



# Investor Presentation

California Nanotechnologies Corp.

May 19, 2026 | LD Micro Invitational XVI

[calnanocorp.com](http://calnanocorp.com)

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This presentation makes reference to "EBITDA", "EBITDA Margin", "Free Cash Flow" or "Net Cash", which are non-IFRS measures or operating metrics used in our industry. These measures are not recognized measures under IFRS and do not have a standardized meaning prescribed by IFRS and are therefore unlikely to be comparable to similar measures presented by other companies. Rather, these measures are provided as additional information to complement IFRS measures by providing further understanding of our results of operations from management's perspective. Accordingly, these measures should not be considered in isolation nor as a substitute for analysis of our financial information reported under IFRS. The Company believes that securities analysts, investors and other interested parties frequently use non-IFRS financial measures and industry operating metrics in the evaluation of issuers. For further details on these measures and metrics, including relevant reconciliations, when applicable, see "Financial Terms and Definitions" in the Company's management's discussions and analyses for the three months ended November 30, 2025, which is available on SEDAR+.

# Cal Nano is on a **mission** to bring next generation materials to market with cutting-edge technologies

We imagine a world in which our **advanced technologies** are used to make the most innovative products on this **planet** and **beyond**

We help companies process advanced materials from **powder** to **part**

**By partnering with Cal Nano, our clients develop and produce materials for cutting-edge applications, enhancing material properties such as strength and lightness**

## Examples of Applications

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Rocket Engine Components

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Nuclear Reactor Materials

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Sputtering Targets

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Military Armor

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Deep Cycle Battery Parts

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Specialized Conductors

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Rare Earth/Rare Earth Free Magnets

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Automotive Brakes

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Metal Alloy Disks

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Recycling Waste Metals

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# Advanced materials are a **secular growth opportunity**

Hardest problems in advanced, next-generation products are increasingly constrained by temperature, corrosion, weight, and reliability

01



## **Broad U.S. demand for domestic advanced materials**

U.S. needs more advanced materials because energy, defense, aerospace, and industrial systems

02



## **Focus on ceramics and refractory metals**

Metallurgy gives better properties and stability needed in extreme environments for nuclear, military, etc.

03



## **Cal Nano solves gap between R&D and mass production**

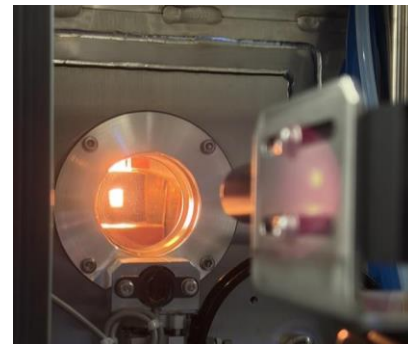
Unique R&D capabilities, local presence, and need for domestic content position Cal Nano favorably

- (1) For TTM period ending August 31, 2025
- (2) Patents Issued in U.S.
- (3) Spark Plasma Sintering



**ABOUT CAL NANO**

# Cal Nano is a **unique asset** poised to **capitalize** on U.S. advanced materials **manufacturing**



**\$3.0 million**

TTM<sup>(1)</sup> Revenue

**20 Dedicated**

Employees headquartered in Los Angeles County, California

**150+**

Global and local customers who partner with Cal Nano

**2**

Patents<sup>(2)</sup> (Granted and Pending)

**2 Core**

Technologies (SPS<sup>(3)</sup> and Cryomilling) driving new material innovations

# Our target application for **scale-up** and **commercialization** is **nuclear energy**

Focus on small modular reactors (SMRs) and fusion energy opportunities in short-term

- Federal support accelerating SMR deployment through DOE<sup>(1)</sup> funding and licensing support
- Policy shifting toward technical merit, domestic supply chains, and commercial-ready reactor projects
- Data centers are driving nonstop power demand, favoring reliable baseload generation
- Hyperscalers need modular, scalable, smaller-footprint, and easier to site power
- Opportunity for Cal Nano spans SMR components like **control rods** and **radiation shielding**



U.S. signed an Executive Order to expand nuclear capacity to **400 GW** by **2050**<sup>(2)</sup> from 97 GW<sup>(3)</sup> today

