



Changing How the World Makes **Battery Materials**

Lower Cost

Easier-to-Permit

Simplified Process

Supply Chain Resilient

Modular & Scalable

Disclaimers

TSX: NANO | FF: LBMB | OTCQB: NNOMF

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500+ Years Cathode Experience

Executive, Investor and Business Leaders



Alex Holmes
CEO



Denis Geoffroy
COO



Carlo Valente
CFO



Adam Johnson
SVP, External Affairs



Kelli Forster
SVP,
People & Culture



Dr. Guoxian Liang
SVP,
Technology



Andrew Muckstadt
VP, Business
Development



Jason Zandberg
Director,
Capital Markets



Aleem Ladak
Director, Corporate
Development

Board of Directors



Anthony Tse
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Alex Holmes
CEO



Lisa Skakun
Director



Carla Matheson
Director



Dr. Joseph Guy
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Advisors



**Dan
Blondal**



**Robert
Morris**



**Dr. Yuan
Gao**



**Joe
Lowry**



**Hon. Frank
Fannon**



**Donghui
Han**

TSX: NANO

Nano One Materials

A Canadian process technology company producing **LFP cathode active materials**—the critical processing layer between mined & refined minerals and lithium-ion batteries. Our **patented One-Pot™ process** is being commercialized through two revenue channels.

Business Model

Direct Sales—Defence

Produced at our Québec facility, supplying defence contractors across NATO nations.
Active validation work underway

Technology Licensing & Joint Ventures—BESS & EV

Capital-light licensing and JV model for large-volume production serving battery energy storage systems (BESS) and electric vehicle (EV) markets.
Design-One-Build-Many alliance with Worley & Nano One direct-to-customer.

The Opportunity¹

\$40B serviceable addressable market in LFP cathode active materials.
5x projected demand growth outside China next 10 years.

Backed By

Sumitomo Metal Mining & Rio Tinto · Government of Canada, Québec and U.S.

Key Shareholders

Rio Tinto, Sumitomo, US Global
RobecoSam, Schroders

Analyst Coverage

Roth Capital, Maxim Group



Share Price:	C\$0.67*
Market Cap:	C\$80.25M*
Common Outstanding:	119.78M**
Fully Diluted:	133.2M**
Working Capital:	~C\$22.3M***
Undrawn Funds:	~C\$24.0M**

* As of July 17, 2026, ** As of May 14, 2026,
*** As of Mar 31, 2026



¹ BloombergNEF, *Lithium-Ion Batteries: State of the Industry 2024*.

Investment Highlights

A platform built on a portfolio of process technology patents enabling **cost-effective onshoring** of **critical battery materials**.

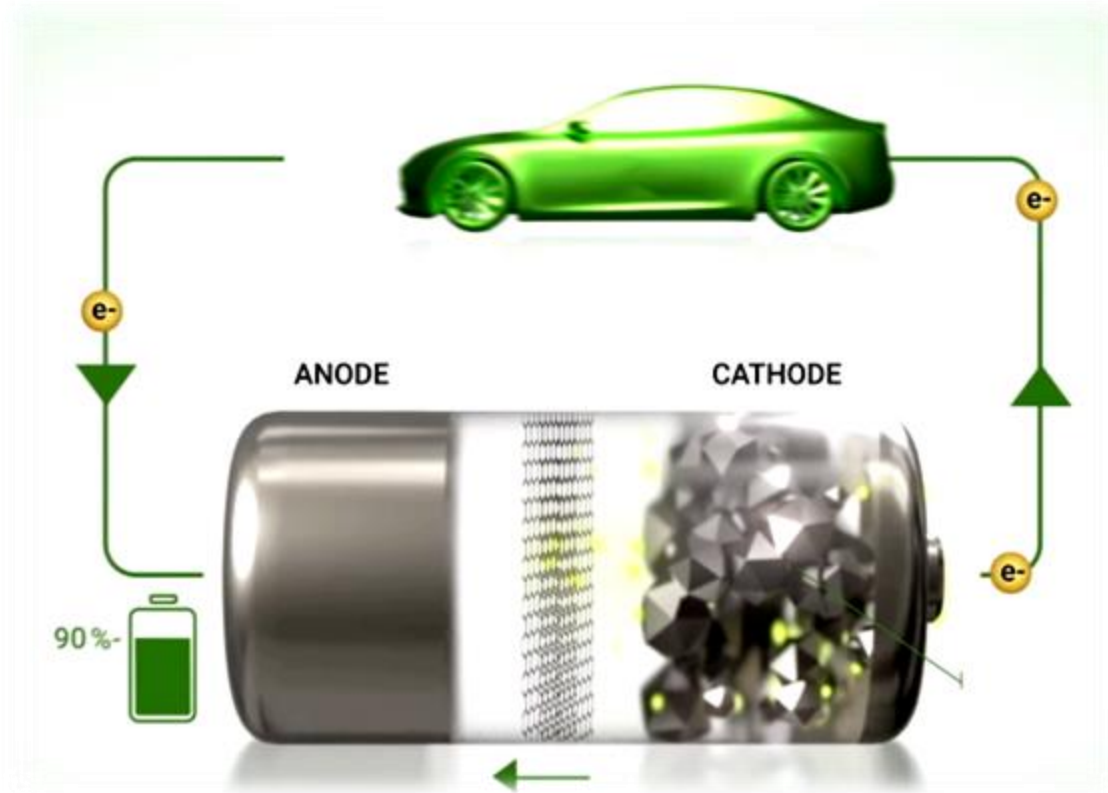
- 1. Scalable, Capital-Efficient Business Model**
Licensing-led platform with royalty model economics.
- 2. Validation through Strategic Partners**
De-risked pathway supported by Tier-1 industrial collaborators.
- 3. Transition from Pre-revenue to Commercial**
Initial revenues from product sales—licensing and royalty revenues to follow.



