

# NEO Battery Materials Appoints Former Executive Vice President of Multi-Billion South Korean Chemical Manufacturing Company as Chief Technology Officer

written by Raj Shah | March 6, 2023

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- Appointed Dr. S. G. Kim, a Silicon/Polymer Material and Chemical Technology Development Expert, as Chief Technology Officer
- Former Executive Vice President and Head of R&D of Hanwha Solutions, a South Korean Chemical Manufacturing Conglomerate with \$10B in Sales and \$8B Market Capitalization
  - Held Previous Executive Level Leadership Role at Momentive, Global 2<sup>nd</sup> Largest Silicon Product Company, including Dow Chemical Corporation, LG Innotek, and Samsung Fine Chemicals
- Will Lead Technology Development and Strategy for Timely Commercialization of NEO Silicon Anode Materials on a Full-Time Basis

NEO Battery Materials Ltd. (“NEO” or the “Company”), a low-cost silicon anode materials developer that enables longer-running,

rapid-charging lithium-ion batteries, is highly pleased to announce that Dr. S. G. Kim, a silicon/polymer material and chemical technology development expert, has been appointed as NEO's Chief Technology Officer ("CTO").

Dr. Kim served as the Executive Vice President and Head of R&D of Hanwha Solutions' Advanced Materials Division, the chemical manufacturing arm of the South Korean conglomerate with sales amassing 10 billion USD. With responsibilities ranging from new product development and commercial plant construction, Dr. Kim led Hanwha Solutions to nearly double new product sales and expand the core technology portfolio by leading several value-added projects for global automotive, aerospace, and electronics companies. Dr. Kim additionally led inorganic growth efforts by closing two M&A transactions that fortified Hanwha's hydrogen and electronics business between 2021 and 2022.

Dr. S. G. Kim, CTO of NEO, commented, "I am more than excited to join NEO's roadmap to commercialization. Based on my decades of experience in chemical product R&D, the promise, performance, and potential of NEO's silicon anode material are currently unmatched by any other competitor, and I have strong confidence to apply my expertise and lead NEO's R&D team for our products to be integrated into every electric vehicle batteries. NEO will explore additional business opportunities through my existing global business and R&D network."

Prior to joining Hanwha Solutions, Dr. Kim held tenure as the global R&D leader at Momentive Performance Materials, the second-largest global manufacturer of silicon-based products. Likewise, Dr. Kim successfully increased new product viability and led manufacturing plant construction to supply critical components to Momentive's global electronics customers. Previously, Dr. Kim also served in senior research positions at the Dow Chemical Company, LG Innotek, and Samsung Fine

Chemicals.

Mr. Spencer Huh, President and CEO of NEO, commented, "With Dr. Kim's successful track record of chemical product development in the silicon, polymer, and lithium-ion battery space, we now have a full-fledged leadership and technology team to expedite NEO's silicon anode innovation and to advance our relationships with global battery industry players. Dr. Kim's experience in leading global technology companies and his extensive business network will allow NEO to gain new strategic, value-enhancing opportunities for growth."

Dr. Kim received his Ph.D. in chemical engineering and applied chemistry from the University of Toronto, Canada, and obtained his bachelor's and master's in chemical engineering from Inha University, South Korea. He has published high-impact journals in the field of polymers and nanocomposites and retains 15 patents related to polymers, coatings, and silicon-based materials.

***About NEO Battery Materials Ltd.***

NEO Battery Materials Ltd. is a Vancouver-based company focused on electric vehicle lithium-ion battery materials. NEO has a focus on producing silicon anode materials through its proprietary single-step nanocoating process, which provides improvements in capacity and efficiency over lithium-ion batteries using graphite in their anode materials. The Company intends to become a silicon anode active materials supplier to the electric vehicle industry. 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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