align: left"></td><td style="text-align: right"></td><tr><td style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="text-align: left; padding-left: 9pt">Weighted average remaining lease term (in years)</td><td></td><td style="text-align: left"></td><td style="text-align: right">3.42</td><td style="text-align: left"></td><tr><td style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="text-align: left; padding-left: 9pt">Weighted average discount rate</td><td></td><td style="text-align: left"></td><td style="text-align: right">4.27</td><td style="text-align: left"></td><tr><td style="vertical-align: bottom; background-color: rgb(204,238,255)"><td style="text-align: left; padding-left: 9pt">Weighted average discount rate</td><td></td><td style="text-align: left"></td><td style="text-align: right">4.5</td><td style="text-align: left"></td></tr></table><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0;

The following summarizes the components of operating lease expense and provides supplemental cash flow information for operating leases:					
For the six months ended June 30, 2024 and 2023:					
Operating lease expense		308,146		308,407	
Total lease expense					
Components of lease expense:					
Operating lease expense		308,146		308,407	
Leases					
Imputed interest		(180,730)		(180,730)	
Present value of lease liabilities		1,928,680		1,928,680	
Supplemental balance sheet information related to leases as of June 30, 2024 and December 31, 2023 is as follows:					
As of June 30, 2024		December 31, 2023		December 31, 2022	
Assets		2,125,542		2,172,309	
Right-of-use assets		1,871,826		1,928,680	
Total operating lease liabilities		1,432,987		1,432,987	
Lease liabilities		1,432,987		1,432,987	
Lease term and discount rate		4.27%		4.27%	
Weighted average remaining lease term (in years)		2.09		2.09	
Weighted average discount rate		4.27%		4.27%	

weight: bold; text-align: center; border-bottom: Black 1.5pt solid">For the six months ended June 30, 2024

Operating lease expense	308,146	308,407
Total lease expense	308,146	308,407

The following table summarizes the maturity of lease liabilities under operating leases as of June 30, 2024:

Period	Operating lease liabilities
2025	580,899
2026	597,688
2027	615,067
2028	615,067
Total	2,491,410

Less: imputed interest

Present value of lease liabilities

1,928,680

NOTE 17 - WARRANT LIABILITIES

The Company accounts for warrants as either equity-classified or liability-classified instruments based on an assessment of the warrant's specific terms and applicable authoritative guidance in FASBASC 480, *Distinguishing Liabilities from Equity* ("ASC 480") and ASC 815. The assessment considers whether the warrants are freestanding financial instruments pursuant to ASC 480, meet the definition of a liability pursuant to ASC 480, and whether the warrants meet all of the requirements for equity classification under ASC 815, including whether the warrants are indexed to the Company's own ordinary shares and whether the warrant holders could potentially require "net cash settlement" in a circumstance outside of the Company's control, among other conditions for equity classification. This assessment, which requires the use of professional judgment, is conducted at the time of warrant issuance and as of each subsequent quarterly period end date while the warrants are outstanding.

For issued or modified warrants that meet all of the criteria for equity classification, the warrants are required to be recorded as a component of additional paid-in capital at the time of issuance. For issued or modified warrants that do not meet all the criteria for equity classification, the warrants are required to be recorded at their initial fair value on the date of issuance, and each balance sheet date thereafter. Changes in the estimated fair value of the warrants are recognized as a non-cash gain or loss on the statements of operations.

In connection with the registered direct offering closed on July 27, 2022, the Company issued to an investor a warrant to purchase up to 4,530,000 ordinary shares at an exercise price of \$4.49 per share. The warrant became exercisable on January 27, 2023 and will expire on January 26, 2028.

The warrants meet the definition of a derivative under FASB ASC 815, as the Company cannot avoid a net cash settlement under certain circumstances. The fair value of the warrant liabilities was measured using a Black-Scholes model. Significant inputs into the model as of the reporting period begin remeasurement dates, and as of the reporting period end remeasurement dates are as follows:

Input	Value
Share price	1.40
Exercise price	2.79
Expected term (years)	1.79
Risk-free interest rate	2.04
Expected volatility	90.00

[illegible]

The Public Warrants will expire five years from the consummation of a Business Combination or earlier upon redemption or liquidation.