(1) Department of Energy

(2) [9 Key Takeaways from President Trump's Executive Orders on Nuclear Energy](#)

(3) [World Nuclear Association: Nuclear Power in the USA](#)

# Our evolution from small-scale to **larger-scale**

## From R&D Provider

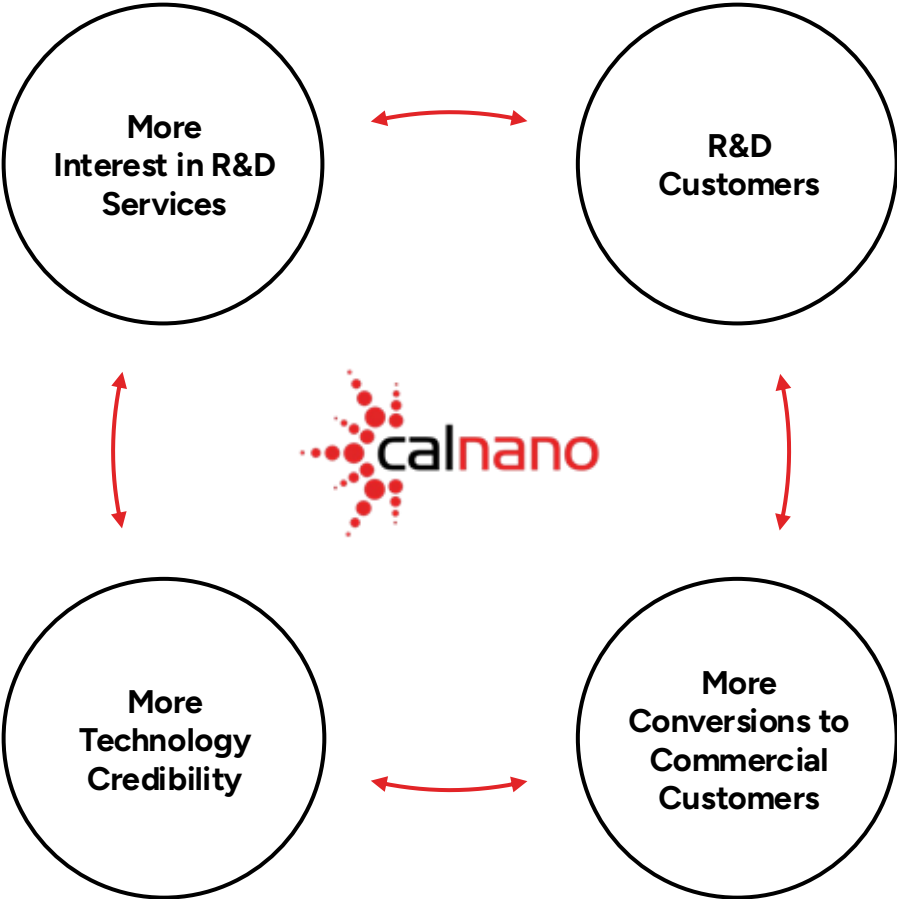
- Over last 10+ years, built a reputation for executing cutting-edge R&D programs for clients including Fortune 500
- Excelled at speed and reducing costs, enabling faster R&D cycle times
- Helped clients like a military brake disk company achieve commercial production from R&D
- Built up portfolio of specialized SPS, cryomilling, and tooling machinery resulting in significant higher capacity

## To R&D and Commercial Partner

- **First-to-market** with nuclear control rods and heat shielding manufacturing offering for SMRs
- Goal to **lock in** manufacturing capacity with agreements in **multimillions in contract value**
- **Three** ongoing commercial manufacturing relationships today<sup>(1)</sup>
- Continue building base of R&D customers who have opportunity to **convert into production contracts**
- Create a portfolio of **repeatable manufacturing relationships**, improving predictability of business

(1) As of May 19, 2026

Cal Nano's flywheel creates a **growth engine** for future traction and success



CORE TECHNOLOGY #1

# Cryogenic Milling

A specialized grinding/mixing process conducted in a cryogenic liquid environment of -190°C used to make nanomaterials & high-performance alloys

