

Nano One Materials Corp.

May 23, 2025

TSX: NANO | FF: LBMB | OTC: NNOMF

Corporate Presentation
Presented By



Dan Blondal
CEO, Director & Founder



Anthony Tse
Chair of the Board of Directors



Alex Holmes
Chief Operating Officer



Carlo Valente
Chief Financial Officer

Annual General Meeting of Shareholders

Disclaimers

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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, statements with respect to expected demand for LFP, competitive conditions, current and future collaborations, the Company's ability to achieve its stated goals, financing endeavours, technical progress and the commercialization of Nano One's technology and patents. Generally, forward-looking information can be identified by the use of forward-looking terminology such as "expects" or "plans", or variations of such words and phrases or statements that certain actions, events or results "will" or "may" occur. Forward-looking statements are based on the opinions and estimates of management as of the date such statements are made and they are subject to known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of Nano One to be materially different from those expressed or implied by such forward-looking statements or forward-looking information, including: target markets, target cost-reductions, target partners, capital expenditures, raw material and other costs, financing and additional capital requirements, the development of technology, supply chains, and plans for construction and operation of cathode production facilities, the functions and intended benefits of Nano One's technology and products, the commercialization of the Company's technology and patents and potential revenues which would reasonably expected to come from such activities, and other risk factors as identified in Nano One's MD&A and its Annual Information Form dated March 27, 2024, both for the year ended December 31, 2023, and in recent securities filings for the Company which are available at www.sedarplus.ca. Although management of Nano One 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. Accordingly, readers should not place undue reliance on forward-looking statements and forward-looking information. Nano One does not intend, and does not assume any obligation, to update any forward-looking statements or forward-looking information that are incorporated herein, except as required by applicable securities laws.

The Global bottleneck is in Cathodes

between mining and batteries where we **refine & transform** the critical minerals