EXISTING PLANT
DESIGNED TO SCALE
DECADES OF LFP PRODUCTION EXPERIENCE

nanoOne
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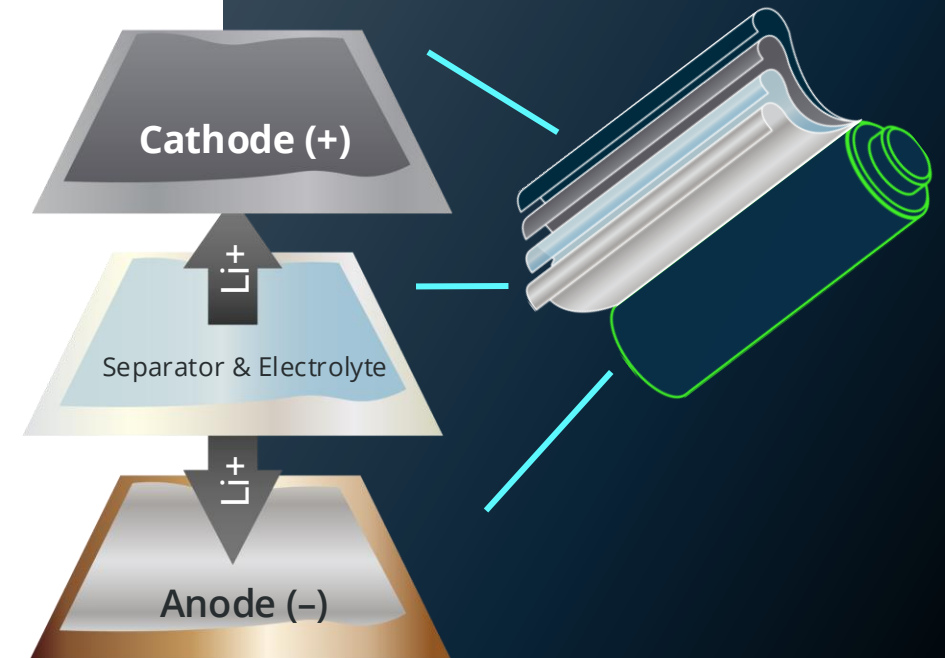
How Lithium-Ion Batteries Work



Charging moves lithium ions from the cathode through the electrolyte to the anode.

Energy is generated when lithium ions move from the anode to the cathode.

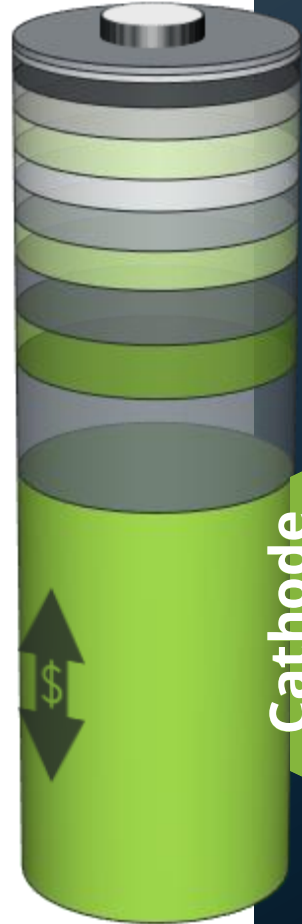
COMPONENTS



Cathodes Drive ~40-60% of a Battery's Total Cost¹

±15% due to variations
in raw material costs.

Electrolyte
Separator
& Other
Anode



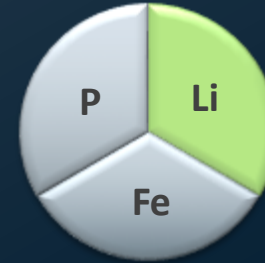
Cathode

Cathodes 101

Cathode Active Material (CAM)

- Key to energy density, durability, power output, and efficiency.
- Most complex, costly, energy, and environmentally-intensive component.

LFP
LMFP



↑ Durability ↑ Safety ↓ \$

LFP Pack Density ≈ NMC

Mass Market EV, ESS, Industrial
70-80% Market Share in China²

NMC

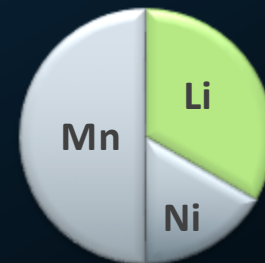


↑ Density ↓ Durability ↑ \$

Luxury Long Range EV

Various Types (622, 811, 955 etc.)

LMN



↓ Density ↑ Voltage ↑ Charge

Next-Gen Chemistry - Niche

¹ BloombergNEF, 2021 Battery Price Survey.

