TSX: NANO | FF: LBMB | OTC: NNOMF

nanoOne

Corporate Presentation

40 Patents (55+ Pending) \$140B+ Cathode Market (2035) North America, EU, Indo-pacific

GHG

Unlocking Cost-Competitive Cathode Production

Made with less

Waste

Energy Water



Changing How the World Makes **Battery Materials**

Disclaimers TSX: NANO | FF: LBMB | OTC: NNOMF

Disclaimer: Nano One expressly warns readers not to rely on the information herein for investment or other related purposes. Accordingly, any use of this information is at the reader's risk and without liability to Nano One. The information contained herein is not to be construed as either a public or private offer or solicitation to purchase securities in the capital stock of Nano One. The reader is referred to his/her professional investment advisor regarding investment or related decisions respecting the securities of Nano One.

Forward Looking Statements: Certain information contained herein constitutes "forward-looking information" under Canadian securities legislation. Forward-looking information includes, but is not limited to, statements with respect to financing endeavours, technical progress and the commercialization of Nano One Material Corp. (Nano One) technology and patents. Generally, forward-looking information can be identified by the use of forward-looking terminology such as "expects" or "it is expected", or variations of such words and phrases or statements that certain actions, events or results "will" 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: cycling, charging, capacity, target markets, target cost-reductions, target partners, capital expenditures, raw material and other costs, and financing and additional capital requirements. 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. 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. Nano One does not intend, and does not assume any obligation, to update any forward-looking statements or forward-looking information that are incorporated by reference herein, except as required by applicable securities laws.



Nano One Materials Leadership

Executive, Investor and Business Leaders: 120+ People & 500+ Years Cathode Experience



nanoOne



Alex Holmes

COO

Dan Blondal CEO, Founder & **Board Chair**

Board of Directors

Denis Geoffroy

CCO



Dr Stephen Campbell СТО



Carlo Valente CFO



Adam Johnson **SVP External** Affairs

Advisors



SVP People &

Culture





Paul Guedes Director, Capital **Markets**

Andrea Goodman **Director**, **Project** Funding



Hon. Frank Fannon



3 | Nano One Materials Corp. | TSX: NANO | 2024-03-12

The One-Pot Process – Flexible Process Technology



4

.

Ine

\$140B+

Total Addressable CAM Market by 2035

(North America + EU + Indo-Pacific) Source: Benchmark Mineral Intelligence Q2 2023 Lithium-Ion Battery Database

LFP NMC -

1st target

LFP

The Cathode Market

Growth 2023 – 2035 *Source: Bloomberg 2022*



↓Cost

Recent Battery & CAM Announcements



6 | Nano One Materials Corp. | TSX: NANO | FF: LBMB | OTC: NNOMF | 2024-03-12

nanoOne

QC: 380,000+ tpa

Nano One – Value Proposition

\$146B/yr

\$48B LFP 2035 market opportunity



One Pot Tech Advantage

Ø Waste

Ø wastewater Ø sulfate easier to permit & site

Leadership

Thought leader to Gov't \$25m+ non-dilutive to-date

Knowhow

large pilot, team & partners 40 patents & 55+ pending

↓ GHG

50-85% fewer GHGs 60-80% less water

Ø China

critical mineral inputs local, class 1, OEM certified

Growth

Turn-key Growth strategy Licensing business model

Supply Chain Partnerships



Strategic Investments

C\$13M Investment Secure supply lithium for O	4.9% Ownership cal, clean and of iron and ne-Pot LFP	RioTinto 150 years 35 countries Mining & Metals	Localized, clean and secure supply chains are critical and require partnerships with innovative companies like Nano One to differentiate, disrupt and accelerate the path to a net-zero future.	17
C\$16.9M Investment	5.0% Ownership	SUMITOMO METAL MINING	Nano One has demonstrated that their latest technology works at scale, their materials perform, and their costs are	
Partnered on One-Pot LFP and		Mining, Smelting, Refiner & Cathode	competitive. Nano One is also aligned with our belief that less waste and energy is one of the most important keys to EV markets.	
NMC for clean, long-lasting and low-cost product		400 years XX countries	Katsuya Tanaka, Managing Executive Officer, General Manager SMM Battery Material Division	