The Company may call the warrants for redemption (excluding the Private Warrants (as defined below)), in whole and not in part, at a price of \$0.01 per warrant:

	●
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At any time while the Public Warrants are exercisable,

	●
--	---

Upon not less than 30 days' prior written notice of redemption to each Public Warrant holder,

	●
--	---

If, and only if, the reported last sale price of the ordinary shares equals or exceeds \$16.50 per share, for any 20 trading days within a 30 trading day period ending on the third trading day prior to the notice of redemption to Public Warrant holders, and

	●
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If, and only if, there is a current registration statement in effect with respect to the ordinary shares underlying such warrants at the time of redemption and for the entire 30-day trading period referred to above and continuing each day thereafter until the date of redemption.

If the Company calls the Public Warrants for redemption, management will have the option to require all holders that wish to exercise the Public Warrants to do so on a "cashless basis," as described in the warrant agreement. The exercise price and number of ordinary shares issuable upon exercise of the warrants may be adjusted in certain circumstances including in the event of a stock dividend, extraordinary dividend or recapitalization, reorganization, merger or consolidation. However, the warrants will not be adjusted for issuances of ordinary shares at a price below its exercise price. Additionally, in no event will the Company be required to net cash settle the warrants. Accordingly, the warrants may expire worthless.

Private warrants include (i) the 282,000 warrants underlying the units issued to Greenland Asset Management Corporation (the "Sponsor") and Chardan Capital Markets, LLC ("Chardan") in a private placement in connection with our initial public offering ("Private Unit Warrants"), and (ii) 120,000 warrants held by Chardan upon the exercise of its unit purchase option to purchase 120,000 units in March 2021 ("Option Warrants," together with Private Unit Warrants, the "Private Warrants"). The Private Warrants are identical to the Public Warrants underlying the units sold in the Initial Public Offering, except that the Private Warrants and the ordinary shares issuable upon the exercise of the Private Warrants are not transferable, assignable or saleable until 30 days after the completion of a Business Combination, subject to certain limited exceptions. Additionally, the Private Warrants are exercisable on a cashless basis and are non-redeemable so long as they are held by the initial purchasers or their permitted transferees. If the Private Warrants are held by someone other than the initial purchasers or their permitted transferees, the Private Warrants will be redeemable by the Company and exercisable by such holders on the same basis as the Public Warrants.

On July 25, 2022, the Company issued to an investor a warrant to purchase up to 4,530,000 ordinary shares at an exercise price of \$4.49 per share. The warrant became exercisable on January 27, 2023 and will expire on January 26, 2028.

As of June 30, 2024, there were a total of 4,705,312 Warrants outstanding, including 4,303,312 Public Warrants held by CEDE & CO, and 142,000 and 260,000 Private Warrants held by Chardan and the Sponsor, respectively.

Unit Purchase Option

On July 27, 2018, the Company sold to Chardan (and its designees), for \$100, an option to purchase up to 240,000 units exercisable at \$11.50 per unit (or an aggregate exercise price of \$2,760,000), commencing on the consummation of the Business Combination. The unit purchase option may be exercised for cash or on a cashless basis, at the holder's option, and expired on July 24, 2023. The units issuable upon exercise of the option are identical to those offered in the initial public offering. The Company accounted for the unit purchase option, inclusive of the receipt of \$100 cash payment, as an expense of the initial public offering resulting in a charge directly to shareholders' equity. The option and such units purchased pursuant to the option, as well as the ordinary shares underlying such units, the rights included in such units, the ordinary shares that are issuable for the rights included in such units, the warrants included in such units, and the shares underlying such warrants, have been deemed compensation by FINRA and are therefore subject to a 180-day lock-up pursuant to Rule 5110(g)(1) of FINRA's Nasdaq Conduct Rules. Additionally, the option may not be sold, transferred, assigned, pledged or hypothecated for a one-year period (including the foregoing 180-day period) following the date of initial public offering except to any underwriter and selected dealer participating in the initial public offering and their bona fide officers or partners. The option grants to holders demand and "piggy back" rights for periods of five and seven years, respectively, from the effective date of the registration statement with respect to the registration under the Securities Act of 1933, as amended, of the securities directly and indirectly issuable upon exercise of the option. The Company will bear all fees and expenses attendant to registering the securities, other than underwriting commissions which will be paid for by the holders themselves. The exercise price and number of units issuable upon exercise of the option may be adjusted in certain circumstances including in the event of a stock dividend, or the Company's recapitalization, reorganization, merger or consolidation. However, the option will not be adjusted for issuances of ordinary shares at a price below its exercise price. As of June 30, 2024, the unit purchase option had expired and no unit purchase option exercisable by Chardan is outstanding.