² Shanghai Metal Market, "LFP Growth Continues: Lithium Carbonate Remains Key Price Driver."

Global Battery Bottleneck: Cathodes

 **~98%**
**Global LFP Cathodes
Produced in China¹**

China also holds a near monopoly on precursor cathode active material (pCAM)—with shares above 95%²

China Tightens Control On Battery Technology Exports

New restrictions cover LFP processing technologies, know-how, and related manufacturing equipment.

US Restricts Prohibited Foreign Entities

Provides up to US\$35/kWh in battery cell manufacturing tax credits, subject to new Prohibited Foreign Entity rules limiting reliance on China-linked entities over time.

G7 Has Pledged Supply-chain Diversification

Increased coordination under the Critical Minerals Action Plan.

Canada-Germany and EU-Canada

Agreements specifically recognise midstream processing capacity as a strategic priority.




Mine Critical Minerals


Refine & Purify


**Process
into
Cathodes**


Assemble Cells


Assemble Packs

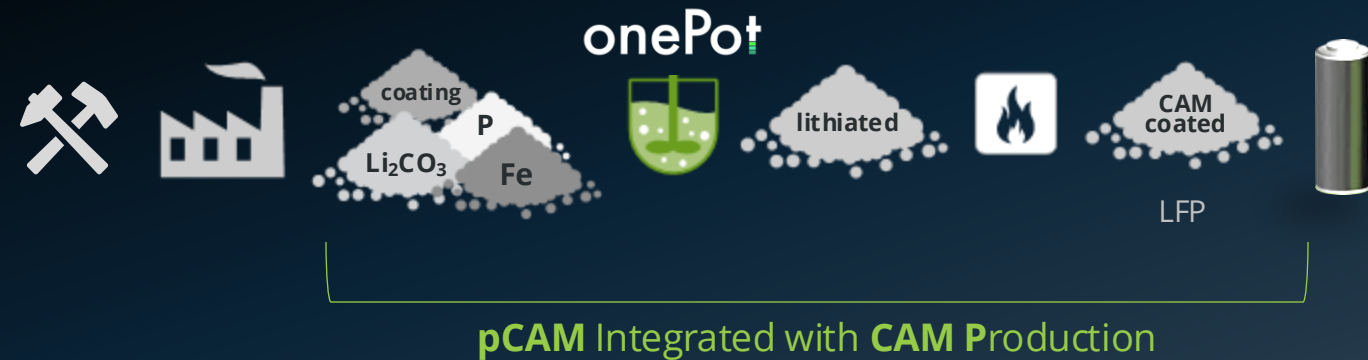

Integrate & Apply


Re-Use & Re-Cycle

onePot⁺ Process

PCAM, CAM & Coating Combined

59 Patents Granted³ + 47 Pending



Cost-Competitive¹ & Greener²

- UP TO 30% ↓ OPEX AT LEAST 30% ↓ CAPEX
- ↓ 80% LESS ENERGY
- ∅ SODIUM SULPHATE WASTEWATER
- ↓ 50-60% GHGS
- ↓ 80% WATER USAGE
- ↑ SUPPLY CHAIN DIVERSIFICATION
- MODULAR – EASIER TO PERMIT, BUILD & OPERATE

See How It Works



¹ Cost Comparison – <https://nanoone.ca/news/nano-one-provides-progress-update-on-its-alliance-with-worley-and-cost-comparison-demonstrating-the-case-for-one-pot-enabled-lfp-cathode-production/>

² Independent Life-Cycle Analysis – <https://nanoone.ca/news/nano-one-could-reduce-ghgs-by-up-to-60-for-nmc-50-for-lfp-and-reduce-water-use-by-up-to-80/>

³ <https://nanoone.ca/news/nano-one-successfully-commissions-proprietary-agitator-equipment-boosting-throughput-capacity-at-candiac/>

Standard Process

PCAM, CAM & Coating Separate



pCAM (precursor CAM)

midstream chokepoint

~98% China

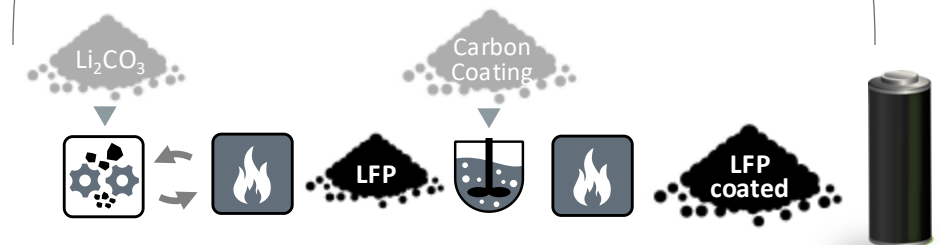


Sulfate byproduct*

discharged as waste or treatment

*Sodium sulfate / ammonium sulfate byproduct

CAM (Cathode Active Material)



