

Nano One Materials' Dan Blondal on the Partnership with Worley and the Future of Lithium-Ion Battery Production

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May 8, 2024 – In a recent interview with InvestorNews host Peter Clausi, Dan Blondal, CEO, Director, and Founder of [Nano One Materials Corp.](#) (TSX: NANO), discussed the innovative processes and strategic alliances shaping the future of lithium-ion battery production. Nano One is renowned for its patented, scalable, and low carbon intensity process for producing high-performance lithium-ion battery cathode materials. Blondal explained, “Our laboratory in Burnaby and our significantly larger facility in Candiac, Quebec, use a one-pot reactor to mix key battery materials, creating a slurry that is dried and crystallized to form functional cathode material.” He highlighted the efficiency of this process, noting that it reduces the need for wastewater treatment and sulfate waste handling, which are substantial hurdles in scaling up production for global markets.

Blondal also detailed Nano One’s recent [strategic alliance](#) with [Worley Limited](#) (ASX: WOR), a global engineering leader listed on the Australian Stock Exchange. This partnership aims to tackle the scaling challenges of cathode material production by standardizing and marketing a comprehensive cathode plant design package, termed the ‘CAM package.’ “We and Worley share the philosophy that to scale cathode materials worldwide, we must address fundamental issues like cost reduction and environmental impact,” Blondal stated. The CAM package includes the One-Pot

process and integrates flow sheets, engineering designs, and essential equipment, aiming to facilitate rapid and widespread deployment across multiple plants globally. This approach not only streamlines manufacturing but also aligns with both companies' commitment to sustainable practices and cost efficiency, paving the way for faster adoption and implementation of their innovative technology in the burgeoning electric vehicle and renewable energy storage markets.

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About Nano One Materials Corp.

Nano One Materials Corp. ([Nano One](#)) is a clean technology company with a patented, scalable and low carbon intensity industrial process for the low-cost production of high-performance lithium-ion battery cathode materials. Nano One has formed strategic collaborations and partnerships with various automotive OEMs, Sumitomo Metal Mining, Rio Tinto, BASF, Umicore and now Worley. Nano One's technology is applicable to electric vehicles, energy storage, and consumer electronics, reducing costs and carbon intensity while improving environmental impact and supply chain diversity. Nano One aims to pilot and demonstrate its technology as modular production solutions for license, joint venture, and independent production opportunities, leveraging Canadian talent and critical minerals for emerging markets in North America, Europe, and the Indo-Pacific region. Nano One has received funding from SDTC, NRC-IRAP and the Governments of Canada and British Columbia.

To learn more about Nano One Materials Corp., [click here](#)

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