

Nano One Corporate Presentation

Nano One Materials Corp.

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



Dan Blondal
CEO, Founder & Director



Alex Holmes
COO



Denis Geoffroy
CCO



Carlo Valente
CFO



Adam Johnson
SVP, External Affairs



Kelli Forster
SVP, People & Culture



Dr. Guoxian Liang
SVP, Technology



Andrew Muckstadt
VP, Business Development

Board of Directors



Anthony Tse
Chair



Dan Blondal
CEO, Founder & Director



Lisa Skakun
Director



Carla Matheson
Director



Dr. Joseph Guy
Director

Advisors



Robert Morris



Dr. Yuan Gao



Joe Lowry



Hon. Frank Fannon



Donghui Han



Existing plant



Decades of LFP production experience



Designed to Scale



OBBA-Ready

Targeting \$40B¹ in LFP Demand

Nano One Materials Corp. (TSX: NANO) is a Canadian technology company and its One-Pot™ process is **changing** how the world makes **cathode active materials** for lithium-ion batteries.



Sustainable Advantage

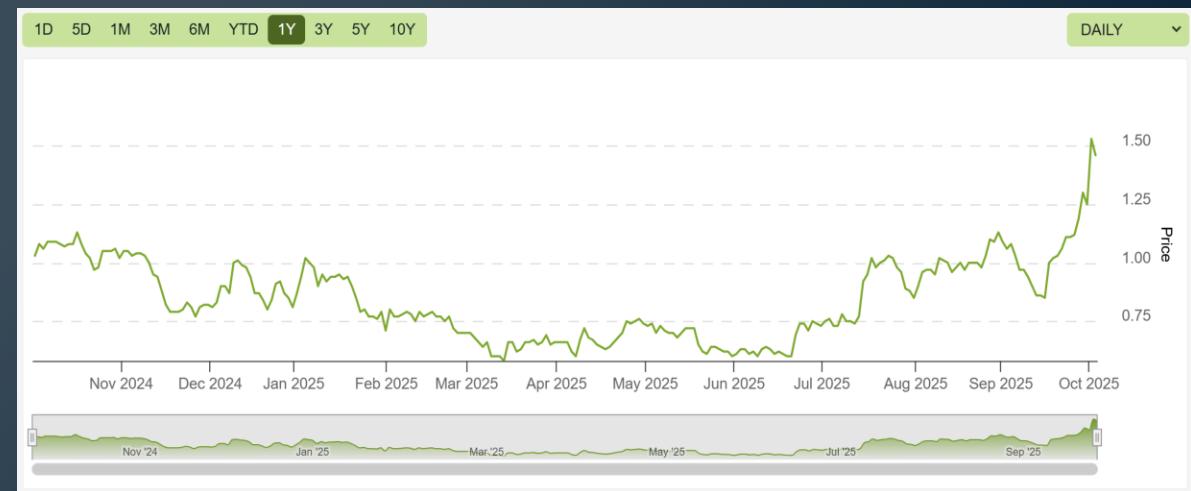
- Integrates precursor and cathode production
- Leverages existing plant, deep expertise, IP & tech
- Eliminates waste and reliance on China supply chains
- Easier-to-permit, cost competitive, less energy & water



Capital Light Licensing Model

- Modular plant design is primed for scale and growth
- High margin, recurring royalty stream
- Drives strong balance sheet and long-term value
- Development projects be taken to FID and spun-out
- Wide scale licensing key to changing supply chains

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



Share Price:

C\$1.05*

Market Cap:

C\$125M*

Common Outstanding:

118,640,646*

Fully Diluted:

130,765,096*

Working Capital:

~C\$16.5M**

Non-Dilutive Access:

~C\$29M**

Key Shareholders:

**Rio Tinto, Sumitomo, US Global
RobecoSam, Schroders**

Analyst Coverage:

Roth Capital, Maxim Group

* As of Jan 26, 2026

** As of Sept 30, 2025

Shareholder Value

1

Scalable Business Model

Licensing-based business model offering high-margin royalty revenue stream.

