

# *Investor Presentation*

California Nanotechnologies Corp.

June 30, 2025 | Q4/FY2025 Results

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

TSXV:CNO / OTC:CANOF

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All figures in this presentation are in U.S. Dollars unless otherwise specified.



**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

---

Military Armor

---

Deep Cycle Battery Parts

---

Specialized Conductors

---

Thermoelectrics

---

Automotive Brakes

---

Metal Alloy Disks

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Recycling Waste Metals

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

## **Past**

*2018 to 2024*

- Mr. Eric Eyerman appointed as interim CEO in 2018 and CEO in 2019
- \$0.5 million in revenues for FY2018, significant debt load of \$2.0 million+
- Main location in Cerritos, California had two lab-scale SPS machines and small-scale cryomilling
- Exclusively R&D based projects and work

## **Present**

*2024 Calendar Year Accomplishments*

- Brought on key hires such as Chris Melnyk for business development
- \$6.1 million in TTM<sup>(1)</sup> revenues, debt free for first time in 15 years
- Signed a lease for new flagship facility in Santa Ana, California to house new equipment and increase capacity
- Commissioned new MSP-5 SPS machine, largest in North America for R&D and commercial services
- First dedicated salespeople hired

(1) For TTM period ending November 30, 2024

# Strategic Priorities and Objectives For 2025

First ones announced in  
**April 2025**



Win first commercial production orders to transition from pure R&D service provider



Backfill manufacturing capacity at Santa Ana facility with new orders and work



Build long-term partnerships with industry participants to scale sales



Locate and hire key talent to support sales and operations



Diversify revenues to ensure less risk from largest customer (green steel)



# **We are a leading U.S. advanced materials *manufacturer***

Capabilities spanning both R&D and commercial production that utilize next-gen technologies

**\$6.2M**

TTM<sup>(1)</sup> Revenue  
(up 87% YOY)

**150+**

Global and local customers who partner with Cal Nano

**15,000+**

Runs performed on proprietary equipment for customers

**\$2.6M**

TTM Adjusted EBITDA<sup>(3)</sup>

**2 Core**

Technologies (SPS<sup>(2)</sup> and Cryomilling)  
driving new material innovations

**20 Dedicated**

Employees headquartered in Los Angeles County, California



# Cryogenic Milling

A specialized grinding/mixing process conducted in a cryogenic liquid environment of  $-190^{\circ}\text{C}$  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 profitability and opportunities for significant growth

01

High technology service provider

Specialized manufacturing service provider in the growing field of advanced material processing

02

Growing SPS adoption in North America

Adoption for Spark Plasma Sintering (SPS) core technology at inflection point which will support more customer demand

03

Onshoring of U.S. manufacturing

Trend towards supply chain resiliency bringing manufacturing back to U.S. with attractive tax and grant incentives

04

Transition from R&D to commercial-scale

Significant growth opportunity from move to include larger-scale commercial product manufacturing

05

Proven and profitable business model

Company has successfully generated 60%+ gross margins, 30%+ EBITDA<sup>(1)</sup> margins and positive operating cash flow

06

High barrier to entry

Over a decade of know-how (15,000+ trials) and technology infrastructure to successfully deliver on projects at scale

(1) Non-IFRS Measure



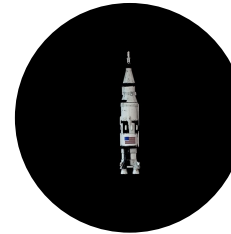
COMPETITIVE ADVANTAGE

# **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



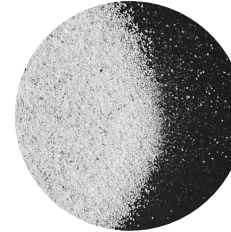
## ***Technology moat through 20+ years of experience and one process patent granted***

