

NEO Battery Appoints Battery Gigafactory Production Veteran, Seok Joung Youn, as Head of Manufacturing & Facility Operations

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- Appointed Mr. Seok Joung Youn as Head of Manufacturing & Facility Operations
- 40 Years of Lithium-Ion Battery Manufacturing & Quality Control Experience from Samsung SDI and Global Battery Startups
 - Launched World's First Wide Electrode Production Line for Samsung EV Batteries
- Will Direct Production of High-Quality Electrodes and Large-Format Battery Cells for Robust Testing & Validation for Global Battery Partners

TORONTO, July 16, 2025 -- [NEO Battery Materials Ltd.](#) ("NEO" or the "Company") (TSXV: NBM) (OTC: NBMFF), a low-cost silicon anode materials developer that enables longer-running, rapid-charging lithium-ion batteries, is pleased to announce the appointment of Mr. Seok Joung Youn as Head of Manufacturing and Facility Operations.

Mr. Youn brings 40 years of lithium-ion battery and facility operations experience and leadership from Samsung SDI, the world's 7th-largest battery cell manufacturer, and global battery startups. With a technical background spanning process engineering and quality control, Mr. Youn acted in key roles in developing and realizing production efficiencies in high-volume manufacturing for both small-format and automotive batteries.

During his tenure at Samsung, Mr. Youn successfully launched the battery industry's first 1,200mm-wide electrode production line for electric vehicles. Along with stabilizing product yield and establishing operator protocols, Mr. Youn enhanced Samsung's global battery deployment capacity and reduced costs from lowered defects. He subsequently held senior roles at global battery startups, including EoCell, where he led pilot production lines for a European gigafactory's commercial-level qualification and start-of-production (SOP).

Along with Dr. J.S. Jeoung, SVP of Commercialization & Cell Development, Mr. Youn will lead manufacturing operations to ensure NEO's quality adheres to standards required by its global battery partners. He will also direct the production of high-quality electrodes and large-format cells, which are integral to testing and validating NEO's silicon battery materials at near-commercial scale. As the Company moves toward expanding silicon battery capacity, Mr. Youn's expertise and leadership are expected to facilitate the transition from material innovation to real-world application.

Mr. Spencer Huh, President & CEO of NEO, stated, "*We are honoured to welcome Mr. Youn to NEO Battery Materials, and we are excited to build a well-rounded team that covers the full spectrum of battery manufacturing and technology. Mr. Youn retains deep operational experience and a proven ability to lead high-precision, large-scale battery manufacturing, having worked at Samsung and other global companies. His know-how and leadership will further strengthen our execution capabilities as we proceed to the next phase of commercial readiness.*"

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/>.

On Behalf of the Board of Directors
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