Mine Refine

Process

Assemble Apply

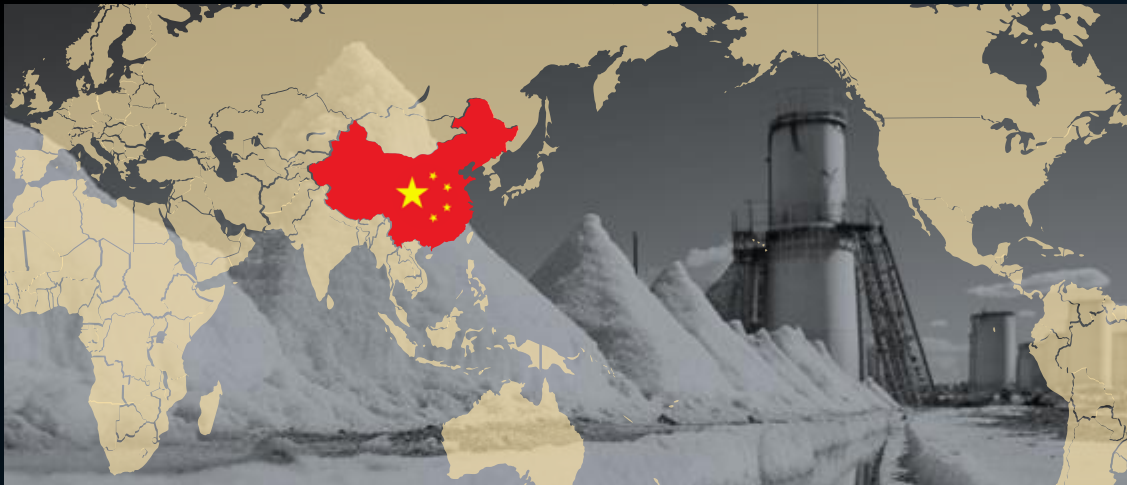
Cathodes



China Controls LFP Production and Supply Chain

The Challenge

China Controls LFP Production and Supply Chain



Abundant low-cost source of iron sulfate from tailings

Lax regulation of sulfate handling and wastewater

Vertical integration drives down cost

Economies of scale and large capacity

Widespread industrial knowhow

Low-cost equipment

Export controls on process technology

onePot⁺ LFP Solution

Nano One is Innovating and NOT Replicating



Qualify local sources of iron

ZERO wastewater & sulfate

Integrate pCAM with CAM

Design One, Build Many

Only LFP plant outside Asia

Leverage global partners

48 patents and 50+ pending

Eliminate bottleneck

Easier-to-Permit

↓ Cost, Energy, Water

Deploy and scale rapidly

Expertise in place

Low-cost procurement

Technology independence

CAM package

One-Pot™ Licensing for Rapid Global Scaling



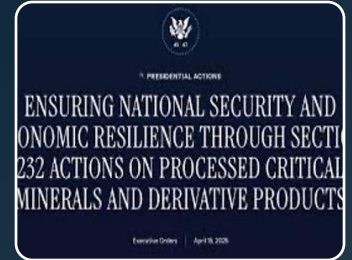
- Eliminate waste & custom engineering
- Reduce cost, risk, time to FID & permits
- Accelerate adoption, learning, training & time to market
- Demo in Candiac Québec
- Flexible siting, modular and scalable
- Address ESS & EV sectors globally

Flexible Licensing Packages

- ✓ One-Pot enabled
- ✓ Key Proprietary Equipment
- ✓ IP Rights
- ✓ Plant Layout
- ✓ Modular 12.5ktpa line
- ✓ Detailed Process Design

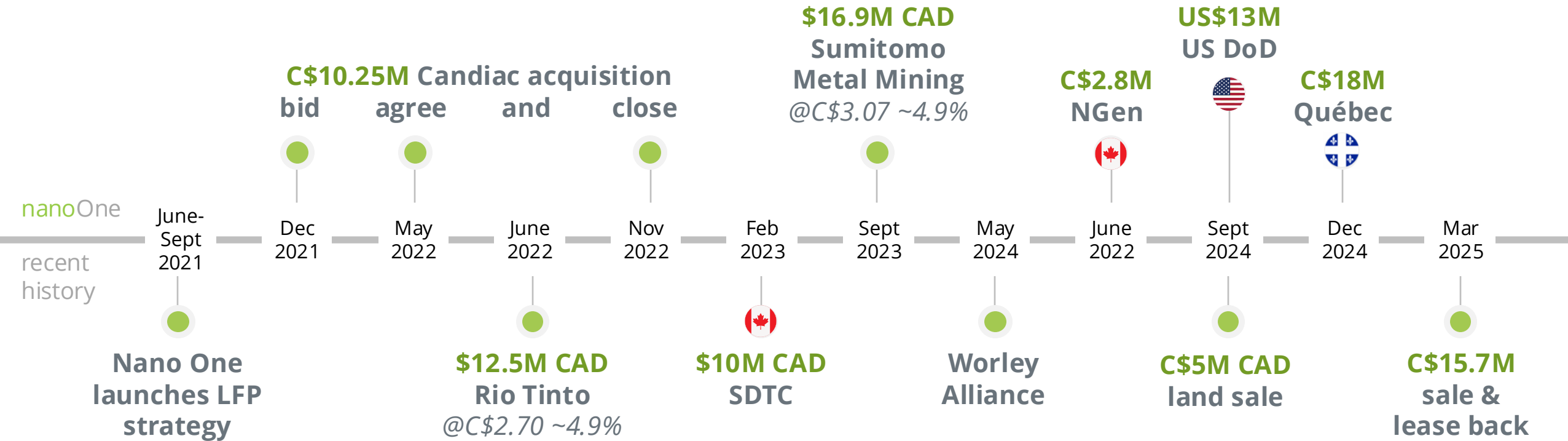
2025 Catalysts — In Motion

- **Finance** - \$12.75M in gov funding drawn (more in process)
- **Non-Dilutive Capital** - \$60M+ secured in the last 9 months
- **Capacity Expansion** - Engineering advancing 1000+ tpa
- **LFP Sales** - Samples in validation for ESS, auto, defense
- **CAM Package** - Three distinct packages developed
- **Licensing** - Discussions in-progress
- **One-Pot Equipment** - Reactor & kiln design started (NGen support)
- **Supply Chain** - Regional feedstock diversification ongoing
- **Innovation** - M2CAM® and IP work in progress. 48 patents and 50+ pending
- **Government Policy** - Strong policy alignment & engagement: US, Canada, EU



4-Year Milestones

Proactive. Funded. Focused.

