

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 April 2025
Commission File Number: 001-40884

ARBE ROBOTICS LTD.
(Translation of registrant's name into English)

HaHashmonaim St. 107
Tel Aviv-Yafo, Israel
Tel: +972-73-7969804, ext. 200
(Address of principal executive office)

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 ☐

INFORMATION CONTAINED IN THIS CURRENT REPORT ON FORM 6-K

Arbe Robotics Ltd. ("Arbe" or the "Company") will host a live conference call on Wednesday, May 20, 2025 at 8:30 a.m. Eastern Time, to discuss its financial results for the first quarter ended March 31, 2025.

Speakers will include Kobi Marenko, co-founder and chief executive officer, and Karine Pinto-Flomenboim, chief financial officer. Interested persons can register in advance at <https://dpregrister.com/sreg/10199004/fef7b0e4f4>. Log-in instructions will be available upon registering for the event. The live call may be accessed via telephone as follows: in the United States toll free at (844) 481-3015, in Israel toll free at 1-809-212373, or internationally at +1 (412) 317-1880. A telephonic replay of the conference call will be available following the end of the conference call until June 3, 2025 at (877) 344-7529 from the United States, or +1 (412) 317-0088 internationally, using access ID: 3848120. A live webcast of the call can be accessed at <https://event.choruscall.com/mediaframe/webcast.html?webcastid=MIJMDGRV> or from Arbe's Investor Relations website at: <https://ir.arberobotics.com>. An archived webcast of the conference call will also be made available on the website following the call.

On April 29, 2025, the Company issued a press release announcing the conference call. The press release is furnished as Exhibit 99.1 to this Report on Form 6-K.

Cautionary Note Regarding Forward-Looking Statements

The press release contains, and the conference call described in this press release will contain "forward-looking statements" within the meaning of the Securities Act of 1933 and the Securities Exchange Act of 1934, both as amended by the Private Securities Litigation Reform Act of 1995. The words "expect," "believe," "estimate," "intend," "plan," "anticipate," "may," "should," "strategy," "future," "will," "project," "potential" and similar expressions indicate forward-looking statements. Forward-looking statements are predictions, projections and other statements about future events that are based on current expectations and assumptions and, as a result, are subject to risks and uncertainties. These risks and uncertainties include the effect of tariffs and trade policies of the United States, China and other countries, whether announced or implemented; the effect on the Israeli economy generally and on the Company's business resulting from the terrorism and the hostilities in Israel and with its neighboring countries including the effects of the continuing war with Hamas in Gaza and any intensification of hostilities with others, including Iran and Hezbollah, and the effect of the call-up of a significant portion of its working population, including the Company's employees; the effect of any potential boycott both of Israeli products and business and of stocks in Israeli companies; the effect of any downgrading of the Israeli economy and the effect of changes in the exchange rate between the US dollar and the Israeli shekel; and the risk and uncertainties described in "Cautionary Note Regarding Forward-Looking Statements," "Item 3. Key Information – D. Risk Factors" and "Item 5. Operating and Financial Review and Prospects" and in the Company's Annual Report on Form 20-F for the year ended December 31, 2024, which was filed with the Securities and Exchange Commission (the "SEC") on March 28, 2025, as well as other documents filed by the Company with the SEC. Accordingly, you are cautioned not to place undue reliance on these forward-looking statements. Forward-looking statements relate only to the date they were made, and the Company does not undertake any obligation to update forward-looking statements to reflect events or circumstances after the date they were made except as required by law or applicable regulation.

Exhibit Index

Exhibit No.	Document Description
99.1	Press Release dated April 29, 2025

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

ARBE ROBOTICS LTD.

Date: April 30, 2025

By: /s/ Kobi Marenko
Name: Kobi Marenko
Title: CEO



Arbe to Announce Q1 2025 Financial Results and Hold a Conference Call on May 20, 2025

Tel Aviv, Israel, April 29, 2025 — Arbe Robotics Ltd. (Nasdaq: ARBE) (TASE: ARBE), a global leader in perception radar solutions, today announced that it will hold its first quarter 2025 conference call on Tuesday, May 20, 2025 at 8:30 a.m. Eastern Time. The company will issue its financial results before the market opens that same day.

Conference Call and Webcast Details

Speakers will include Kobi Marenko, Co-Founder and Chief Executive Officer and Karine Pinto-Flomenboim, Chief Financial Officer. The live call may be accessed via telephone at:

US Toll Free: 1-(844) 481-3015
 Israel toll-free: 1-809-212373
 Internationally: 1-(412) 317-1880

A telephonic replay of the conference call will be available following the end of the conference call until June 3, 2025. To listen to the replay, please dial 1-(877) 344-7529, or 1-(412) 317-0088 internationally, using access ID: 3848120.

The Company encourages participants to pre-register for the conference call using the following link: <https://dpregrister.com/sreg/10199004/fef7b0e4f4>. Callers will receive a unique dial-in upon registration, which enables immediate access to the call. Participants may pre-register at any time, including up to and after the call start time.

A live webcast of the call can be accessed here: <https://event.choruscall.com/mediaframe/webcast.html?webcastid=MIJMDGRV> or from Arbe's Investor Relations website at: <https://ir.arberobotics.com>. An archived webcast of the conference call will also be made available on the website following the call.

About Arbe

Arbe (Nasdaq, TASE: ARBE), a global leader in Perception Radar solutions, is spearheading a radar revolution, enabling safe driver-assist systems today while paving the way to full autonomous-driving. Arbe's radar technology is 100 times more detailed than any other radar on the market and is a critical sensor for L2+ and higher autonomy. The company is empowering automakers, Tier 1 suppliers, autonomous ground vehicles, commercial and industrial vehicles, and a wide array of safety applications with advanced sensing and paradigm changing perception. Arbe, a leader in the fast-growing automotive radar market, is based in Tel Aviv, Israel, and has offices in China, Germany, and the United States.

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Information contained on, or that can be accessed through, the Company's website or any other website or any social media is expressly not incorporated by reference into and is not a part of this press release.