Global Cathode Chemistry Market Demand Forecast¹

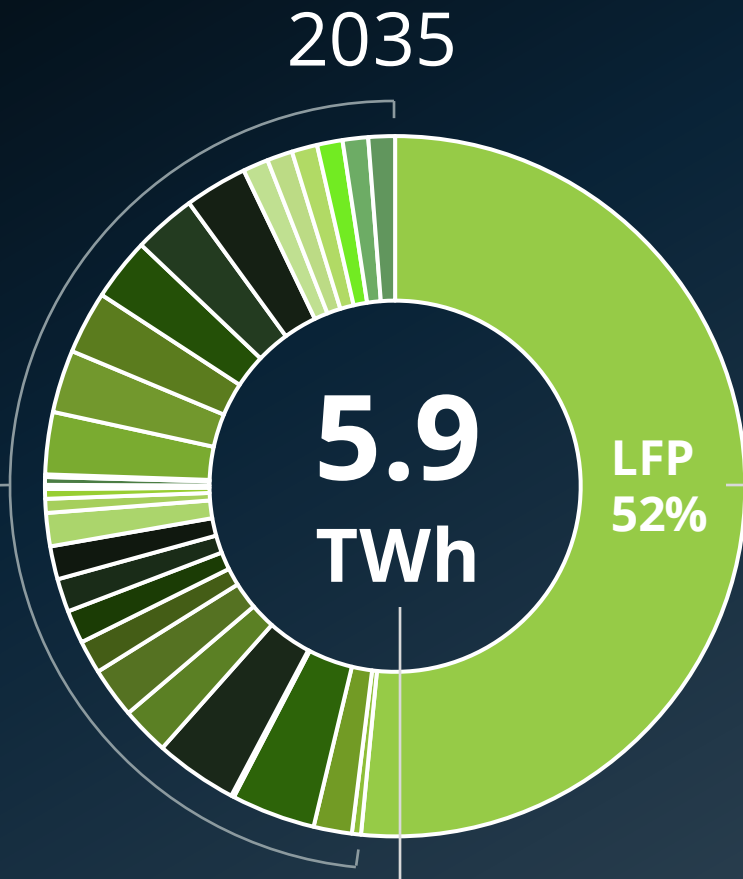
¹ Derived from Bloomberg NEF Lithium-Ion Batteries: State of the Industry 2024

20+ variations⁴ of NCM, NCA, NCMA, LMR, LNM, LMFP, Na-ion, etc

Average market size **2.5%** (~150 GWh)

New formulations of LMFP, LMR and NM(CA) will further bifurcate markets by 2035

All Other CAM



2.1 TWh

\$40 B/yr

20X

ROW (exPRC)
4.2 mtpa LFP
168 \$½B plants
35 million EVs

Addressable Market

Economy of Scale



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



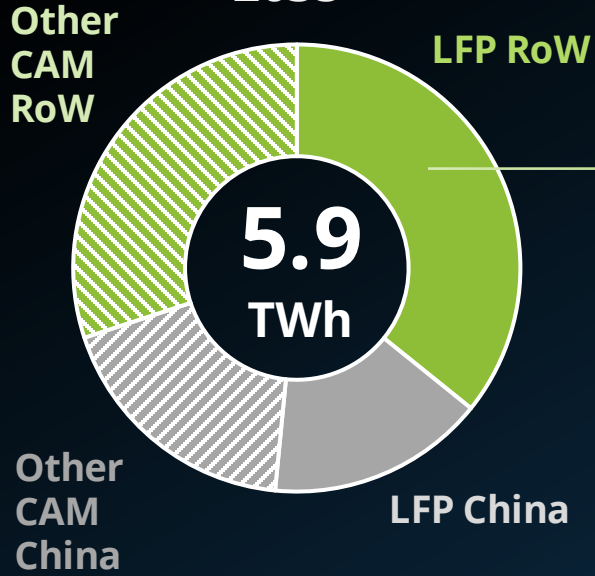
enough to supply every home, business and industry in California for 8 days¹, Canada for 4 days², or Texas for 4 days³,

¹ California Energy Commission, 769 GWh/day electricity demand ² Statistics Canada, 1.54 TWh/day electricity demand.

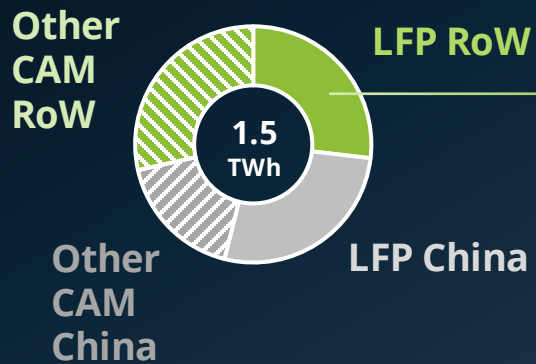
³U.S. Energy Information Administration, State Energy Data System, 492 TWh/year ⁴NMC = Lithium Nickel Manganese Cobalt Oxide, NCA = Lithium Nickel Cobalt Aluminum Oxide, NCMA = Lithium Nickel Cobalt Manganese Aluminum Oxide, LMR = Lithium Manganese Rich NMC, LNM = Lithium Nickel Manganese Oxide (Manganese Rich Spinel), LMFP = Lithium Manganese Iron Phosphate, Na-ion = Sodium ion