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

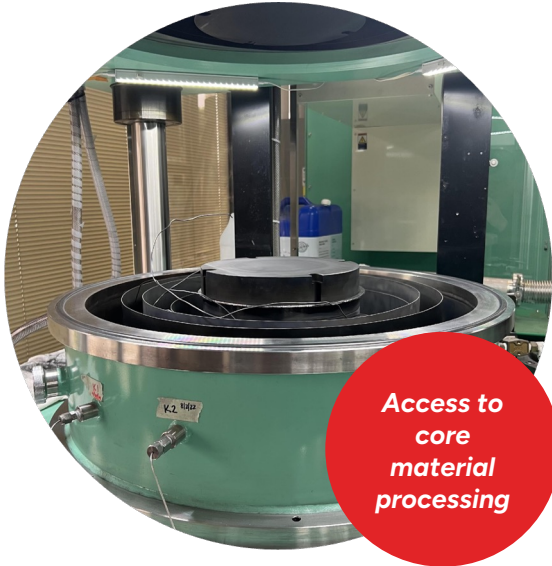


## ***One-stop shop for all powder metallurgy needs***

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



### **Manufacturing Services**

**85% of FY2025 revenues**

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



### **Equipment Sales**

**15% of FY2025 revenues**

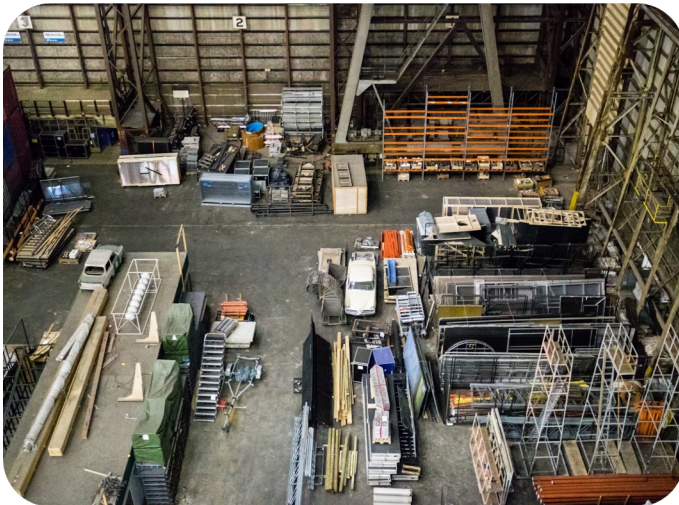
- Selling the key technologies for customers to use in-house
- Includes aftermarket service & support



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

## Growing market supported by **several key trends**

Cal Nano is well positioned to benefit from these trends from its **first mover advantage** and **local U.S. presence**



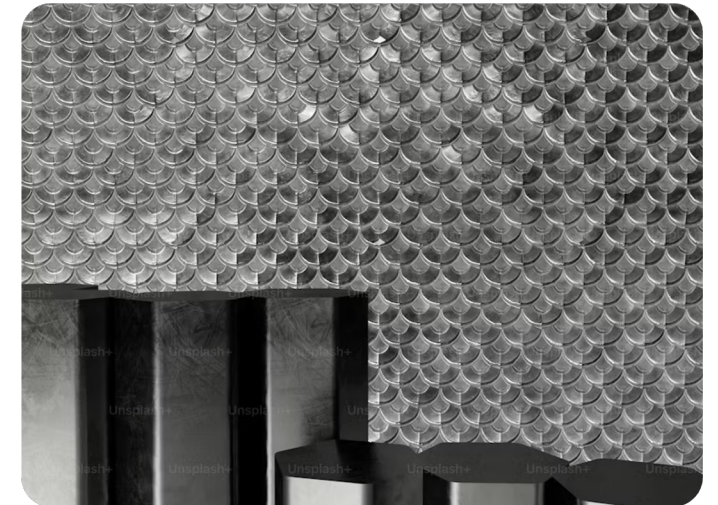
### **Turnkey Manufacturing Support**

Companies seeking a rapid shift of advanced manufacturing back to the U.S. amid uncertainties can rely on Cal Nano's capabilities to assist in the transition



### **Need For More Advanced Materials**

Industries such as nuclear energy, semiconductors, power generation are demanding innovation and new materials to satisfy growing demands