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NOTE 19 – EARNINGS PER SHARE

The Company reports earnings per share in accordance with the provisions of the FASB's related accounting standard. This standard requires presentation of basic and diluted earnings per share in conjunction with the disclosure of the methodology used in computing such earnings per share. Basic earnings per share excludes dilution, but includes vested restricted stocks and is computed by dividing income available to shareholders by the weighted average ordinary shares outstanding during the period. Diluted earnings per share takes into account the potential dilution that could occur if securities or other contracts to issue ordinary shares were exercised and converted into ordinary shares.

	For the three months ended June 30, 2024	For the six months ended June 30, 2024
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Net income attributable to the Greenland Technologies Holding Corporation and subsidiaries

2023	2024
4,650,910	2,399,138
7,153,113	3,846,113

Weighted average basic and diluted computation shares outstanding

2023	2024
13,594,530	12,978,504
13,594,530	13,594,530

Diluted effect of stock options and warrants

2023	2024
13,594,530	12,978,504
13,594,530	13,594,530

Basic and diluted net income per share

2023	2024
0.34	0.30
0.53	0.30

For the six months ended June 30, 2024 and 2023, 4,530,000 shares underlying outstanding warrants to an investor were excluded from the calculation of diluted loss per share as the warrants were anti-dilutive. The exercise price of the warrants is higher than the average price of ordinary shares during the periods, so the warrants is "out-of-the-money" and result in an anti-dilutive effect on earnings per share.

The following is a reconciliation of the basic and diluted earnings per share computation:

For the three months ended June 30,	For the six months ended June 30,
2024	2023
2024	2023

Net income attributable to the Greenland Technologies Holding Corporation and subsidiaries

2024	2023
4,650,910	2,399,138
7,153,113	3,846,113

Weighted average basic and diluted computation shares outstanding

2024	2023
13,594,530	12,978,504
13,594,530	13,594,530

Diluted effect of stock options and warrants

2024	2023
13,594,530	12,978,504
13,594,530	13,594,530

Weighted average shares used in diluted computation

	Basic	Diluted
Weighted average shares used in diluted computation	13,594,530	13,594,530
Basic and diluted net income per share	0.34	0.18

NOTE 20 - GEOGRAPHICAL SALES AND SEGMENTS

All of the Company's operations are considered by the chief operating decision maker to be aggregated in one reportable operating segment.

Information for the Company's sales by geographical area for the three and six months ended June 30, 2024 and 2023 are as follows:

	2024	2023
Domestic Sales	21,528,513	23,145,468
International Sales	44,052,573	45,718,809
Total	65,581,086	68,864,277

Information for the Company's sales by geographical area for the three and six months ended June 30, 2024 and 2023 are as follows:

	2024	2023
Domestic Sales	21,528,513	23,145,468
International Sales	44,052,573	45,718,809
Total	65,581,086	68,864,277

1,488,747

	Total	
444,119	23,017,260	23,569,449

21528513 23145468 44052573 45274690 1488747 423981 1688278 444119 23017260 23569449 45740851 45718809

10pt Times New Roman, Times, Serif; margin: 0pt 0 NOTE 21 – INCOME TAXES

10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify Income tax expense includes a provision for federal, state and foreign taxes based on the annual estimated effective tax rate applicable to the Company and its subsidiaries, adjusted for items which are considered discrete to the period.