2

Strategic Partnerships and Validation

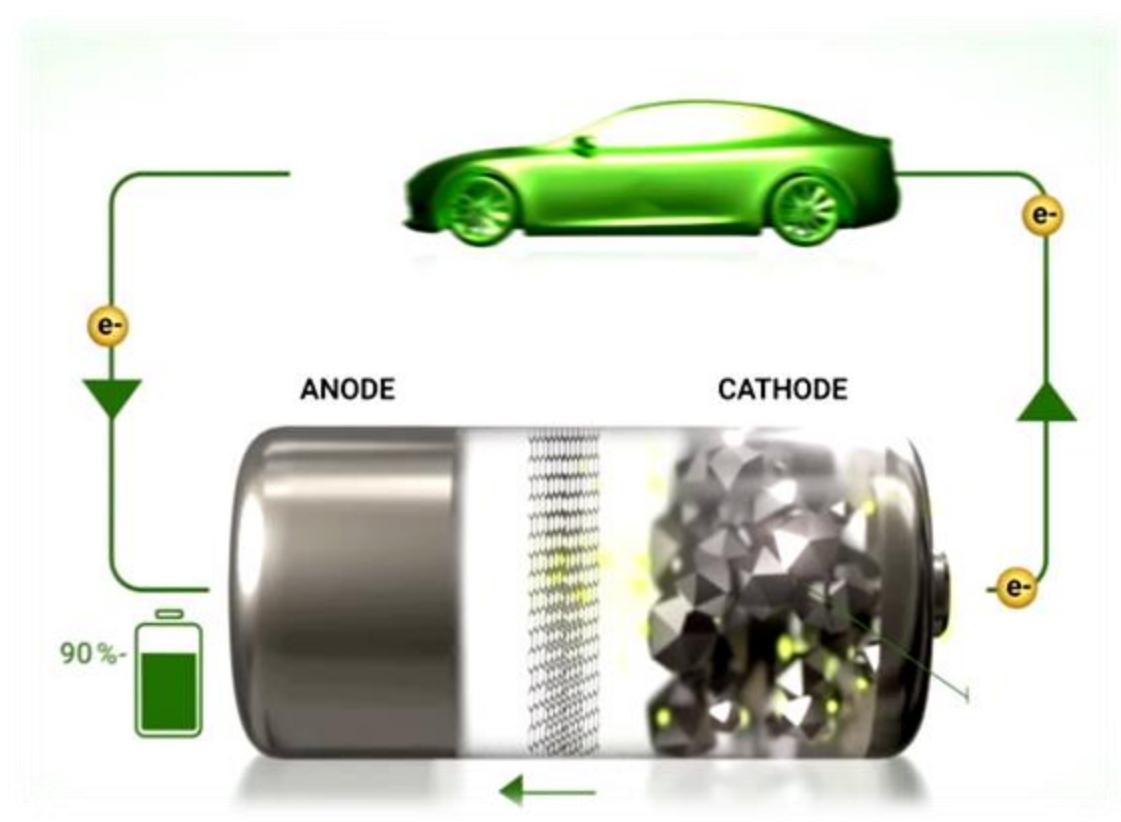
Collaborations with Rio Tinto, Sumitomo Metal Mining, and Worley de-risks commercialization and enhances ability to penetrate the EV, ESS and Defense markets.

3

Transition from Pre-revenue to Commercial

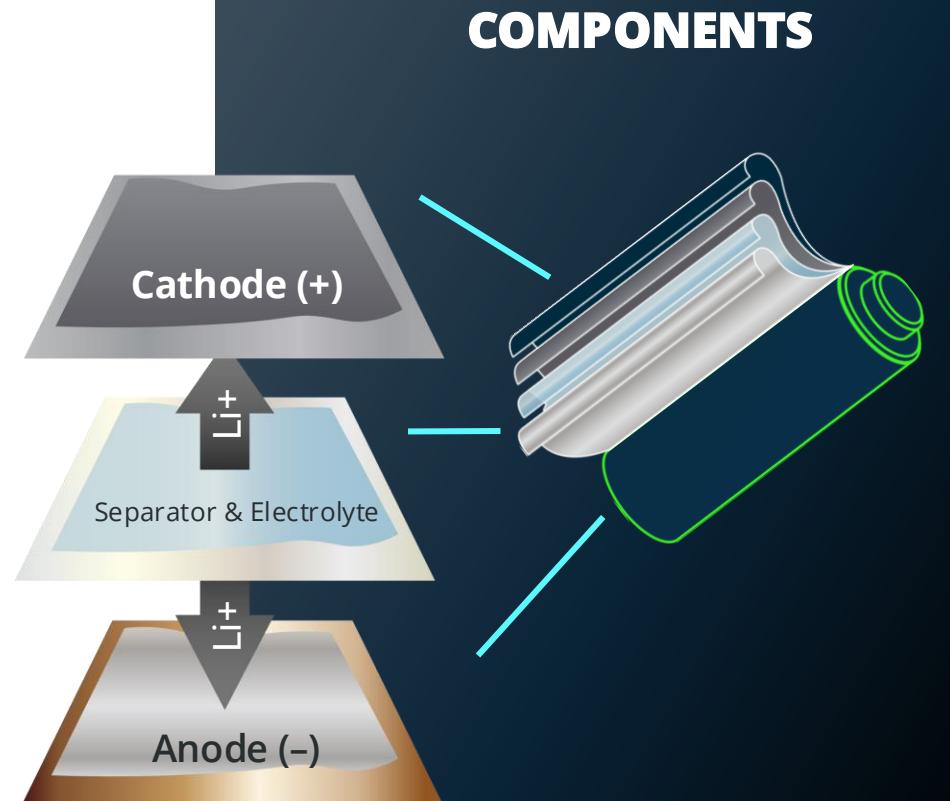
Initial revenues from product sales — licensing and royalty revenues to follow

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.