- 01 Particle Size Reduction**  
Rapidly reduces particle size in materials that smear
- 02 Custom Alloys and MMCs**  
Create unique materials by combining different
- 03 Material Properties Improvement**  
See 2x increase in strength in certain applications like aerospace
- 04 Moisture, Oxygen or Heat Sensitive Materials**  
Can process dangerous materials very effectively and safely



**One Process  
Patent Granted**

# Spark Plasma Sintering

A novel process that turns powder into solid parts. SPS rapidly creates materials and components with unique properties that are not possible with traditional manufacturing techniques

- 01 Extremely Versatile**  
Compatible with many materials such as ceramics and alloys
- 02 Shorter Cycle Times**  
Up to 10x faster than traditional techniques
- 03 More Cost Effective**  
Energy savings of 80%+ compared to conventional sintering
- 04 Bonding and Functionally Graded Materials**  
Bond metals to ceramics for complex electronic components



**Services and  
Equipment Sales**

WHY INVEST IN CAL NANO?

# A unique asset with proven capabilities and opportunities for significant growth

- |  |  |   |  |   |  |
|--|--|---|--|---|--|
| <p>01</p> <p>High technology service provider</p>  | <p>02</p> <p>Growing SPS adoption in North America</p>   | <p>03</p> <p>Onshoring of U.S. manufacturing</p>  | <p>04</p> <p>Transition from R&amp;D to commercial-scale</p>   | <p>05</p> <p>First mover advantage</p>  | <p>06</p> <p>High barrier to entry</p>   |
| <p>Specialized manufacturing service provider in the growing field of advanced material processing</p> | <p>Adoption for Spark Plasma Sintering (SPS) core technology at inflection point which will support more customer demand</p> | <p>Trend towards supply chain resiliency bringing manufacturing back to U.S. with attractive tax and grant incentives</p> | <p>Significant growth opportunity from move to include larger-scale commercial product manufacturing</p> | <p>First company to bring commercial level SPS and cryomilling manufacturing services to U.S.</p> | <p>Over a decade of know-how (15,000+ trials) and technology infrastructure to successfully deliver on projects at scale</p> |

(1) Non-IFRS Measure

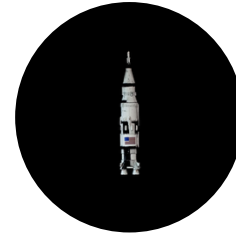
COMPETITIVE ADVANTAGE

# A blend of rare equipment and specialized know-how, makes us **one-of-a-kind** in North America



## Largest SPS machine available in North America for R&D and commercial services

Deployed a new Dr. Fritsch MSP-5 Model in September 2024



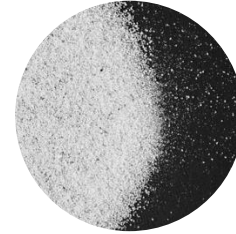
## Technology moat through 20+ years of experience and one process patent granted

Reputation for premium R&D services shown through strong unit economics



## R&D processing times exceed those of competitors

In some instances, timelines have been cut from weeks to hours, resulting in significant savings of time and money for customers



## One-stop shop for all powder metallurgy needs

In some instances, timelines have been cut from weeks to hours, resulting in significant savings of time and money for customers

# Our business model helps make innovative products

Our technologies deliver key material improvements that enable new products to get to market



Access to core material processing

## Manufacturing Services 93% of TTM<sup>(1)</sup> revenues

- Selling toll access to key technologies (SPS and Cryomilling) to manufacture customers' key components
- Includes post-processing production services



Provide in-house technologies

## Equipment Sales 7% of TTM<sup>(1)</sup> revenues

- Selling the key technologies for customers to use in-house
- Includes aftermarket service & support