9 | Nano One Materials Corp. | TSX: NANO | FF: LBMB | OTC: NNOMF | 2024-03-12

nar

Partnerships and JDAs

Goal \rightarrow Licensing Partners or Offtake

BASF The Chemical Company	 JDA to evaluate Nano One's process for BASF's next generation CAM. Multi phase agreement, which includes detailed commercialization study for pre-pilot and scaled up production
umicore	 JDA to jointly leverage their technologies for high nickel NMC. to increase throughput while reducing costs and environmental footprint. Aligned on creating a resilient supply chain
 JDA to qualify Nano One LFP CAM for use in ONE's LFP batteries Focused on increasing range while lowering cost, environmental footprint an offering a NA LFP solution. 	



Incumbent Technology

Supply Chains are too LONG, COMPLEX, WASTEFUL, and RELIANT on uncertain supply



nar

Solutions for the Terrawatt Hour World

Faster, Cleaner, Greener, Lower Cost & decoupled from China



nan

Solutions for the Terrawatt Hour World

Faster, Cleaner, Greener, Lower Cost & Decoupled from China



versus LONG, COMPLEX, WASTEFUL & RELIANT on foreign supply of concern





How to Build Millions of Tonnes of Capacity and FAST

– Montréal (20km)



Solve for Scale Design ONCE Build MANY

Nano One Candiac

a platform for operational excellence



Nano One Candiac

a platform for operational excellence

Only LFP pilot and team outside asia
 World class know-how & training
 Automotive certification

Bienvenue 280

Entrée principale

henolna

Design-Once-Build-Many Growth Strategy



A Flexible Business Model for CAM Manufacturing Solutions **Joint Venture** Independent manufacturing License model Shared risks – Shared profit First revenue – Derisk Learn – Train – Innovate Royalties ✓ \$/kg royalties (12) United States Patent Friancza-Kullberg Continuous innovation THE DR. AND, BUT BUT PLEXOMETRIC PRECURSO FORMULATION METHODOLOGY FOR FORMULATION METHODOLOGY FOR INDUSTRIAL PRODUCTION OF FINE AN ULTRAFINE FOWDERS AND ✓ Greater market share ✓ Low capital intensity patent is extended or adjusted under U.S.C. 154(b) by 36 days. Prior Publication Data lated U.S. Application Data

Turn-key 'Design-Once-Build-Many' strategy enables accelerated growth



Nano One's Patent Wall 40 Patents Globally, 55+ pending



nano

()ne

Nano One Quick Reference

Headquarters	British Columbia, Canada (c. 2011) Employees 130+
Market Capitalization	C\$193M (USD\$142M) as of 2024-02-28
Capital Structure	Shares Outstanding: 111,266,777
Cash Position	Approx. ~C\$43M Sept 30, 2023. + ~C\$7M SDTC Grants
Business Model	License/Royalty Model/Independent Production
Patents	40 in US, Canada, Japan, Korea, China, Taiwan and 55+ pending
Partnerships	Rio Tinto, Sumitomo, BASF, Umicore, VW, ONE, Undisclosed OEM's and more

- One-Pot lowers cost, complexity, carbon intensity and environmental footprint
- M2CAM eliminates large volumes of wasteful byproduct
- Coated Single Crystal adds durability/range/charge/life
- Platform technology for LFP, NMC, LNMO, and others
- For Li-ion & solid-state applications with EV, ESS & portables
- Seasoned leadership in financing, capital growth, technology, chemistry, engineering, batteries, and IP.
- Lab, pilot, commercial demonstration plant in progress.

nanoOne

nanoOne

Changing How The World Makes Battery Materials

Thank you

