

# NEO Battery Materials Provides Pilot Plant Updates

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Vancouver, July 8, 2021 - [NEO Battery Materials Ltd.](#) (TSXV: NBM) (OTC: NBMFF) ("NEO" or the "Company") is pleased to provide a detailed follow up regarding the progress of NEO's pilot plant for its proprietary silicon (Si) nanocoating technology.

Along with Dr. J. H. Park, Director and Chief Scientific Advisor of NEO, and Mr. S. J. Hwang, Member of the Scientific Advisory Board, the Company's directors, scientific advisors, and engineers are currently in the process of working on the conceptual design of the pilot plant. The conceptual design study is the first crucial step towards realizing the performance advantages of NEO's Si nanocoating technology into widescale production. The current emphasis and aim for the pilot plant are put onto formulating the optimal manufacturing process when considering both the quality assurance and economic/cost details of NEO's end product.

From the study and analysis, NEO will be able to determine and finalize the preliminary data and works regarding configurations, required feeds and utilities, process control system, fundamental guidelines for HSE (Health/Safety/Environmental), the handling methods for raw materials/product/effluent, and additional feasibility studies. These will accumulate to the decision of capacity, selection of equipment and operation unit for the pilot plant.

Spencer Huh, President and CEO of NEO, commented, "Currently, the site consideration of the pilot plant is being extensively discussed as direct sample transfers to battery material developers and cell manufacturers, third-party validation, and strategic integration into the lithium-ion battery (LiB) value chain are of essence. South Korea is being conversed as the top candidate due to the robust LiB network and technological advancements. NEO considers the location selection as a vital component that may accelerate the Company's commercialization plans. We will constantly provide updates on the progress of the pilot plant and other related material developments."

About NEO Battery Materials Ltd.

[NEO Battery Materials Ltd.](#) is a Vancouver-based resource company focused on battery metals and materials. The Company has staked new mining claims in Golden, BC, along a strike with a quartzite bed, targeting silica in the quartzites for a total of 467 hectares. NEO is also focusing on developing silicon anodes, which provide improvements in capacity and efficiency over lithium-ion batteries using graphite in their anode materials. The Company intends to become an integrated silicon producer and anode 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  
Spencer Huh  
President and CEO  
604-697-2408  
[shuh@neobatterymaterials.com](mailto:shuh@neobatterymaterials.com)

This news release includes certain forward-looking statements as well as management's objectives, strategies, beliefs and intentions. Forward looking statements are frequently identified by such words as "may", "will", "plan", "expect", "anticipate", "estimate", "intend" and similar words referring to future events and results. Forward-looking statements are based on the current opinions and expectations of management. All forward-looking information is inherently uncertain and subject to a variety of assumptions, risks and uncertainties, including the speculative nature of mineral exploration and development, fluctuating commodity prices, the effectiveness and feasibility of technologies which have not yet been tested or proven

on a commercial scale, competitive risks and the availability of financing, as described in more detail in our recent securities filings available at [www.sedar.com](https://www.sedar.com). Actual events or results may differ materially from those projected in the forward-looking statements and we caution against placing undue reliance thereon. We assume no obligation to revise or update these forward-looking statements except as required by applicable law.

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