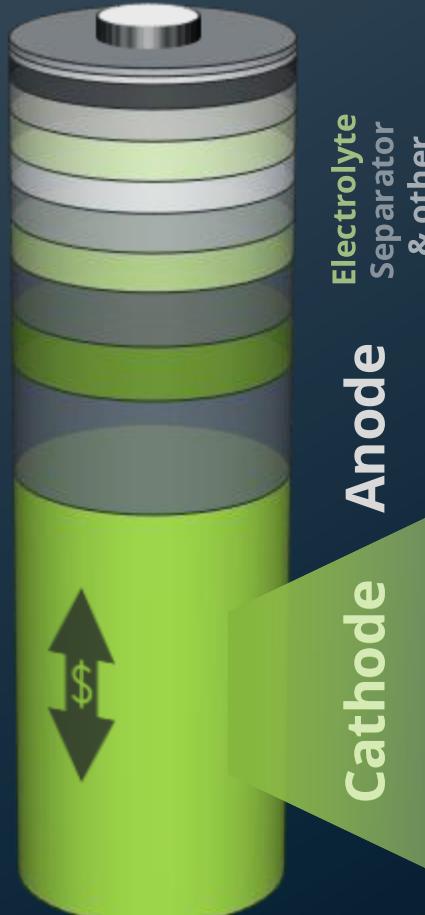


Cathode Active Material (CAM)

Cathode Cost*
~40-60%

±15% due to variations
in raw material costs

* Source: BloombergNEF 2021



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



↑ Durability ↑ Safety ↓ \$
LFP Pack density ≈ NMC
mass market EV, ESS, Industrial
70-80% Market Share in China¹

↑ Density ↓ Durability ↑ \$
Luxury long range EV
Various types (622, 811, 955 etc.)

↓ Density ↑ Voltage ↑ Charge
Next Gen Chemistry - niche

¹ Shanghai Metal Market, "LFP growth Continues: Lithium Carbonate Remains Key Price Driver" <https://www.metal.com/en/newscontent/103286548>

The Global Battery Bottleneck is Cathodes

Between mining & batteries—critical minerals are **refined & transformed** into cathodes

Mine Critical Minerals

Refine & Purify

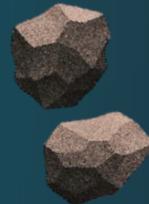
Process into Cathode Materials

Assemble into Cells

Assemble into Packs

Integrate & Apply

Re-Use & Re-Cycle



China Produces 98% of Global LFP Cathodes

(IEA Global Critical Minerals Outlook 2024)

↑ global trade tensions

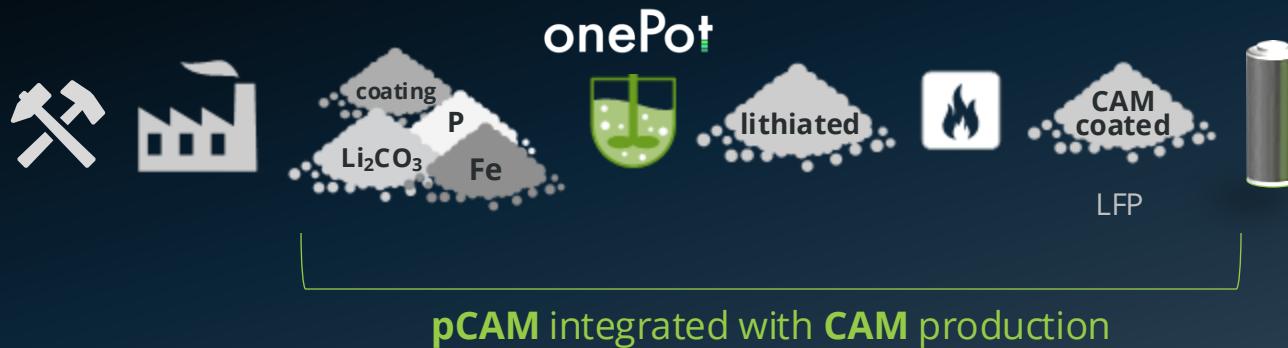
US restricts prohibited foreign entities & G7 pledges diversification*
China restricts access to LFP technology, product and equipment