10pt Times New Roman, Times, Serif; margin: 0pt 0 The effective tax rates on income before income taxes for the six months ended June 30, 2024 was 4.98%. The effective tax rate for the six months ended June 30, 2024 was lower than the PRC tax rate of 25.0% primarily due to the China Super R&D deduction.

10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify The effective tax rates on income before income taxes for the six months ended June 30, 2023 was 10.03%. The effective tax rate for the six months ended June 30, 2023 was lower than the PRC tax rate of 25.0% primarily due to the China Super R&D deduction.

10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify The Company has recorded -sec-ix-hidden: hidden-fact-98">nil unrecognized benefit as of June 30, 2024 and December 31, 2023, respectively. On the information currently available, the Company does not anticipate a significant increase or decrease to its unrecognized benefit within the next 12 months.

0.0498 0.25 0.1003 0.25

10pt Times New Roman, Times, Serif; margin: 0pt 0 NOTE 22 – COMMITMENTS AND CONTINGENCIES

10pt Times New Roman, Times, Serif; margin: 0pt 0 Guarantees and pledged collateral for bank loans to other parties:

10pt Times New Roman, Times, Serif; margin: 0pt 0 Pledged collateral for bank loans

10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify On June 27, 2022, Zhejiang Zhongchai signed a Maximum Amount Pledge Contract with Bank of Communications Co., LTD., pledging its land use rights and property ownership as security, for a loan facility with a maximum principal amount of US\$8.28 million (RMB60.01 million) during the period from June 27, 2022 to June 26, 2027. As of June 30, 2024 and December 31, 2023, the outstanding amount of the short-term bank loan under this pledge contract was -sec-ix-hidden: hidden-fact-99">nil.

10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify Facility Leases

10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify The Company has leased premises for its assembly site under non-cancellable operating leases since June 2022. See further discussion in NOTE 16 – LEASES.

10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify Rent expense is recognized on a straight-line basis over the terms of the operating leases accordingly and the Company records the difference between cash rent payments and the recognition of rent expense as a deferred rent liability.

10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify The following are the aggregate non-cancellable future minimum lease payments under operating and financing leases as of June 30, 2024:

	2025	
Operating	34,460	Leases
Financing	8280000 60010000.00	

The following are the aggregate non-cancellable future minimum lease payments under operating and financing leases as of June 30, 2024:

	2025	
Operating	34,460	Leases
Financing	34460 34460	

10pt Times New Roman, Times, Serif; margin: 0pt 0 NOTE 23 – RELATED PARTY TRANSACTIONS

10pt Times New Roman, Times, Serif; margin: 0pt 0 (a) Names and Relationship of Related Parties

Existing Relationship with the Company	
Cenntro Holding Limited	
Cenntro Smart Manufacturing Tech. Co., Ltd.	

Under common control of Peter

[illegible]