Cathode Market Demand Forecast¹

2035

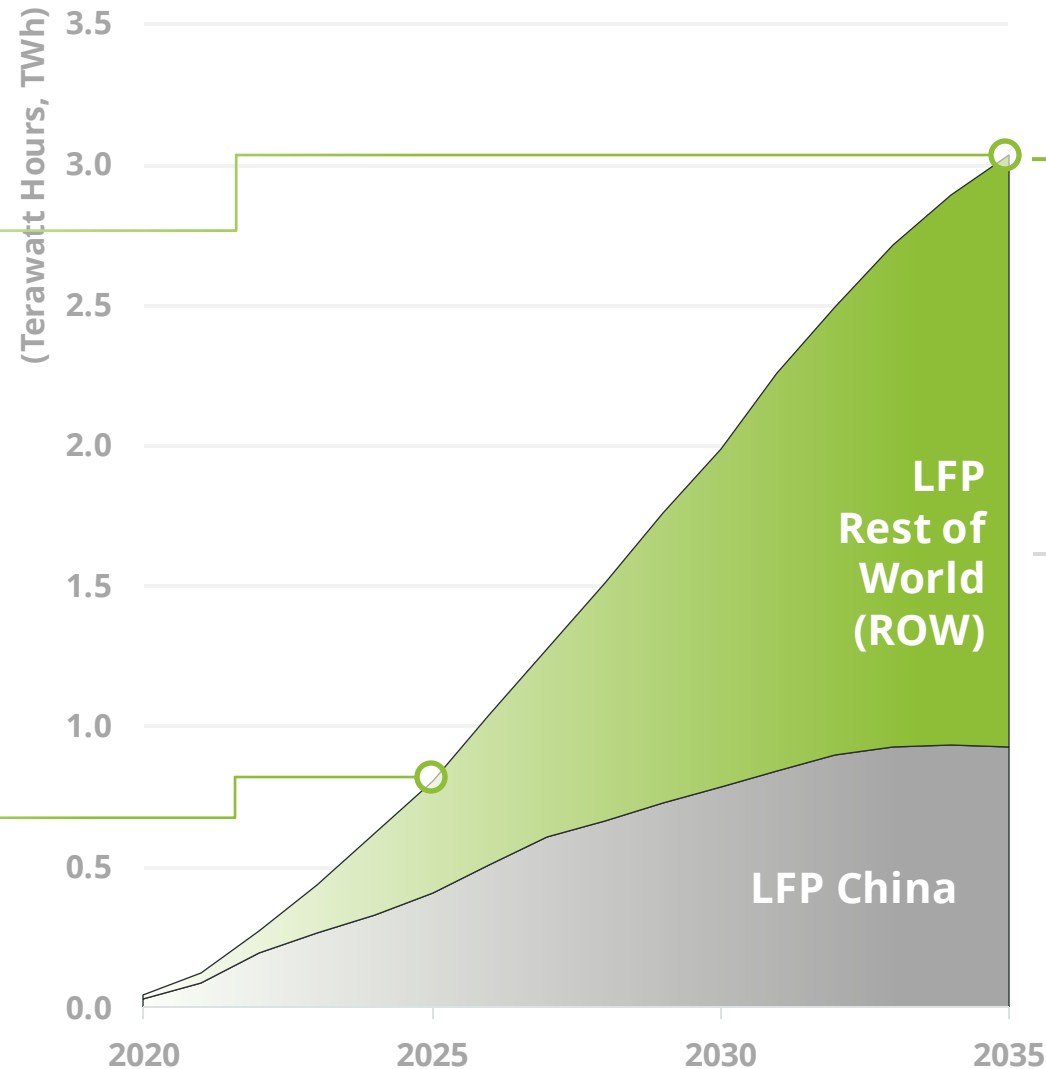


2025



LFP Demand Market Forecast¹

Mass Adoption is Clear



3X

higher than
forecasted^{1,2}
in 2021

5X

RoW Growth from 2025-35
Driven by ↑ AI ↑ BESS ↑ EV

2.1 TWh

4.2 mtpa LFP
168 \$½B plants
35 million EVs

\$40B/yr

Serviceable
Addressable
Market (SAM)

¹ Bloomberg NEF Lithium-Ion Batteries: State of the Industry 2024

² Bloomberg NEF Long Term Electric Vehicle Outlook 2022

G7 Defence Spending Is Accelerating

Every G7 country reported material increases in defence spending from 2021 to 2025—**directly funding the critical-minerals supply chains Nano One participates in.**

DEFENCE SPENDING GROWTH, 2021 → 2025e (USD)



NATO GDP TARGET

5% of GDP

TARGET BY 2035, MORE THAN DOUBLE THE PRIOR 2% BENCHMARK — NATO'S 2025 HAGUE SUMMIT

GLOBAL DEFENCE OUTLAYS

\$2.9T

WORLDWIDE 2025 SPEND, A RECORD HIGH — CORE NATO OUTLAYS ALONE ARE ON TRACK FOR ~63% REAL GROWTH BY 2035

Where the spending flows: the global military battery & energy-storage market is projected to grow from ~\$2.3B (2025) to ~\$3.0B by 2030 as forces electrify vehicles, drones, and soldier systems—reinforcing Western demand for the LFP cell chemistries Nano One produces.