* G7 nations aligned on critical minerals and production alliance with US/Canada finalizing now

onePot Process

PCAM, CAM & Coating combined

52 patents³ 50+ pending



Cost-competitive¹ & Greener²

- \$↓ up to 30% ↓ OPEX at least 30% ↓ CAPEX
- ⚡↓ ↓ 80% less energy
- ⓧ sodium sulphate wastewater
- CO₂↓ ↓ 50-60% GHGs
- ⓧ water usage ↓ 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

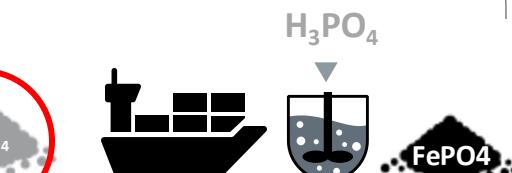


barriers to entry

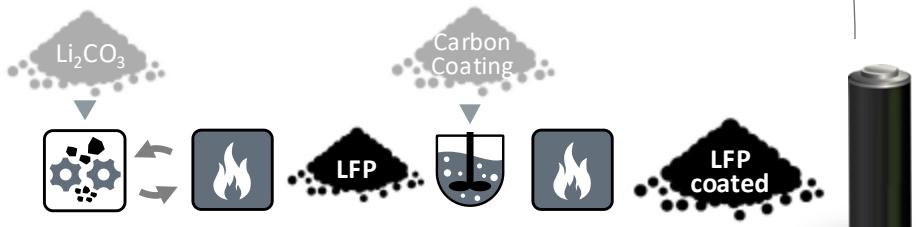


Unique low-cost source of iron sulfate (FeSO₄) from titanium mining tailings
large volumes of waste

PCAM (precursor CAM)



CAM (Cathode Active Material)



Sulfate waste discharged or costly crystallization for byproduct*
*Ammonium sulfate waste byproduct can be used as fertilizer input.

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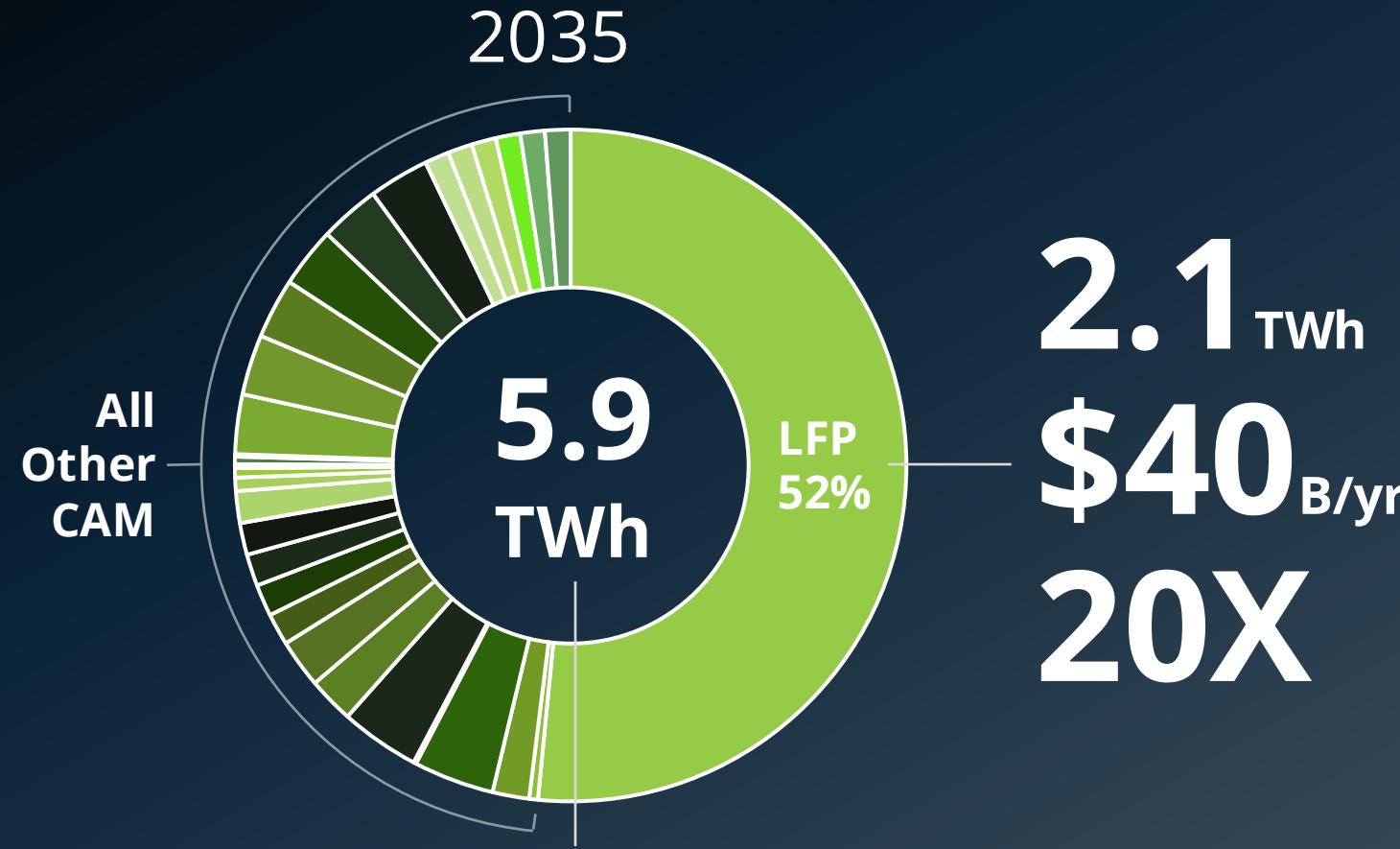
Global Cathode Chemistry Market Demand Forecast¹