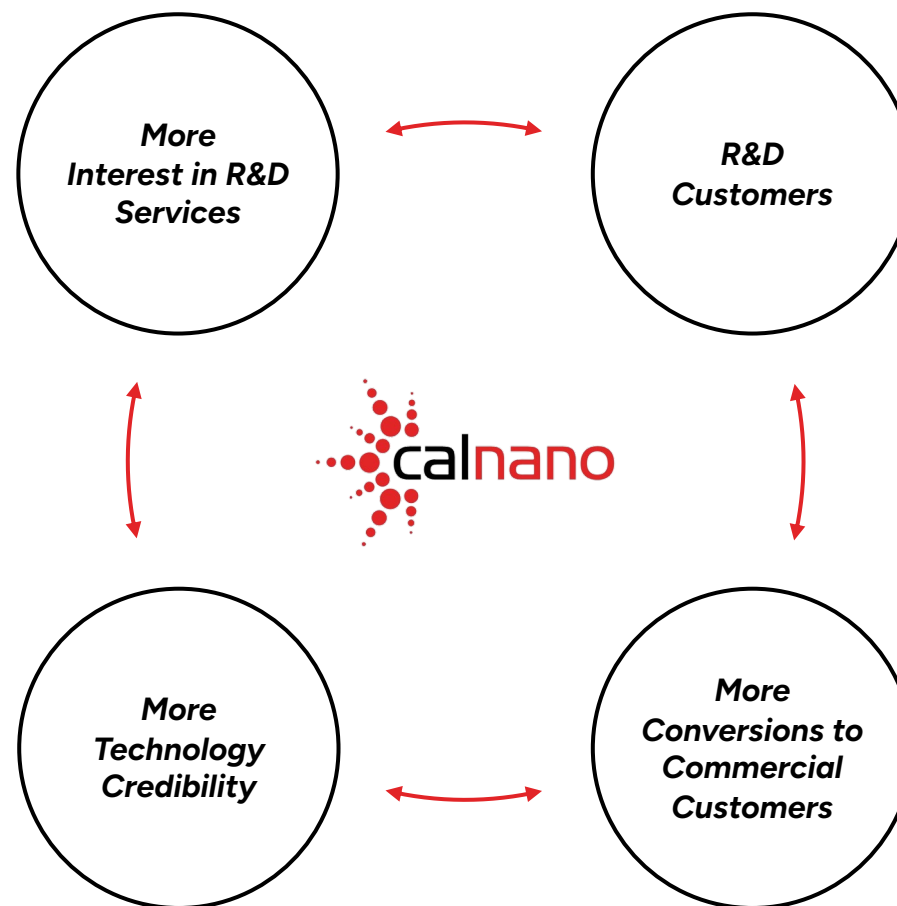


### **Transition from Traditional Sintering**

Traditional sintering techniques are less effective than SPS which will move the technology along adoption curve



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



# Growth strategy to become a more valuable company

Leveraging our profitable and expanding R&D base to become a commercial-scale partner