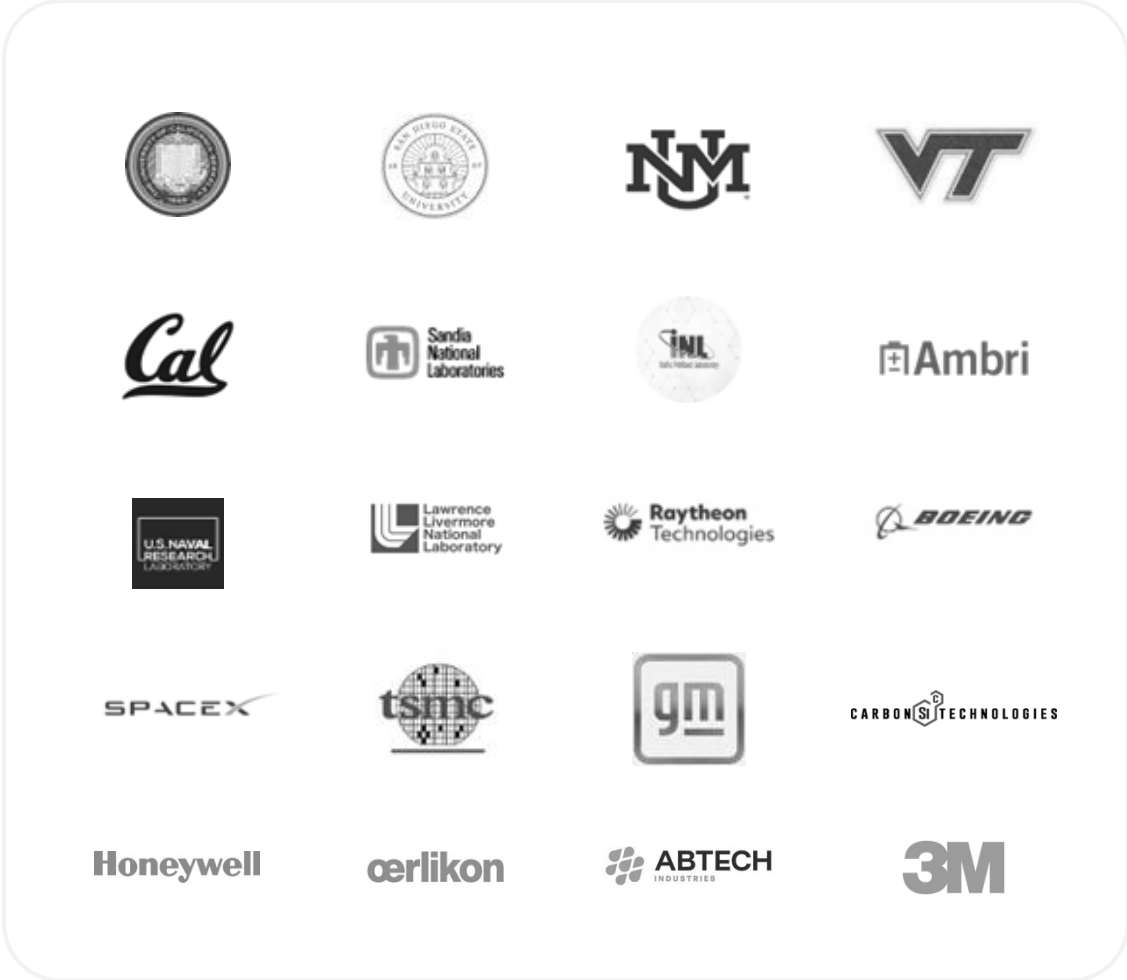


Cal Nano's **business model** addresses each part of the customer's advanced manufacturing supply chain

(1) For TTM period ending November 30, 2025

PORTFOLIO

# Example Products & Customers



COMPETITIVE LANDSCAPE

# A unique service offering in North America

Cal Nano’s incentives and portfolio of services result in a differentiated market offering

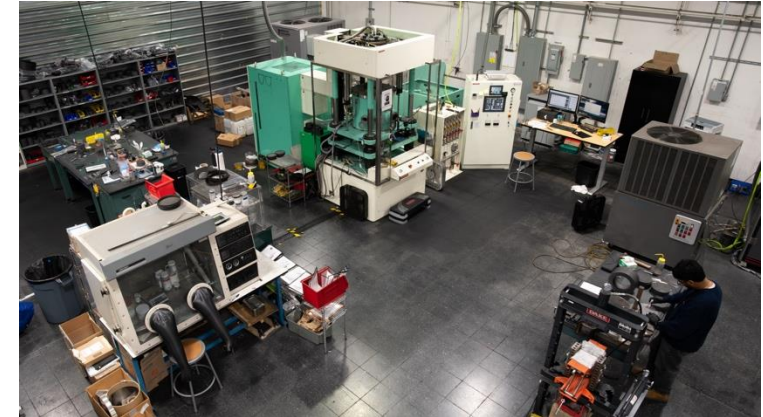
		<small>DR.FRITSCH</small> <small>FCT Systeme GmbH</small> <small>THERMAL TECHNOLOGY LLC</small> Equipment Manufacturers	<small>INL</small> <small>UIUC</small> National Labs & Universities
Incentive	Sell Manufacturing Services	Sell Equipment	Provide R&D Support
R&D Service Offering	✓	✓	✓
Production Service Offering	✓	-	-
Cost Competitive	✓	-	-
SPS and Cryomilling Access	✓	-	-
Aftermarket Parts	✓	✓	-
Aftermarket Services & Training	✓	✓	-
Current SPS Capacity	1,000s parts/yr	Not Applicable	-
Current Cryomilling Capacity	10,000s kg/yr	Not Applicable	-
Trials Completed to Date	15,000+	-	Varies by Institution

