

NEO Battery Materials to Showcase High-Performance Battery Solutions at Humanoid Robot International Conference

03.09.2025 | [GlobeNewswire](#)

TORONTO, Sept. 03, 2025 -

- Silver Sponsor Participation in 24th International Conference on Humanoid Robots in Seoul, South Korea
 - Global Flagship Conference for Humanoid Technologies in AI & Mechatronics
 - Sponsored & Supported by NVIDIA, Samsung, Google DeepMind & Qualcomm
- To Showcase Proprietary, High-Performance Battery Products Designed for Humanoid & Industrial Robotics
 - To Introduce Battery Technology for Co-Development & Commercial Integration with Robotics Researchers & Manufacturers

[NEO Battery Materials Ltd.](#) ("NEO" or the "Company") (TSXV: NBM) (OTC: NBMFF), a low-cost, silicon-enhanced battery materials and components developer that enables longer-running, rapid-charging batteries, is pleased participate as a Silver Sponsor to showcase its high-performance battery solutions at the 24th International Conference on Humanoid Robots ("Humanoids 2025") hosted by the Institute of Electrical and Electronics Engineers' Robotics and Automation Society (IEEE-RAS), taking place from September 30 to October 2, 2025, at COEX in Seoul, South Korea.

The Humanoids 2025 is a global flagship conference for advancing the science, engineering, and commercialization of humanoid robotics. The event convenes a diverse audience of engineers, academic leaders, robotics manufacturers, and industry leaders, focusing on areas such as mechatronics, artificial intelligence (AI) integration, mobility/vision, and commercial applications in healthcare, industry, and emergency response. Humanoids 2025 will highlight the latest innovations and developments in humanoid robotics with live demonstrations and interactive panel discussions.

As one of the only advanced battery solution providers at Humanoids 2025, NEO will showcase its proprietary high-performance battery designs tailored for emerging humanoid and industrial robotics applications. With demand for compact, lightweight, and high-capacity batteries evolving with humanoid innovation, NEO's battery products emphasize high power density, high energy density, and reliable performance - properties essential for advanced robotics operation. By engaging with robotics researchers and manufacturers, NEO aims to introduce its battery technologies for co-development opportunities and commercial integration.

As a Silver Sponsor of Humanoids 2025, NEO joins a roster of international robotics and leading technology companies, including NVIDIA, Samsung, Google DeepMind, and Qualcomm, reflecting the global commitment to advancing humanoid robotics. For more information and participation in Humanoids 2025, please visit <https://2025humanoids.org/>.

About NEO Battery Materials Ltd.

NEO Battery Materials is a Canadian battery materials technology company focused on developing silicon anode materials for lithium-ion batteries in electric vehicles, electronics, and energy storage systems. With a patent-protected, low-cost manufacturing process, NEO Battery enables longer-running and ultra-fast charging batteries compared to existing state-of-the-art technologies. The Company aims to be a globally-leading producer of silicon anode materials for the electric vehicle and energy storage industries. For more information, please visit the Company's website at: <https://www.neobatterymaterials.com/>.

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This news release includes certain forward-looking statements as well as management's objectives, strategies, beliefs and intentions. All information contained herein that is not clearly historical in nature may constitute forward-looking information. Generally, such forward-looking information can be identified notably by the use of forward-looking terminology such as "plans", "expects" or "does not expect", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates" or "does not anticipate", or "believes", or variations of such words and phrases or state that certain actions, events or results "may", "could", "would", "might" or "will be taken", "occur" or "be achieved". Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of the Company to be materially different from those expressed or implied by such forward-looking information, including but not limited to: volatile stock prices; the general global markets and economic conditions; the possibility of write-downs and impairments; the risk associated with the research and development of advanced and battery-related technologies; the risk associated with the effectiveness and feasibility of technologies that have not yet been tested or proven on commercial scale; manufacturing process scale-up risks, including maintaining consistent material quality, production yields, and process reproducibility at a pilot or commercial scale; compatibility issues with existing battery chemistries and unforeseen the risks associated with entering into and maintaining collaborations, joint ventures, or partnerships with battery cell manufacturers, original equipment manufacturers, and various companies in the global battery supply chain; the risks associated with the construction, completion, and financing of commercial facilities including the Windsor and South Korean facilities; the risks associated with supply chain disruptions or cost fluctuations in raw materials, processing chemicals, and additive prices, impacting production costs and commercial viability; the risks associated with uninsurable risks arising during the course of research, development and production; competition faced by the Company in securing experienced personnel and financing; access to adequate infrastructure and resources to support battery materials research and development activities; the risks associated with changes in the technology regulatory regime governing the Company; the risks associated with the timely execution of the Company's strategies and business plans; the risks associated with the lithium-ion battery industry's demand and adoption of the Company's silicon anode technology; market adoption and integration challenges, including the difficulty of incorporating silicon anodes within battery manufacturers and OEMs systems; the risks associated with the various environmental and political regulations the Company is subject to; risks related to regulatory and permitting delays; the reliance on key personnel; liquidity risks; the risk of litigation; risk management; and other risk factors as identified in the Company's recent Financial Statements and MD&A and in recent securities filings for the Company which are available on www.sedarplus.ca. Forward-looking information is based on assumptions management believes to be reasonable at the time such statements are made, including but not limited to, continued R&D and commercialization activities, no material adverse change in precursor prices, development and commercialization plans to proceed in accordance with plans and such plans to achieve their stated expected outcomes, receipt of required regulatory approvals, and such other assumptions and factors as set out herein. Although the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in the forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such forward-looking information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such forward-looking information. Such forward-looking information has been provided for the purpose of assisting investors in understanding the Company's business, operations, research and development, and commercialization plans and may not be appropriate for other purposes. Accordingly, readers should not place undue reliance on forward-looking information. Forward-looking information is made as of the date of this presentation, and the Company does not undertake to update such forward-looking information except in accordance with applicable securities laws.

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Die URL für diesen Artikel lautet:

<https://www.rohstoff-welt.de/news/703786--NEO-Battery-Materials-to-Showcase-High-Performance-Battery-Solutions-at-Humanoid-Robot-International-Confer>

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