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



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

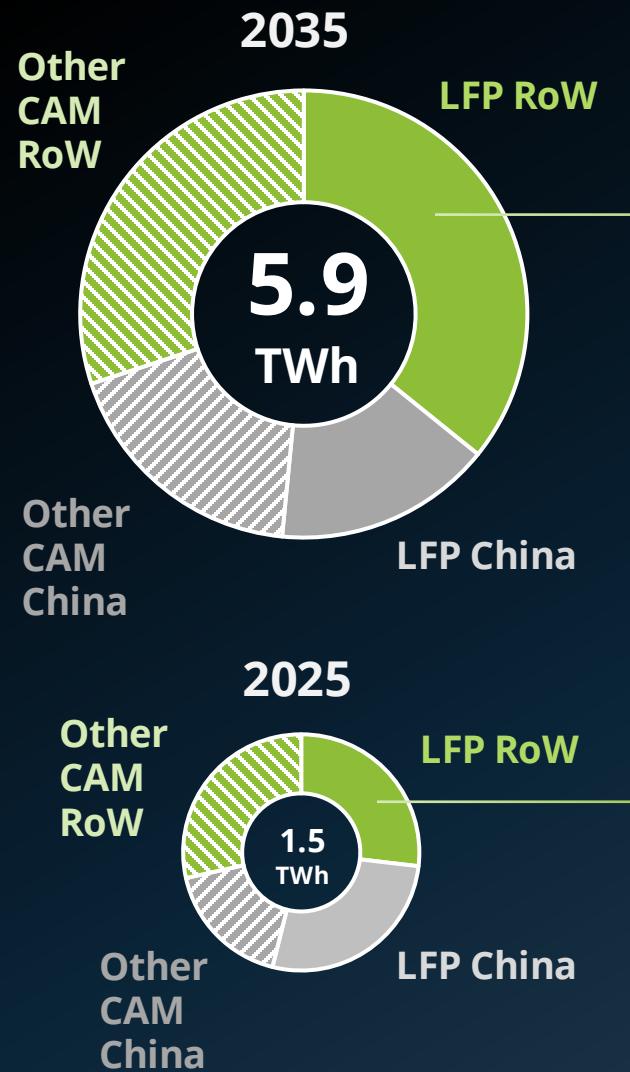


enough to supply every home, business and industry in
California for 8 days¹, Canada for 4 days², or Texas for 4 days³,