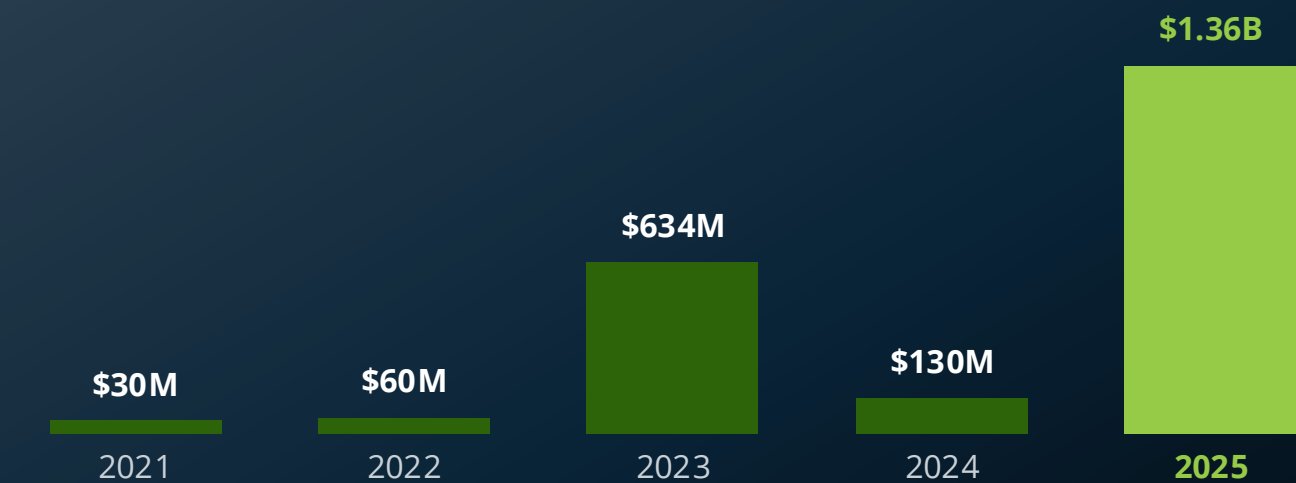
Sources: NATO Defence Expenditure Estimates (2021–2025e, USD Basis); NATO Hague Summit Declaration, 2025; Trends in World Military Expenditure, 2025 (SIPRI 2026); Mordor Intelligence, Military Battery Market Report

Defence & Critical-Minerals Spending

Government capital is pouring into allied critical-mineral and battery supply chains.



U.S. DoD CRITICAL-MINERALS AWARDS BY YEAR (\$M)



ALREADY FUNDED

\$12.9M

U.S. DoD Award to Nano One Materials (TSX: NANO)
DPA Title III (DPAI) · Sept 2024 · LFP Cathode Active Materials · Candiac, QC & Burnaby, BC

Source: U.S. & Canada government and company disclosures.

Military Electrification is a Multi-Decade Demand Driver

MILITARY BATTERIES MARKET FORECAST, 2025 → 2034 (USD)



Global Military Battery Market Forecast

9.3% CAGR

FORTUNE BUSINESS INSIGHTS FORECAST MILITARY BATTERY MARKET WILL GROW TO US\$5.2B BY 2034

MILITARY BATTERY APPLICATIONS:

- Unmanned Aerial Systems
- Autonomous Ground Vehicles
- Soldier Power Systems
- Portable Energy Systems
- Hybrid Military Vehicles
- Microgrids For Forward Operating Bases

The increase in Defence spending from 2% GDP to 5% GDP represents one of the largest defence investment cycles in decades.

Sources: NATO Hague Summit Declaration, 2025; Fortune Business Insights

U.S. Demand for LFP

Nano One's One-Pot™ process, enables a FEOC-free pathway from a U.S. resource to finished CAM.

Stage Set for Localization

Policy Measures Having an Impact – (45x Requires Action to Be Effective)

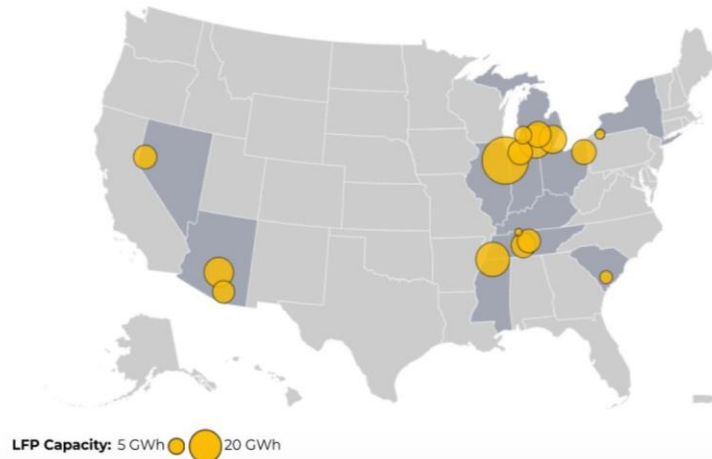
Demand is Here

290 GWh of North American cell capacity has been reallocated to LFP—over 600 KTPA of LFP CAM demand by 2030, with almost no domestic production announced.