# Customers & Example Applications

01

## **Materials Technology Startup**

Automotive brakes, rocket nozzles

02

## **American Multinational Conglomerate**

Heat sink and heat exchanger components

03

## **Government National Labs**

High entropy alloys, next gen magnet material development

04

## **Top U.S. Aerospace and Defense Company**

Specialty diffusion bonding

05

## **Leading U.S. Space Technology Companies**

Ceramic and composite heat shields

06

## **OC Oerlikon**

Material grinding and sputtering targets

07

## **AbTech Industries Inc.**

Polymer grinding to fine particle size

08

## **American Multinational Conglomerate**



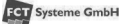



Ultra high temp ceramic for nuclear reactors



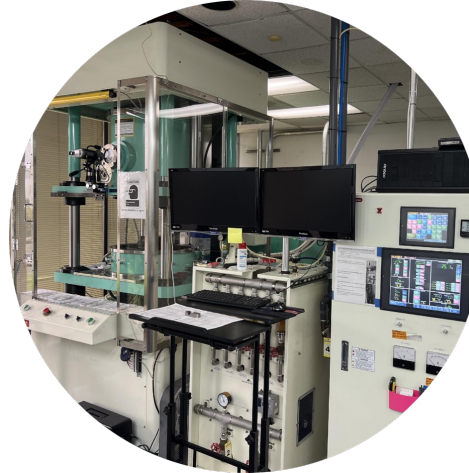


# A unique **service offering** in North America

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

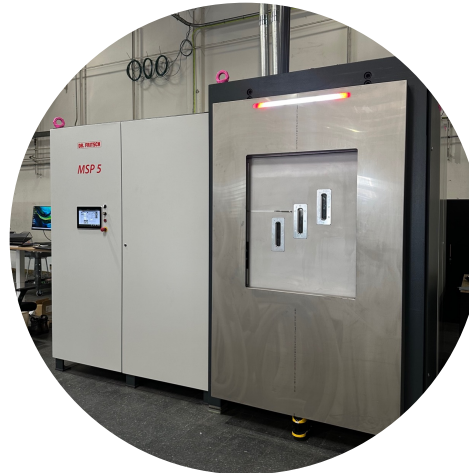
		   Equipment Manufacturers	  National Labs & Universities
Incentive	<b>Sell Manufacturing Services</b>	<b>Sell Equipment</b>	<b>Provide R&amp;D Support</b>
R&D Service Offering	✓	✓	✓
Production Service Offering	✓	-	-
Cost Competitive	✓	-	-
SPS and Cryomilling Access	✓	-	-
Aftermarket Parts	✓	✓	-
Aftermarket Services & Training	✓	✓	-
Current SPS Capacity	<b>1,000s parts/yr</b>	<b>Not Applicable</b>	-
Current Cryomilling Capacity	<b>10,000s kg/yr</b>	<b>Not Applicable</b>	-
Trials Completed to Date	<b>15,000+</b>	-	<b>Varies by Institution</b>

***Two flagship facilities  
located in Southern  
California for core  
**SPS** and **Cryomilling**  
equipment***



### Cerritos Manufacturing Facility

Original 3,500 sq. ft manufacturing facility co-located with sister company Omni-Lite Industries, hosts SPS machines, a cryomill, and associated aftermarket parts and service



### 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**



**Eric Eyerman**

**CEO & Director**

Intimate knowledge of Cal Nano with journey from intern to CEO



**Spencer Song**

**VP of Operations**

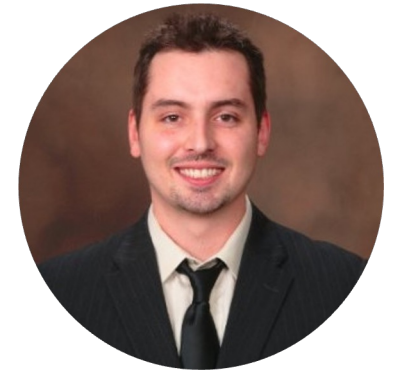
Cryomilling and machining expertise, oversees all project execution



