Nano One Selected to Join U.S. ALTA and Strengthen North American Battery Supply Chain

written by Raj Shah | July 15, 2025

Highlights

- Nano One selected for launch of ALTA, America's first lithium and battery supply chain accelerator.
- Only OBBB-ready solution for LFP-linking upstream critical minerals to downstream cell manufacturing.
- Eliminates chokepoints and reliance on foreign-controlled processes, inputs and wasteful ecosystems.
- Nano One begins trading on US listing (OTCQB: NNOMF) to enhance investor base.

July 15, 2025 (Source) – **(TSX:NANO)(OTC PINK:NNOMF)(Frankfurt:LBMB)**

Nano One® Materials Corp. ("Nano One" or the "Company"), a process technology company specializing in lithium-ion battery cathode active materials (CAM), has been selected to join the Arkansas Lithium Technology Accelerator (ALTA), America's first lithium and battery supply chain accelerator, to help catalyze a durable, domestic battery materials ecosystem and reduce foreign dependency on critical technology and inputs.

"*Participating in ALTA positions Nano One as a strategic contributor to lithium-ion battery supply chain independence*," said Dan Blondal, CEO of Nano One. "*We are the only OBBB-ready solution for LFP-linking upstream mineral extraction to downstream cell manufacturing. Without localized cathode*

production in the supply chain, critical minerals risk being sent offshore for processing or worse yet, idled while U.S. battery plants source elsewhere. Our One-Pot™ process eliminates chokepoints and reliance on foreign-controlled inputs, processing technologies, wastewater and byproducts that will not scale here. Purpose-built for North America, it vertically integrates PCAM with CAM-cutting costs, reducing permitting barriers, and unlocking a scalable, modular platform at the core of the lithium-ion battery ecosystem."

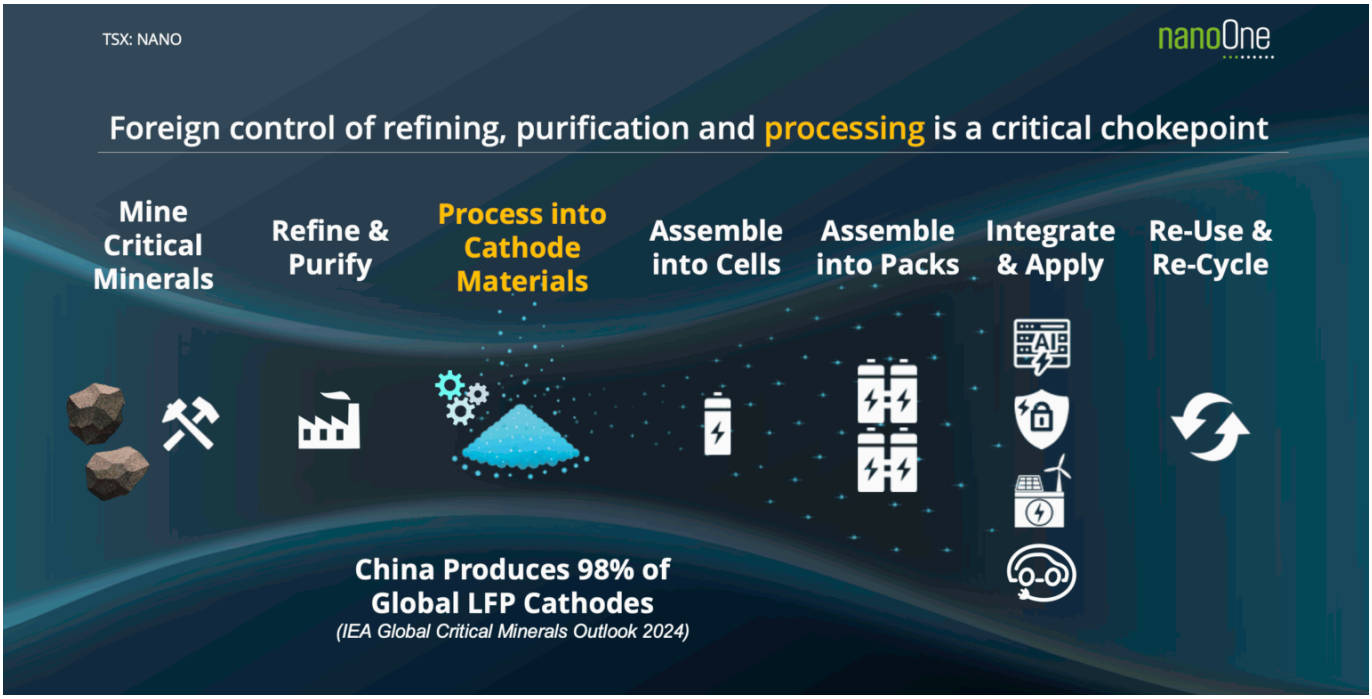


Image: *Simplified Lithium-ion battery supply chain.*

This milestone reinforces Nano One's position as a national strategic asset in lithium-ion battery production- fortifying a secure, localized supply chain for defense and commercial markets. It also highlights Nano One's continued relevance to energy growth and national security, bolstered by recent funding of US$12.9 million from the U.S. Department of Defense. Nano One's Candiac facility, in Québec, is scaling operations towards initial sales for defense and energy storage, while supporting licensing and joint venture efforts to address high-volume markets for AI data centers and electric vehicles. Arkansas'

bold yet achievable supply chain goals align with Nano One's multi-jurisdictional strategy, leveraging Candiac as a hub, accelerator and launchpad for validation, commercialization, and large-scale growth in the US, Canada and beyond. These efforts are anchored by Nano One's Innovation Centre in Burnaby, which supports process development, scale-up, regional deployment, and long-term competitiveness.