font-weight: bold; text-align: left"></td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: right">225,927</td></tr><tr><td colspan="2"></td></tr></table><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">The balance of due from related parties as of June 30, 2024 and December 31, 2023 consisted of:</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">Other receivable from Zhuhai Hengzhong Industrial Investment Fund (Limited Partnership) was \$0.23 million and \$0.23 million as of June 30, 2024 and December 31, 2023, respectively. It's a loan with annual interest rate of 4.785%.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">(c) Summary of Related Party dividend payment:</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">A summary of dividend payment declared by Zhejiang Zhongchai to related parties for the six months ended June 30, 2024 and 2023 are listed below:</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"></p><table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; width: 100%; border-collapse: collapse"><tr><td colspan="6" style="border-bottom: black 1.5pt solid; text-align: center">For the six months ended
 June 30,</td></tr><tr><td colspan="2" style="vertical-align: bottom"><td colspan="2"><td colspan="2" style="border-bottom: black 1.5pt solid; text-align: center">2024</td></tr><tr><td colspan="2" style="border-bottom: black 1.5pt solid; text-align: center">2023</td><td colspan="2" style="border-bottom: black 1.5pt solid; text-align: center">Dividend payment to related parties:</td></tr><tr><td colspan="2" style="text-align: center"><td colspan="2" style="text-align: center"><td colspan="2" style="text-align: center"></tr><tr><td colspan="6" style="background-color: #CCEEFF"><td style="width: 78%">Xinchang County Jiuxin Investment Management Partnership (LP)</td><td style="width: 1%"></td><td style="width: 1%"></td><td style="width: 8%; text-align: right">208,524</td><td style="width: 1%"></td><tr><td colspan="6" style="background-color: #CCEEFF"><td style="width: 78%">Xinchang County Jiue Investment Management Partnership (LP)</td><td style="width: 1%"></td><td style="width: 1%"></td><td style="width: 8%; text-align: right">495,071</td><td style="width: 1%"></td></tr><tr><td colspan="6" style="background-color: #CCEEFF"><td style="width: 78%">495,071</td><td style="width: 1%"></td><td style="width: 1%"></td><td style="width: 8%; text-align: right">495,071</td><td style="width: 1%"></td></tr></table>(a) Names and Relationship of Related Parties:<table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; width: 100%; border-collapse: collapse"><tr><td colspan="2" style="vertical-align: top; padding-left: 9pt; text-indent: -9pt; width: 49%"><td colspan="2" style="vertical-align: top; border-bottom: black 1.5pt solid; text-align: center; width: 49%">Existing Relationship with the Company</td><td colspan="2" style="background-color: rgb(204,238,255)"><td colspan="2" style="vertical-align: top; padding-left: 9pt; text-indent: -9pt">Cenntro Holding Limited</td><td colspan="2" style="vertical-align: top; padding-left: 9pt; text-indent: -9pt">Controlling shareholder of the Company</td><td colspan="2" style="vertical-align: top; padding-left: 9pt; text-indent: -9pt">Cenntro Smart Manufacturing Tech. Co., Ltd.