Sources: Management Estimates

# Flagship facility located in Southern California for core **SPS** and **Cryomilling** equipment

## Santa Ana Manufacturing Facility

Commissioned in September 2024, the 19,500 sq. ft advanced materials manufacturing facility hosts the largest commercially available SPS machine (MSP-5) in North America along with cryomills, tooling shop, and warehousing



# Strong leadership with deep materials expertise and diverse experience



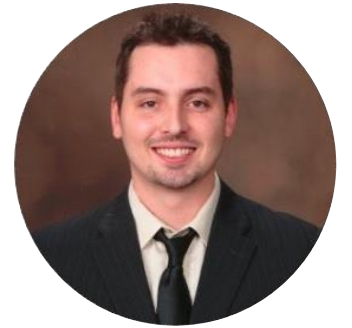
**Eric Eyerman**  
CEO & Director



**Spencer Song**  
VP of Operations



**Brian Weinstein**  
VP of R&D



**Chris Melnyk**  
Director of Business  
Development & Director



**Roger Dent**  
Independent Director



**Sebastien Goulet**  
Independent Director

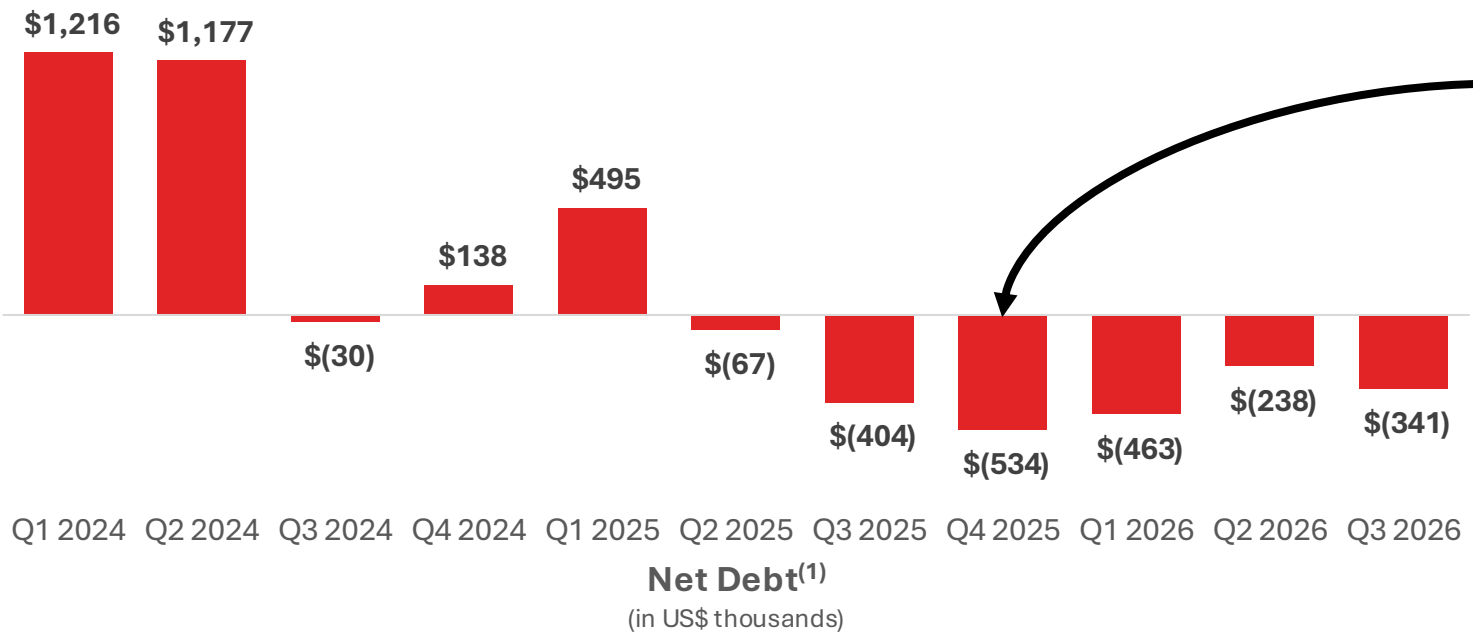


**Enrique Lavernia**  
Independent Director

FINANCIAL HIGHLIGHTS

# Improving balance sheet while funding growth and capacity

Management committed to prudent capital allocation, resulting in debt reduction



Became **debt-free** after final repayment to Omni-Lite in **Nov. 2024**

Completed a non-brokered private placement financing in Q4 2026 for aggregate **gross proceeds** of **CA\$935,900**, further strengthening balance sheet

(1) Non-IFRS Measure; Net Debt means the aggregate short-term and long-term interest-bearing debt minus cash and cash equivalents

