

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 Form 6-K Report of Foreign Private Issuer Pursuant to Rule 13a-16 or 15d-16 under the Securities Exchange Act of 1934 For the month of: January 2025 (Report No. 5) Commission file number: 001-38094 FORESIGHT AUTONOMOUS HOLDINGS LTD. (Translation of registrant's name into English) 7 Golda Meir Ness Ziona 7403650 Israel (Address of principal executive offices) Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F. Form 20-F Form 40-F CONTENTS Attached hereto and incorporated herein is Foresight Autonomous Holdings Ltd.'s (the "Registrant") press release issued on January 17, 2025, titled "Foresight: Eye-Net Achieves Euro NCAP Compliance Validation from UTAC for its Cellular V2X Solution." A copy of this press release is furnished herewith as Exhibit 99.1. The first two paragraphs and the section titled "Forward-Looking Statements" in the press release are incorporated by reference into the Registrant's Registration Statements on Form F-3 (File No. 333-276709) and Form S-8 (Registration Nos. 333-229716, 333-239474, 333-268653 and 333-280778), filed with the Securities and Exchange Commission, to be a part thereof from the date on which this Report of Foreign Private Issuer on Form 6-K is submitted, to the extent not superseded by documents or reports subsequently filed or furnished. Exhibit No. Description 99.1 Press release issued by Foresight Autonomous Holdings Ltd. on January 17, 2025, titled "Foresight: Eye-Net Achieves Euro NCAP Compliance Validation from UTAC for its Cellular V2X Solution." SIGNATURES 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. Foresight Autonomous Holdings Ltd. (Registrant) Date: January 17, 2025 By: /s/ Eli Yoresh Name: Eli Yoresh Title: Chief Financial Officer Exhibit 99.1 Foresight: Eye-Net Achieves Euro NCAP Compliance Validation from UTAC for its Cellular V2X Solution The validation was part of Eye-Net's collaboration with Software RA@publique to deploy its advanced digital services in France. Ness Ziona, Israel "January 17, 2025 - Foresight Autonomous Holdings Ltd. (Nasdaq and TASE: FRSX) ("Foresight" or the "Company"), an innovator in 3D perception systems, announced that its wholly owned subsidiary, Eye-Net Mobile Ltd. ("Eye-Net") has successfully passed rigorous field tests conducted by UTAC, a renowned French organization specializing in vehicle testing, certification, and safety solutions. The field tests were conducted under the strict European New Car Assessment Programme ("Euro NCAP") regulations. The evaluation by UTAC is part of Eye-Net's collaboration with Software RA@publique in its roadmap to deploy Eye-Net's digital services in France. The trials validated the effectiveness of Eye-Net's cellular vehicle-to-everything (V2X) technology in enhancing road safety and preventing collisions. The tests, utilizing an autonomous vehicle and automated validation platforms connected to the Eye-Net solution, simulated real-world collision scenarios and achieved a perfect 100% success rate. In each scenario, the system consistently triggered the autonomous vehicle's automatic emergency braking system, in time to enable safe braking and collision prevention, with alert timing variations of less than 20 milliseconds. "UTAC's validation of our cellular V2X technology according to Euro NCAP regulations marks a significant milestone for Eye-Net and the automotive industry. As a recognized authority in advanced driver assistance systems testing, we believed that UTAC's endorsement validates our technology's superior effectiveness. Additionally, it paves the way for our expansion into the automotive market and may open up new opportunities for strategic partnerships with leading automotive manufacturers and suppliers. We believe that this successful performance demonstrates that our solution is ready to be integrated into vehicles worldwide, potentially saving lives and revolutionizing road safety," said Dror Elbaz, Chief Executive Officer of Eye-Net. For more information about Eye-Net, please visit www.eyenet-mobile.com, or follow the Company's LinkedIn page, Eye-Net Mobile; X (formerly Twitter), @EyeNetMobile1; and Instagram channel, Eyenetmobile1, the contents of which are not incorporated into this press release. About Foresight Foresight Autonomous Holdings Ltd. (Nasdaq and TASE: FRSX) is a technology company developing smart multi-spectral vision software solutions and cellular-based applications. Through the Company's wholly owned subsidiaries, Foresight Automotive Ltd., Foresight Changzhou Automotive Ltd. and Eye-Net Mobile Ltd., Foresight develops both "in-line-of-sight" vision systems and "beyond-line-of-sight" accident-prevention solutions. Foresight's vision solutions include modules of automatic calibration and dense three-dimensional (3D) point cloud that can be applied to different markets such as automotive, defense, autonomous vehicles, and heavy industrial equipment. Eye-Net's cellular-based solution suite provides real-time pre-collision alerts to enhance road safety and situational awareness for all road users in the urban mobility environment by incorporating cutting-edge AI technology and advanced analytics. For more information about Foresight and its wholly owned subsidiary, Foresight Automotive, visit www.foresightauto.com, follow @ForesightAuto1 on X (formerly Twitter), or join Foresight Automotive on LinkedIn. Forward-Looking Statements This press release contains forward-looking statements within the meaning of the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995 and other Federal securities laws. Words such as "expects," "anticipates," "intends," "plans," "believes," "seeks," "estimates" and similar expressions or variations of such words are intended to identify forward-looking statements. For example, Foresight is using forward-looking statements in this press release when it discusses advantages and benefits of Eye-Net's technology, that UTAC's endorsement validates Eye-Net's technology's superior effectiveness, paves the way for its expansion into the automotive market and may open up new opportunities for strategic partnerships with leading automotive manufacturers and suppliers, and Eye-Net's belief that this successful performance demonstrates that its solution is ready to be integrated into vehicles worldwide, potentially saving lives and revolutionizing road safety. Because such statements deal with future events and are based on Foresight's current expectations, they are subject to various risks and uncertainties, and actual results, performance or achievements of Foresight could differ materially from those described in or implied by the statements in this press release. The forward-looking statements contained or implied in this press release are subject to other risks and uncertainties, including those discussed under the heading "Risk Factors" in Foresight's annual report on Form 20-F for the fiscal year ended December 31, 2023 filed with the Securities and Exchange Commission ("SEC") on March 27, 2024, and in any subsequent filings with the SEC. Except as otherwise required by law, Foresight undertakes no obligation to publicly release any revisions to these forward-looking statements to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events. References and links to websites have been provided as a convenience, and the information contained on such websites is not incorporated by reference into this press release. Foresight is not responsible for the contents of third-party websites. Investor Relations Contact: Miri Segal-Scharia CEO MS-IRLLC msegal@ms-ir.com 917-607-8654