**Brian Weinstein**

**VP of R&D**

Spark Plasma Sintering focus with 2,000+ logged hours in SPS and Cryomilling



**Chris Melnyk**

**Director of Business Development & Director**

Returned Cal Nano insider with diverse expertise in industrials



# Backed by a board with diverse experience



**Roger Dent**

**Board Member**

Capital markets and smallcap investing  
expert



**Sebastien Goulet**

**Board Member**

Operations and manufacturing know-how  
from multinationals



**Dr. Enrique Lavernia**

**Board Member**

World-leading professor and researcher in  
material science

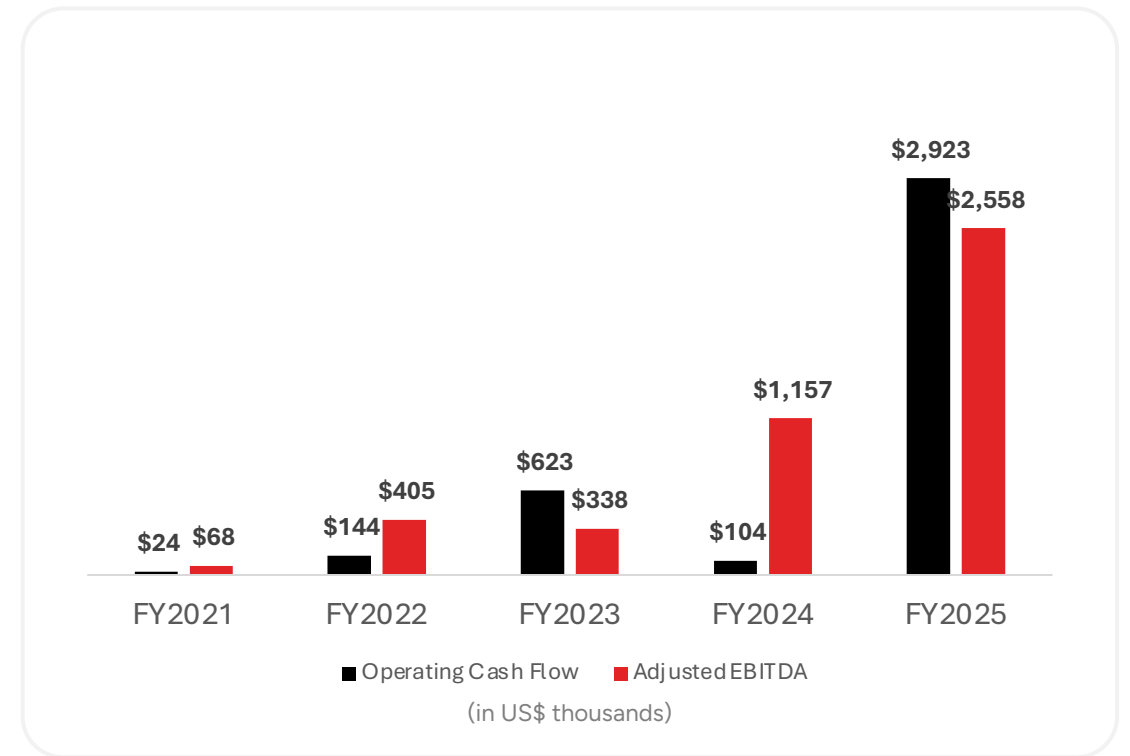
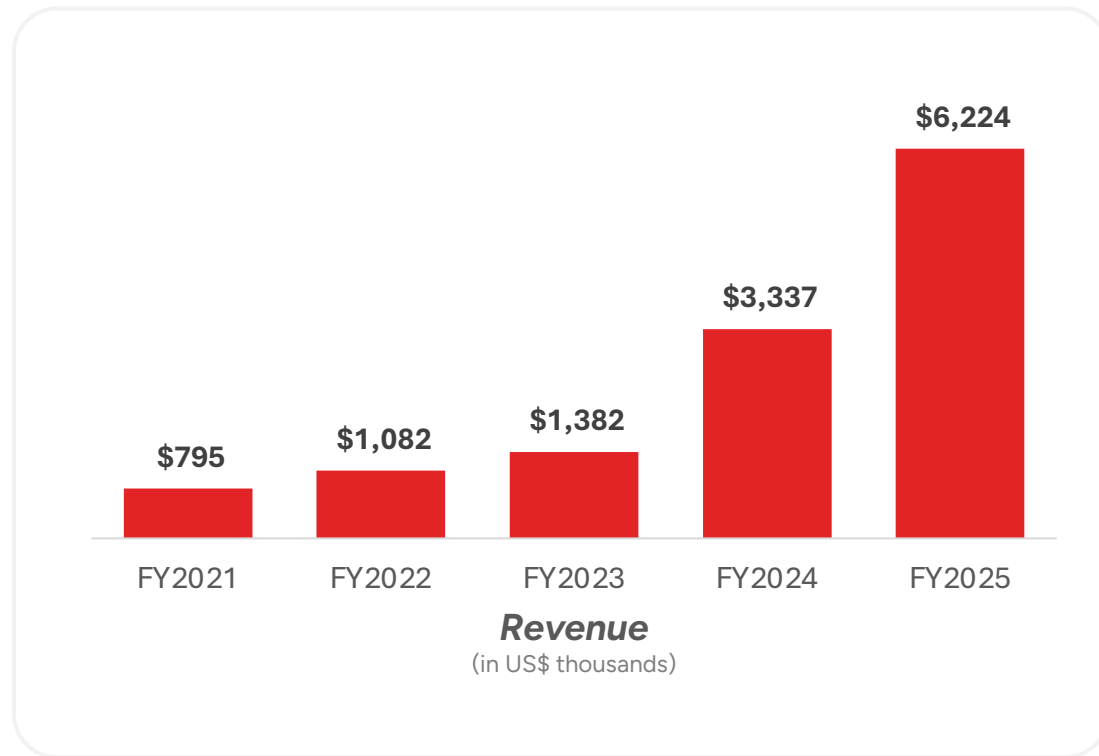