"*We're thrilled to have Nano One join the ALTA program. Their One-Pot LFP technology represents the kind of breakthrough innovation that supports the national goal of reshoring supply chains. It's a strong fit for Arkansas' rapidly growing lithium ecosystem*," said Arthur Orduña, executive director of The Venture Center. Nano One is one of only three companies selected for ALTA's inaugural cohort, alongside innovators in lithium processing and geothermal deployment. The accelerator is backed by Standard Lithium, the Walton Family Foundation, and a network of Arkansas-based producers, academic institutions, and government partners. Participation in ALTA creates opportunities for partnerships and strategic visibility in the U.S., while enabling shared learnings with other innovative North American supply chain leaders of tomorrow and established players looking to support localization of the lithium-ion battery supply chain.

To capitalize on this momentum, Nano One began trading on the U.S. OTCQB under the ticker NNOMF on July 14, enhancing visibility and accessibility to U.S. investors as it expands commercial efforts and builds partnerships across North America. Momentum is further supported by policy shifts like the **One Big Beautiful Bill (OBBB)**, which proposes tighter domestic content requirements and phases out incentives tied to foreign inputs. With CAM representing the highest cost component in a cell, Nano One's One-Pot™ process provides a path to resilient, cost competitive, and fully domestic manufacturing.

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About Nano One®

Nano One® Materials Corp. (Nano One) is a technology company changing how the world makes cathode active materials for lithium-ion batteries. Applications include stationary energy storage systems (ESS), portable electronics, and electric vehicles (EVs). The Company's patented One-Pot process reduces costs, is easier-to permit, lowers energy intensity, environmental footprint, and reliance on problematic supply chains. The Company is helping to drive energy security, supply chain resilience, industrial competitiveness and increased performance through process innovation. Scalability is proven and being demonstrated at Nano One's LFP (lithium-iron-phosphate) pilot production plant in Québec-leveraging the only facility and expertise of its kind outside of Asia. Strategic collaborations and partnerships with international companies like Sumitomo Metal Mining, Rio Tinto, and Worley are supporting a design-one-build-many licensing growth strategy-delivering cost-competitive, easier-to-permit and faster-to-market battery materials production solutions world-wide. Nano One has received funding from the Government of Canada, the Government of the United States, the Government of Québec, and the Government of British Columbia. For more information, please visit **www.nanoone.ca**.

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Cautionary Notes and Forward-Looking Statements

Certain information contained herein may constitute "forward-looking information" and "forward-looking statements" within the

meaning of applicable securities legislation. All statements, other than statements of historical fact, are forward-looking statements. Forward-looking information includes but is not limited to: LFP production, joint ventures, contracted projects, revenue generation, operational growth, licensing, government funding, the development of technology, supply chains, and plans for construction and operation of cathode production facilities; the Company's current and future business and strategies; estimated future working capital, funds available, and uses of funds, future capital expenditures and other expenses for commercial operations; industry demand; incurrence of costs; competitive conditions; general economic conditions; the intention to grow the business, operations and potential activities of the Company; the functions and intended benefits of Nano One's technology and product the development and optimization of the Company's technology and products; prospective partnerships and the anticipated benefits of the Company's partnerships; the ability to attract and retain key talent; the Company's licensing and, the scalability of developed technology to meet expanded capacity; and the execution of the Company's stated plans – which are contingent on access to capital and grants.

Generally, forward-looking information can be identified by the use of terminology such as 'believe', 'expect', 'anticipate', 'plan', 'intend', 'continue', 'estimate', 'may', 'will', 'should', 'ongoing', 'target', 'goal', 'potential' or variations of such words and phrases or statements that certain actions, events or results "will" occur.

Forward-looking statements are based on the current opinions and estimates of management as of the date such statements are made are not, and cannot be, a guarantee of future results or events. Forward-looking statements are subject to known and unknown risks, uncertainties and other factors that may cause the actual

results, level of activity, performance or achievements of the Company to be materially different from those expressed or implied by such forward-looking statements or forward-looking information, including but not limited to: general and global economic and regulatory changes; next steps and timely execution of the Company's business plans; the development of technology, supply chains, and plans for construction and operation of cathode production facilities; successful current or future collaborations that may happen with OEM's, miners or others; the execution of the Company's plans which are contingent on capital sources; the Company's ability to achieve its stated goals; the commercialization of the Company's technology and patents via license, joint venture and independent production; anticipated global demand and projected growth for LFP batteries; and other risk factors as identified in Nano One's MD&A and its Annual Information Form dated March 25, 2025, both for the year ended December 31, 2024, and in recent securities filings for the Company which are available at www.sedarplus.ca. Although management of the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements or forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements and forward-looking information. The Company does not undertake any obligation to update any forward-looking statements or forward-looking information that is incorporated by reference herein, except as required by applicable securities laws. Investors should not place undue reliance on forward-looking statements.