</td><td colspan="2" style="padding-left: 9pt; text-indent: -9pt"><td colspan="2" style="vertical-align: top">Under common control of Peter Zuguang Wang</td><td colspan="2" style="vertical-align: top">Under common control of Peter Zuguang Wang</td><td colspan="2" style="vertical-align: top">Chairman of the Board of Directors of the Company</td><td colspan="2" style="vertical-align: top">Chairman of the Board of Directors of the Company</td></tr><tr><td colspan="6" style="background-color: rgb(204,238,255)"><td colspan="2" style="vertical-align: top; padding-left: 9pt; text-indent: -9pt">Zhuhai Hengzhong Industrial Investment Fund (Limited Partnership)</td><td colspan="2" style="vertical-align: top; padding-left: 9pt; text-indent: -9pt">Under common control of Peter Zuguang Wang</td><td colspan="2" style="vertical-align: top; padding-left: 9pt; text-indent: -9pt">Peter Zuguang Wang</td><td colspan="2" style="vertical-align: top; padding-left: 9pt; text-indent: -9pt">Chairman of the Board of Directors of the Company</td><td colspan="2" style="vertical-align: top; padding-left: 9pt; text-indent: -9pt">Chairman of the Board of Directors of the Company</td></tr></table><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: center"></p>Controlling shareholder of the Company Under common control of Peter Zuguang Wang Under common control of Peter Zuguang Wang Chairman of the Board of Directors of the Company(b) Summary of Balances with Related Parties:<table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"><tr><td colspan="2" style="vertical-align: bottom"><td colspan="2" style="text-align: justify"></td><td colspan="2" style="font-weight: bold; padding-bottom: 1.5pt"></td><td colspan="6" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">As of</td><td colspan="2" style="padding-bottom: 1.5pt; font-weight: bold"></td><tr><td colspan="2" style="vertical-align: bottom"><td colspan="2" style="text-align: justify"></td><td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">December 31,</td><td colspan="2" style="padding-bottom: 1.5pt; font-weight: bold"></td><tr><td colspan="2" style="vertical-align: bottom"><td colspan="2" style="text-align: justify"></td><td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">December 31,</td><td colspan="2" style="padding-bottom: 1.5pt; font-weight: bold"></td><tr><td colspan="2" style="vertical-align: bottom"><td colspan="2" style="text-align: justify"></td><td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">December 31,</td><td colspan="2" style="padding-bottom: 1.5pt; font-weight: bold"></td><tr><td colspan="2" style="vertical-align: bottom"><td colspan="2" style="text-align: justify"></td><td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">December 31,</td><td colspan="2" style="padding-bottom: 1.5pt; font-weight: bold"></td><tr><td colspan="2" style="vertical-align: bottom"><td colspan="2" style="text-align: justify"></td><td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">December 31,</td><td colspan="2" style="padding-bottom: 1.5pt; font-weight: bold"></td><tr><td colspan="2" style="vertical-align: bottom"><td colspan="2" style="text-align: justify"></td><td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">December 31,</td><td colspan="2" style="padding-bottom: 1.5pt; font-weight: bold"></td><tr><td colspan="2" style="vertical-align: bottom"><td colspan="2" style="text-align: justify"></td><td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">December 31,</td><td colspan="2" style="padding-bottom: 1.5pt; font-weight: bold"></td><tr><td colspan="2" style="vertical-align: bottom"><td colspan="2" style="text-align: justify"></td><td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">December 31,</td><td colspan="2" style="padding-bottom: 1.5pt; font-weight: bold"></td><tr><td colspan="2" style="vertical-align: bottom"><td colspan="2" style="text-align: justify"></td><td colspan="2" style="border-bottom: Black 1.5pt