CAPITALIZATION

# Capitalization Table and Insider Ownership

## California Nanotechnologies Corp. – TSXV: CNO, OTC: CANOF

Outstanding Shares	53,371,815
Stock Options	6,790,779
Warrants (Exercisable at US\$0.30)	3,119,666
<b>Fully Diluted Shares</b>	<b>63,282,260</b>
<b>Market Capitalization<sup>(1)</sup></b>	<b>CA\$13.9M</b>
<b>Fully Diluted Market Capitalization<sup>(1)</sup></b>	<b>CA\$16.5M</b>

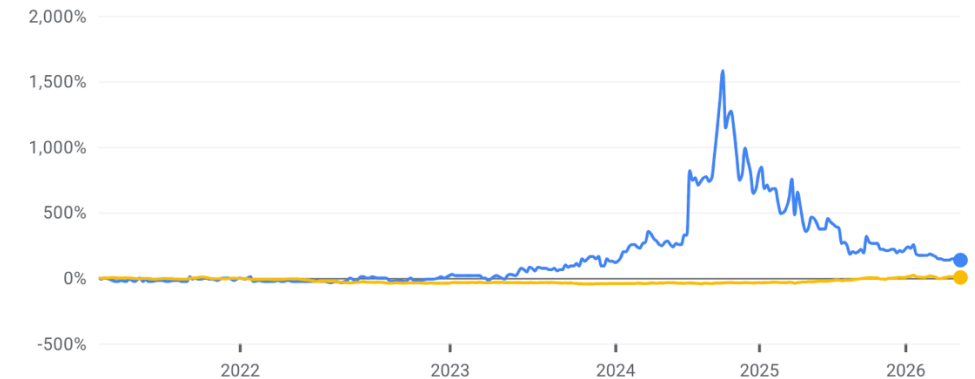
Insider Ownership	Shares	% Outstanding
Omni-Lite Industries Canada Inc.	6,974,670	13.1%
Roger Dent <sup>(2)</sup>	4,743,671	8.9%
Eric Eyerman <sup>(3)</sup>	2,991,340	5.6%
Christopher Melnyk	2,551,463	4.8%
Other Insiders	2,674,661	5.0%
<b>Total</b>	<b>19,935,805</b>	<b>37.4%</b>

(1) As of May 6, 2025, at a share price of \$0.26

(2) Includes ownership through Quinsam Capital Corporation

(3) Includes shares related to a loan agreement from an issuance of units (October 30, 2023) with Eric Eyerman, CEO & Director

## Cal Nano Relative Performance to Benchmark Indices



Last 5-year performance

● California Nanotechnologies	<b>\$0.260</b>	<b>+\$0.15</b>	<b>136.36%</b>
● S&P/TSX Venture Composite	<b>994.43</b>	<b>+39.15</b>	<b>4.10%</b>



## For more information

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