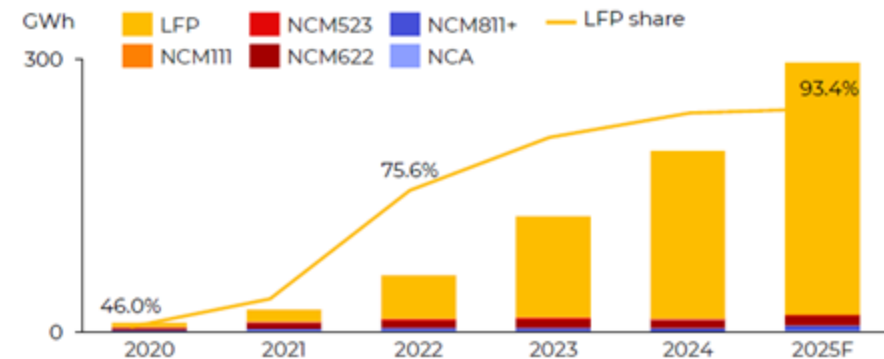
Supply is Controlled Offshore

China holds 60–70% of LFP cell production, 98% of LFP CAM production, and more than 95% of iron-phosphate pCAM production—a major chokepoint that this funding call is designed to break.

290 GWh Planned LFP Cells 2030 Pipeline



Energy Storage Forecasted to Be ~90% LFP (2025F)



Facilities—Located in Canada



Commercialization Hub

80,000 sf | **Québec, Canada**

Full Scale LFP Plant & 15 Years Manufacturing Expertise
expansion Target → 800+ Tpa

- ✓ Derisk In Full Scale Production Equipment
- ✓ Optimize & Train Licensees & Partners
- ✓ Produce & Plant Qualification
- ✓ Drive Offtake For Production & Licensees
- ✓ Direct Sales For Strategic Defence Applications



Innovation Hub

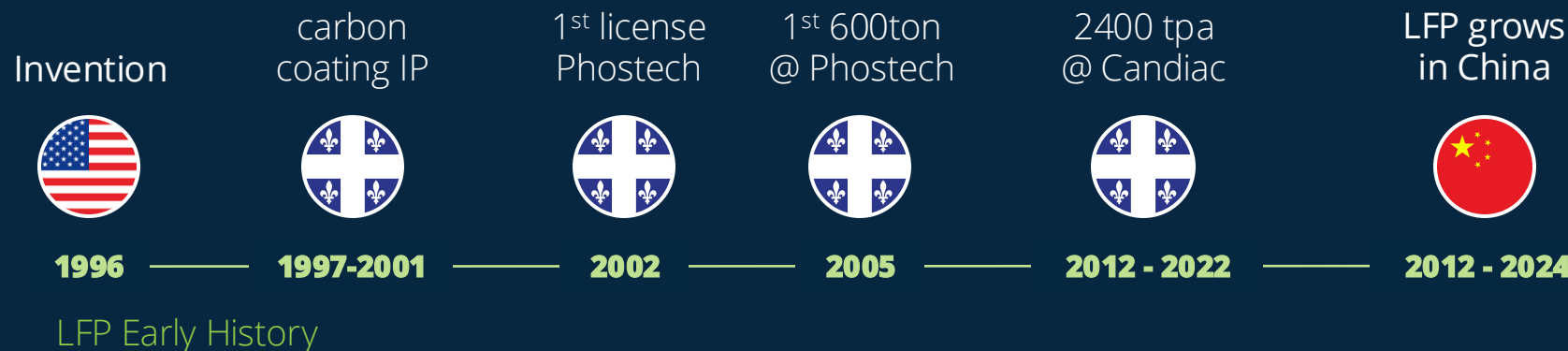
25,000 sf | **BC, Canada**

LFP, NMC, LNMO & Other CAM
59 Patents Granted & 47+ Pending

- ✓ Ideate & Conceptualize
- ✓ Prove & Validate
- ✓ Develop & Evaluate

4-Year Milestones

Proactive. Funded. Focused.



June
Sept
2021

Launch
LFP
Strategy

C\$10.25M Acquire Candiac

Agree

May
2022

RioTinto

\$12.5M CAD
@C\$2.70 ~4.9%

June
2022

Close

Nov
2022



C\$10M

SDTC

Feb
2023

**SUMITOMO
METAL MINING**

C\$16.9M
@C\$3.07 ~4.9%

Sept
2023

**worley
chemetics**

Licensing Alliance

May
2024



C\$2.8M

NGen

Aug
2024



US\$13M

US DoD

Sept
2024

C\$5M
Land Sale



C\$18M

Québec

Dec
2024

C\$15.7M
Sale / Lease Back

Mar
2025



C\$5M

NRCan

Oct
2025



C\$3M

NRCan

Mar
2026



C\$4.3M

NRCan

Apr
2026

Rapid Global Scaling & License Model

- Modular, scalable, and globally deployable.
- Eliminates waste and is easier to site and permit.
- Leverages existing pilot and demonstration facilities with less capital at risk.