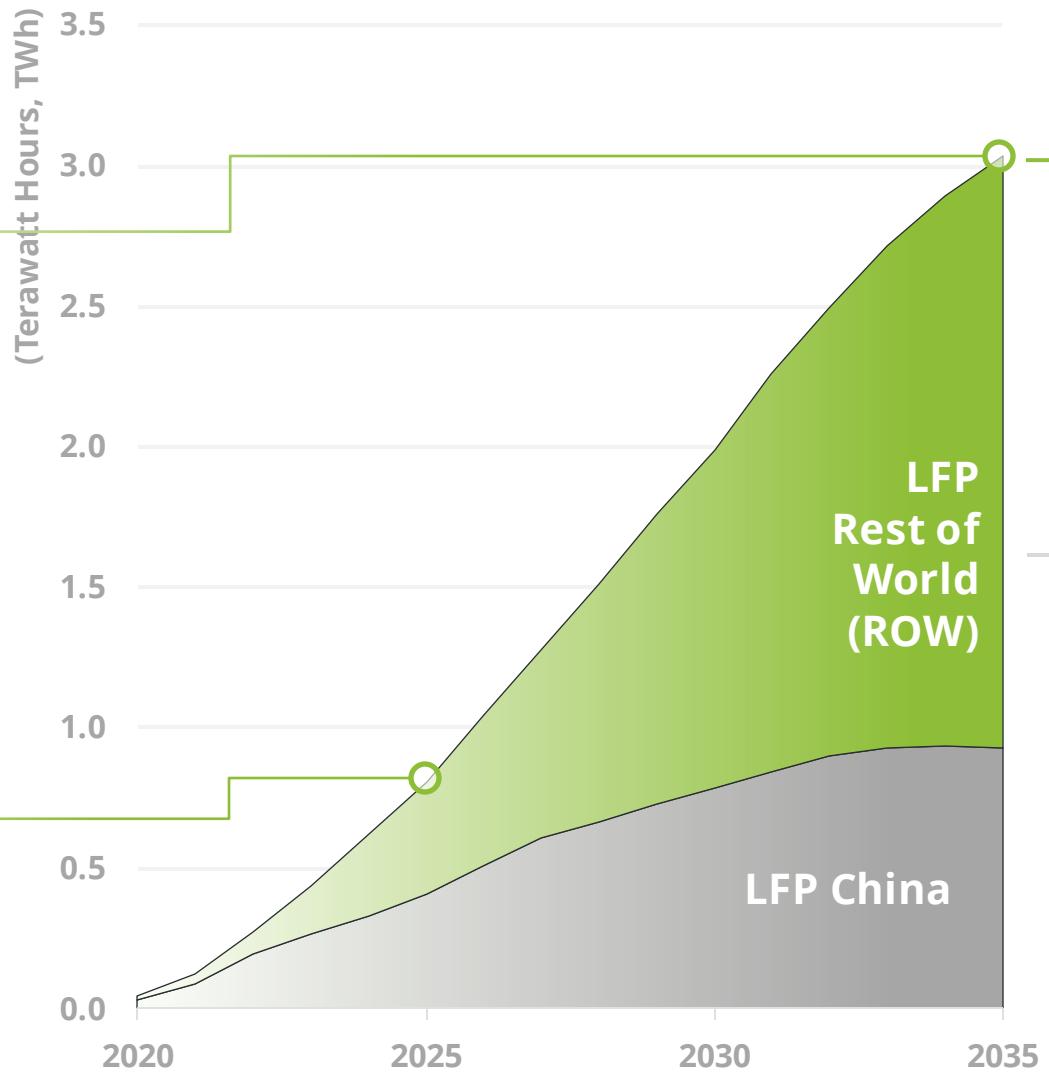
¹ California Energy Commission, 769 GWh/day electricity demand ² Statistics Canada, 1.54 TWh/day electricity demand.

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



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

\$40B /yr

4.2 mtpa LFP
168 ½B plants
35 million EVs

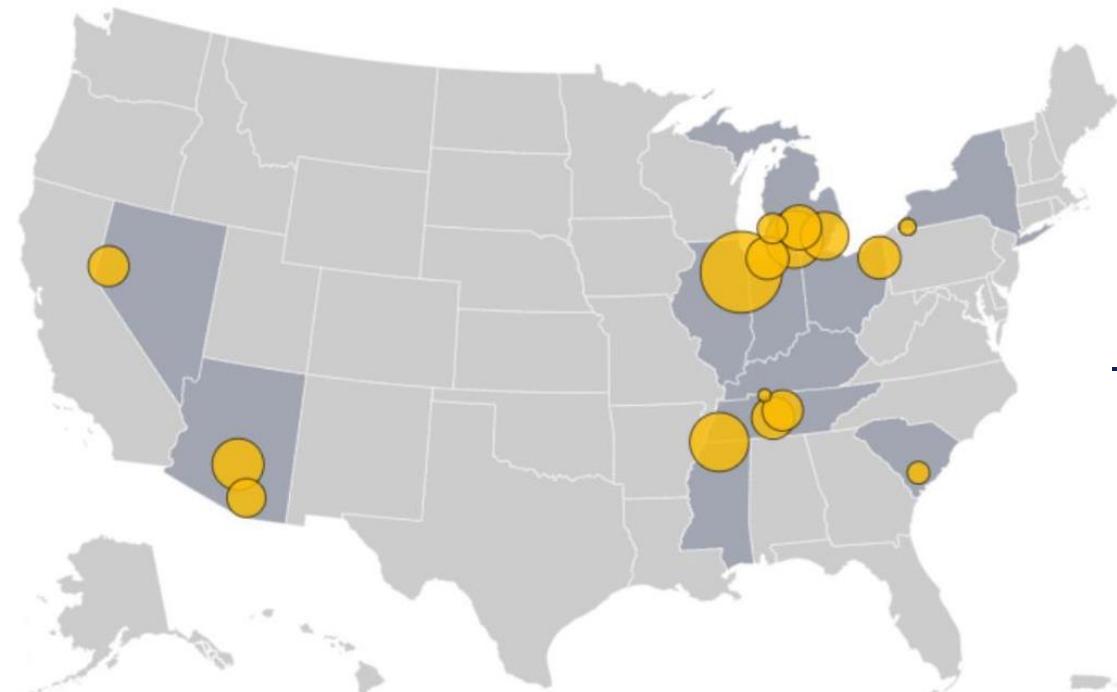
Serviceable Addressable Market (SAM)

