

# Nano One's Dan Blondal on the Umicore joint development agreement and scaling up the battery materials space

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Tracy Weslosky chats with [Nano One Materials Corp.](#)'s (TSX: NANO) Founder, CEO, and Director, Dan Blondal, to discuss their recent [Joint Development Agreement](#) with Umicore. Nano One and Umicore have entered into a joint development agreement to improve the throughput and cost of cathode manufacturing with the goal of making Umicore's cathode materials using Nano One's patented M2CAM® One-Pot process. Umicore is a massive company in the battery materials space, with €2.1 billion (turnover of €13.8 billion) in revenue in the first half of 2022, making this announcement exciting for the Nano One team.

Dan goes on to say, "We can't get to terawatt hours of batteries and electric cars in everybody's driveways unless we solve some of the big problems associated with the scale up of this industry." The agreement leverages both parties' technologies for cathode materials to drive down cost, complexity, and environmental footprint. Nano One shareholders can anticipate seeing impacts on the bottom line in years, as the project is measured in multiple phases with go/no-go milestones.

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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. It employs approximately 120 people at its innovation and commercialization hubs in British Columbia and Québec, including the only LFP plant and production team in North America. It has strategic collaborations and partnerships, that include Rio Tinto, BASF, Umicore, CBMM and various automotive OEMs.

Nano One's technology is applicable to electric vehicles, energy storage, consumer electronics and next generation batteries in the global push for a zero-emission future. Its One-Pot process, its coated single crystal materials, and its Metal to Cathode Active Material (M2CAM®) technologies address fundamental performance needs and supply chain constraints; they also reduce equipment and raw material costs, operating expenses, and carbon intensity; and they eliminate a significant waste stream for a much-improved environmental footprint.

The company aims to pilot and demonstrate its technology as turn-key CAM production solutions for license, joint venture and independent production opportunities. This leverages Canadian talent, critical minerals, renewable energy, and a thriving ecosystem with access to large emerging markets in North America, Europe and the Indo-Pacific region. Nano One has received funding from the Government of Canada and Government of British Columbia.

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

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