Proven Technology Track Record (Worley Platforms)

Chemetics: 60+ Years | ~40% Global Share in Sulfuric Acid Technology
Comprimo: 100+ Years | ~60% Share in Sour Gas Treatment
Trusted by Global Operators (e.g., Exxon, Aramco)

Existing Pilot & Demo Facility (Candiac)



ACCELERATES FIRST REVENUES, INVESTMENT DECISION (FID),
ADOPTION, OFFTAKE, TIME-TO-MARKET, AND TRAINING



Growth Via Licensing

- IP Rights
- Key Proprietary Equipment
- Detailed Process Design
- Modular 25 ktpa Plants with Two Lines Each
- Detailed Process Design
- Customizable Support & Continuous Innovation
- Global Engineering Alliance with Worley
- **Upfront Fee + Royalty Stream**

Paths to Revenue¹

Licensing

Revenue	Direct Sales	Dev Project (JV Model)	Technology Licensing
<i>Description</i>	• Candiac Facility • Small volumes Defense & ESS (Canada – US - EU) • First revenues add working capital & limits dilution • Key targets in qualification	• Multi tonne offtake samples from Candiac in 2026, B/C samples • Production targets in Canada, Europe, Indo-Pacific, and/or USA • SPV w/ Nano as tech/development partner for minority stake	• Design Once Build Many • Pre-sales package in place. • CAM packages or license only • Co-market & license w/ Worley • Focus on Indo-Pacific & USA.
<i>One Time Revenue</i>		✓ License Fee ✓ Pre-FID support ✓ Operator Training ✓ Post SOP support	✓ CAM package or license fee ✓ Pre-FID support ✓ Operator Training ✓ Post SOP support
<i>Recurring Revenue</i>	✓ sales revenue	✓ Production royalty ✓ optional O&M services ✓ optional Innovation as a Service	✓ Production royalty ✓ optional O&M services ✓ optional Innovation as a Service

¹ This table is intended to illustrate how Nano One's anticipated three revenue streams (product sales, joint venture, and technology licensing revenues) are designed to scale in parallel, aligned with the expected needs of different market segments. The Company is not currently able to provide guidance on the timing or quantum of fees or revenues, if any, from any of the anticipated streams.

2025-26 Catalysts—In Motion



Finance - \$28.2M in Gov Funding Drawn in 2025 and 2026 (More in Process)



Non-Dilutive Capital - \$57M in Active Funding Programs



CAM Package – Three Distinct Packages



One-Pot Equipment – Proprietary Agitator Design & Reactor Design (NGen Support)



Government Policy - Strong Policy Alignment & Engagement: US, Canada, EU



Partners - Advanced Partnership Announcement: SMM and Rio Tinto



Capacity Expansion – Stage 1 @ 800 TPA and Stage 2 @ 1000+ TPA



LFP Sales - Samples in Validation for Defense, ESS, Auto



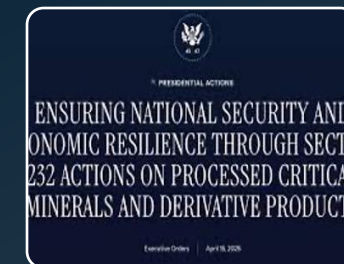
Licensing – Discussions In-Progress



Supply Chain - Regional Feedstock Diversification Ongoing



Innovation - M2CAM® and IP Work in Progress. 59 Patents and 47+ Pending



Executive Summary

Growth through Technology Licensing—59 Patents Granted, 47+ Pending

- **High margin potential EBITDA**—Capital light, upfront license fees, production royalty streams, rapid expansion and growth, potential JVs
- **Demo plant in Québec** derisks and supports licensees with production, offtake, training & continuous improvement
- + production revenues from Demo facility brings in non-dilutive working capital while licensing revenues ramp up

Licensing Alliance with Worley

- Co-develop, market and license modular LFP plants with Worley (*Au\$8 billion, **world's largest battery materials engineering firm***)
- Leverage global sales & marketing platform geared to sell One-Pot enabled production lines for **rapid industrialization**
- *Design-One-Build-Many* to tackle scale up needs and **\$40B+ LFP market opportunity**, followed by NMC & next gen materials.

Industry Validation

- **Sumitomo Metal Mining** – Japan's largest NMC and LFP producer - **~5% equity stake** & strategic focus on **commercial LFP**
- **Rio Tinto** – **~5% equity stake** + strategic supply chain collaboration. Lithium and iron feedstock

Manufacturing Advantage & Value Proposition

- **Leverages existing plant and decades of commercial lithium-iron phosphate (LFP) manufacturing experience** – first to commercialize LFP (2005) with experience supplying tier 1 automotive cell manufacturers.
- 30% less OPEX and CAPEX¹, 80% less energy², zero waste², modular and easier-to-permit & no ties to China supply or tech.
- Tech and licensing **supports supply chain, energy, national security interests** in wide range of jurisdictions.

Government Support

- US DoD (US\$12.9M), Québec (C\$18M), NGen (C\$2.8M), NRCan (C\$9.3M) for commercial capacity expansion of Candiac Demo facility.

¹ Cost Comparison – <https://nanoone.ca/news/nano-one-provides-progress-update-on-its-alliance-with-worley-and-cost-comparison-demonstrating-the-case-for-one-pot-enabled-lfp-cathode-production/>

² Independent Life-Cycle Analysis – <https://nanoone.ca/news/nano-one-could-reduce-ghgs-by-up-to-60-for-nmc-50-for-lfp-and-reduce-water-use-by-up-to-80/>



nanoOne
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TSX: NANO

Changing How the World Makes Battery Materials

Question & Answer