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

² Bloomberg NEF Long Term Electric Vehicle Outlook 2022

US Production Capacity

Nearly **200 GWh** announced in US LFP cell production for 2030 pipeline



LFP Capacity: 5 GWh 20 GWh

Source: Benchmark Battery & Gigafactory Forecast



Incentives are CLEAR

LFP CAM must be economically regionalized

- 200 GWh in LFP cells requires 400 ktpa LFP CAM
- Regionalization would translate to 16 x 25ktpa One-Pot enabled LFP lines

\$7B/yr

US cell production tax credits
@ \$35M / GWh if there is
no Prohibited Foreign Content¹

¹45X & Prohibitive Foreign Entity provisions in One Big Beautiful Bill Act
<https://www.congress.gov/bill/119th-congress/house-bill/1/text>

Changing How the World Makes Battery Materials



Innovation Hub

Burnaby, BC, Canada

25,000 sf

LFP, NMC, LNMO & other CAM

52 Patents Granted & 50+ Pending

- ✓ ideate & conceptualize
- ✓ prove & validate
- ✓ develop & evaluate



Commercialization Hub

Candiac, Québec, Canada

80,000 sf

✓ Pilot and Demo LFP plant and experienced production team

✓ 200 tpa Expansion Targets: **800 tpa → 1,000+ tpa**

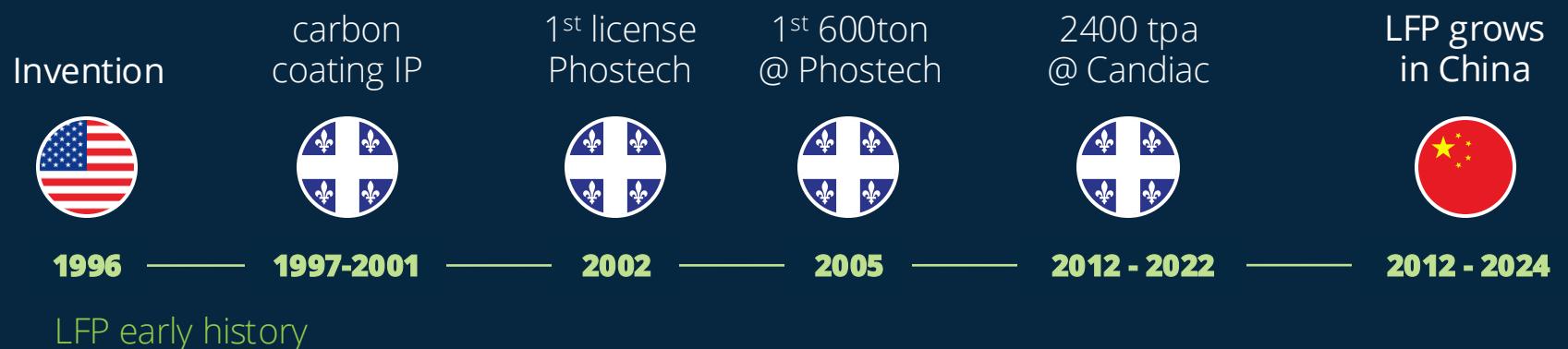
✓ Derisks in full scale production intent equipment

✓ Optimization & training center for licensees & partners

✓ Product & plant qualification

✓ Drives offtake for small/large volume production & licensees

4-Year Milestones Proactive. Funded. Focused.



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recent history



Jun - Sept 2021

Dec 2021

May 2022

June 2022

Nov 2022

Feb 2023

Sept 2023

May 2024

Aug 2024

Sept 2024

Dec 2024

Mar 2025

Oct 2025

launch LFP strategy

RioTinto

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

SUMITOMO
METAL MINING

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

worley
chemetics

licensing Alliance

C\$5M
land sale

C\$15.7M
sale/lease back

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Rapid Global Scaling & License Model

- Modular, scalable and globally deployable
- Eliminates waste and easier-to-site-and-permit
- Leverage Existing Pilot and Demo w/ less capital at risk



50,000¹ experts globally, delivering first-of-a-kind tech solutions.
AUD9B market cap |. AUD1.5B battery materials division