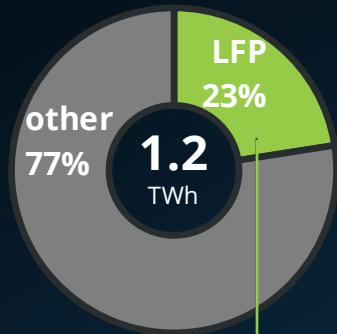


better than ever Cathode Market Forecast

This is how the analysts
were thinking in 2021

2025

BNEF forecast '21

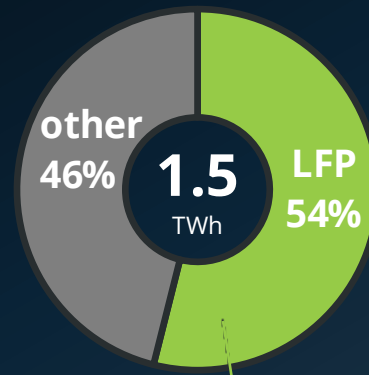


China	131 GWh (49%)
RoW	139 GWh (51%)
EV	220 GWh (81%)
BESS	50 GWh (19%)

now their forecasts
are up by +25%

2025

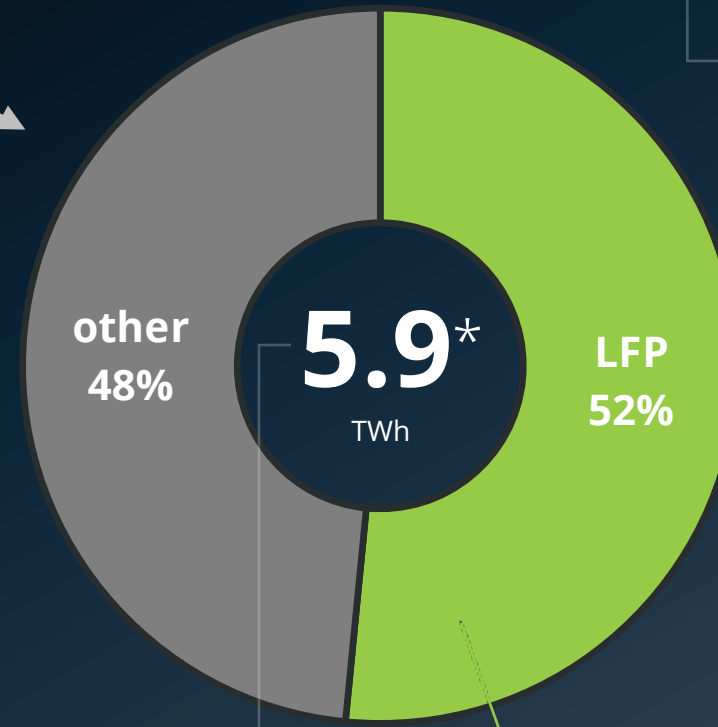
BNEF forecast '24



China	407 GWh (50%)
RoW	404 GWh (50%)
EV	649 GWh (80%)
BESS	162 GWh (20%)

2035

BNEF forecast '24



98 million EVs
(@ 60KWh / EV), or



enough to power
every home, business
and industry in
Canada for 4 days

China	928 GWh (31%)
RoW	2109 GWh (69%)
EV	2297 GWh (76%)
BESS	741 GWh (24%)

Revised LFP Forecast

2.9X original
forecast

2.4X EVs

7.6X BESS



TSX: NANO

Changing How the World Makes Battery Materials

Question & Answer

Facilitated By: **Robin Sweeny**
Director Programs & New Product Introduction



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