<td style="width: 0.25in">2</td> <td style="text-align: justify">Temporary borrowings from Zhuhai Hengzhong Industrial Investment Fund (Limited Partnership);</td></tr> </table><table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; width: 100%"><tr style="vertical-align: top"> <td style="width: 0.25in">3</td> <td style="text-align: justify">Total dividend payment of \$7.6 million declared by Zhongchai Holding to Cenntro Holding Limited. As of December 31, 2019, the balance was \$1.34 million, and no further payments had been made since then;</td></tr> </table><table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; width: 100%"><tr style="vertical-align: top"> <td style="width: 0.25in">4</td> <td style="text-align: justify">Payable to Peter Zuguang Wang for capital reduction due to the dissolution of Shanghai Hengyu Business Management Consulting Co., Ltd. on July 10, 2023.</td></tr> </table> 2546 2606 94442 94442 1341627 1341627 2392961 2392961 3831576 3831636 7600000 1340000 <table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-align: bottom"> <td style="text-align: justify"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"></td> <td colspan="6" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">As of</td><td style="padding-bottom: 1.5pt; font-weight: bold"></td></tr> <tr style="vertical-align: bottom"> <td style="text-align: center"></td> <td style="font-weight: bold"></td> <td colspan="2" style="font-weight: bold; text-align: center">June 30,</td><td style="font-weight: bold"></td><td style="font-weight: bold"></td> <td colspan="2" style="font-weight: bold; text-align: center">December 31,</td><td style="font-weight: bold"></td></tr> <tr style="vertical-align: bottom"> <td style="text-align: center"></td><td style="font-weight: bold; padding-bottom: 1.5pt"></td> <td colspan="2" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"></td><td colspan="2" style="font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">2023</td><td style="padding-bottom: 1.5pt; font-weight: bold"></td></tr> <tr style="vertical-align: bottom"> <td colspan="2" style="text-align: justify">Due from related parties-current, net:</td><td></td> <td colspan="2" style="text-align: right"></td><td></td> <td colspan="2" style="text-align: right"></td><td></td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 76%; text-align: justify; padding-bottom: 1.5pt">Zhuhai Hengzhong Industrial Investment Fund (Limited Partnership)</td><td style="width: 1%; padding-bottom: 1.5pt"></td> <td style="width: 1%; border-bottom: Black 1.5pt solid; text-align: left"></td><td style="width: 9%; border-bottom: Black 1.5pt solid; text-align: right">228,311</td><td style="width: 1%; padding-bottom: 1.5pt; text-align: left"></td><td style="width: 1%; padding-bottom: 1.5pt"></td> <td style="width: 1%; border-bottom: Black 1.5pt solid; text-align: left"></td><td style="width: 9%; border-bottom: Black 1.5pt solid; text-align: right">225,927</td><td style="width: 1%; padding-bottom: 1.5pt; text-align: left"></td></tr> <tr style="vertical-align: bottom"> <td colspan="2" style="text-align: justify; padding-bottom: 4pt">Total</td><td style="font-weight: bold; padding-bottom: 4pt"></td> <td colspan="2" style="border-bottom: Black 4pt double; font-weight: bold; text-align: left">\$</td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: right">228,311</td><td style="padding-bottom: 4pt; font-weight: bold; text-align: left"></td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: left">\$</td><td style="border-bottom: Black 4pt double; font-weight: bold; text-align: right">225,927</td><td style="padding-bottom: 4pt; font-weight: bold; text-align: left"></td></tr> </table> 228311 225927 228311 225927 230000 230000 0.04785 A summary of dividend payment declared by Zhejiang Zhongchai to related parties for the six months ended June 30, 2024 and 2023 are listed below:<table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; width: 100%; border-collapse: collapse"> <tr style="vertical-align: bottom"> <td></td> <td></td> <td colspan="6" style="border-bottom: black 1.5pt solid; text-align: center">For the six months ended
 June 30,</td> <td></td></tr> <tr style="vertical-align: bottom"> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-size: 10pt">2024</td> <td></td> <td colspan="2" style="border-bottom: black 1.5pt solid; text-align: center">2023</td> <td></td> <tr style="vertical-align: bottom"> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-size: 10pt">Dividend payment to related parties:</td> <td colspan="2" style="text-align: center"></td> <td colspan="2" style="text-align: center"></td> <td colspan="2" style="text-align: center"></td></tr> <tr style="vertical-align: bottom; background-color: #CCEEFF"> <td style="width: 78%">Xinchang County Jiuxin Investment Management Partnership (LP)</td> <td style="width: 1%"></td> <td style="width: 8%; text-align: right">2024</td> <td style="width: 1%"></td> <td style="width: 1%"></td> <td style="width: 8%; text-align: right">2023</td> <td style="width: 1%"></td></tr> <tr style="vertical-align: bottom"> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-size: 10pt">Xinchang County Jiuhu Investment Management Partnership (LP)</td> <td colspan="2" style="text-align: right">NOTE 24 - SUBSEQUENT EVENTS</td> <td colspan="2" style="text-align: right">Management has evaluated subsequent events through the date that the financial statements were available to be issued, which is August 14, 2024. All subsequent events requiring recognition as of June 30, 2024 have been incorporated into these financial statements and there are no other subsequent events that require disclosure in accordance with FASB ASC Topic 855.</td></tr> </table> false false false false 01-0038605 Unlimited Unlimited 0.18 0.30 0.34 0.53 70000 70000 0.18 0.30 0.34 0.53 false --12-31 Q2 0001735041 Employee wages paid by Cenntro Smart Manufacturing Tech. Co., Ltd. on the Company's behalf; Temporary borrowings from Zhuhai Hengzhong Industrial Investment Fund (Limited Partnership); Total dividend payment of \$7.6 million declared by Zhongchai Holding to Cenntro Holding Limited. As of December 31, 2019, the balance was \$1.34 million, and no further payments had been made since then; Payable to Peter Zuguang Wang for capital reduction due to the dissolution of Shanghai Hengyu Business Management Consulting Co., Ltd. on July 10, 2023;