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

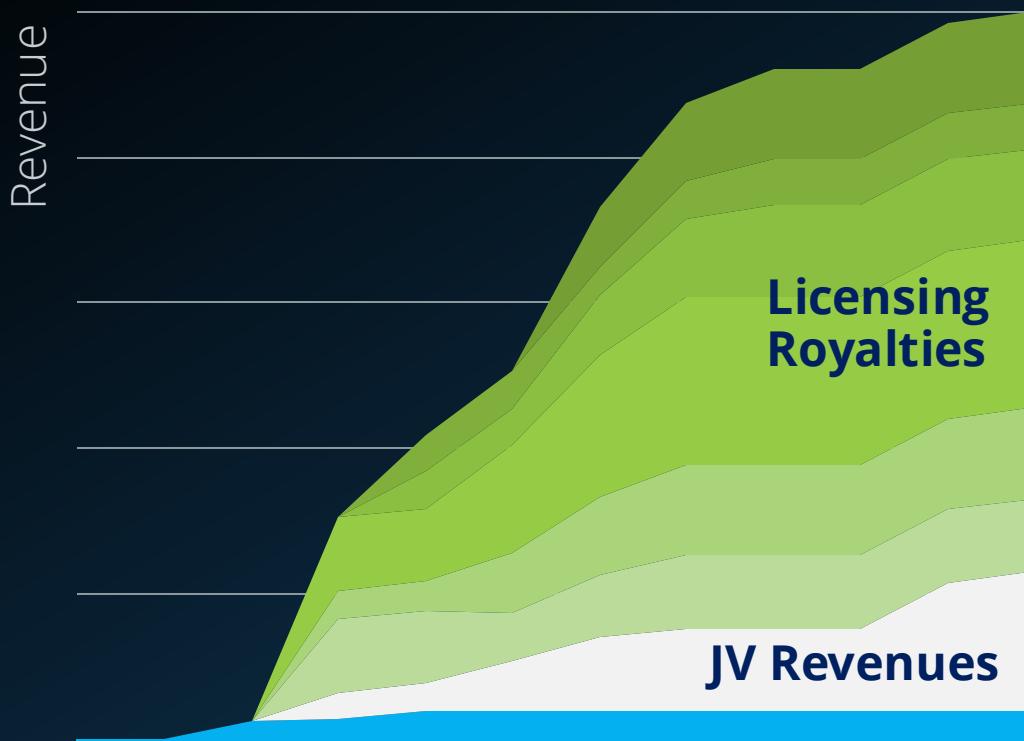
Licensing

Revenue	Direct Sales	Dev Project (JV Model)	Technology Licensing
Description	<ul style="list-style-type: none"> • Candiac Facility • Small volumes Defense & ESS (Canada - US - EU) • First revenues add working capital & limits dilution • Key targets in qualification 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Design Once Build Many • Pre-sales package in place. • CAM packages or license only • Co-market & license w/ Worley • Focus on Indo-Pacific & USA.
One Time Revenue		<ul style="list-style-type: none"> ✓ License Fee ✓ Pre-FID support ✓ Operator Training ✓ Post SOP support 	<ul style="list-style-type: none"> ✓ CAM package or license fee ✓ Pre-FID support ✓ Operator Training ✓ Post SOP support
Recurring Revenue	✓ sales revenue	<ul style="list-style-type: none"> ✓ Production royalty ✓ optional O&M services ✓ optional Innovation as a Service 	<ul style="list-style-type: none"> ✓ 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.

Multi-track Revenue Growth¹

↑ Defense, ↑ BESS, ↑ AI Data Centers, ↑ Industrial ↑ EV – Ramp up LFP production in line with **voice of customer** and their needs on volume, localization, qualification timelines and market adoption.



Project Dev'p Fees

License Fees (CAM Package)

Training Fees

O&M Service Fees

Innovation as a Service Fees

BESS | Energy
EV | Industrial

Direct Sales (Candidac)

Defense | EV sampling | BESS



Targeting Globally

Unlocking addressable markets (TAM)
for large-scale Cathode Producers

¹ This graph 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 - \$16.6M in gov funding drawn (more in process)



Non-Dilutive Capital - \$65M+ secured in the last 12 months



CAM Package - Three distinct packages developed



One-Pot Equipment - Reactor & kiln design started (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 ESS, auto, defense



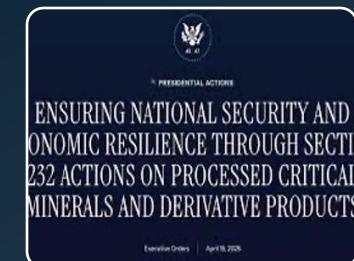
Licensing - Discussions in-progress



Supply Chain - Regional feedstock diversification ongoing



Innovation - M2CAM® and IP work in progress. 52 patents and 50+ pending



Executive Summary

Growth through Technology Licensing – 52 Patents³ Granted, 50+ Pending

- **High margin 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 (*A\$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\$5M) 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/>

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Question & Answer