FINANCIAL HIGHLIGHTS

# Focus on *profitable growth* is driving *performance*

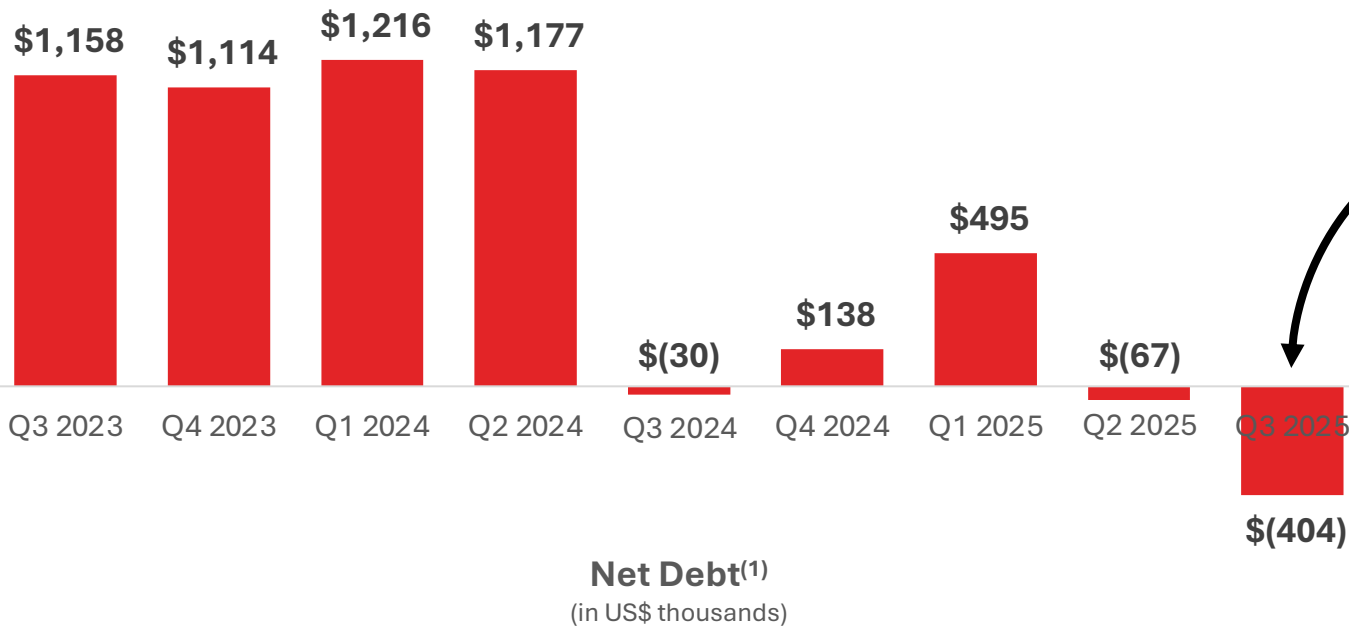
Cal Nano has grown revenues significantly while improving Adjusted EBITDA<sup>(1)</sup> and operating cash flow



## FINANCIAL HIGHLIGHTS

# Improving **balance sheet** while **executing growth**

Management committed to reducing its legacy outstanding debt balance



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

Elimination of legacy debt offers more flexibility to use excess cash generation for organic growth and other initiatives

(1) Non-IFRS Measure

## CAPITALIZATION

# Capitalization Table and Insider Ownership

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

Outstanding Shares	46,464,287
Stock Options	5,104,753
Warrants (Exercisable at CA\$0.25)	1,873,610
<b>Fully Diluted Shares</b>	<b>53,442,650</b>
<b>Market Capitalization<sup>(1)</sup></b>	<b>CA\$26.9M</b>
<b>Fully Diluted Market Capitalization<sup>(1)</sup></b>	<b>CA\$31.0M</b>

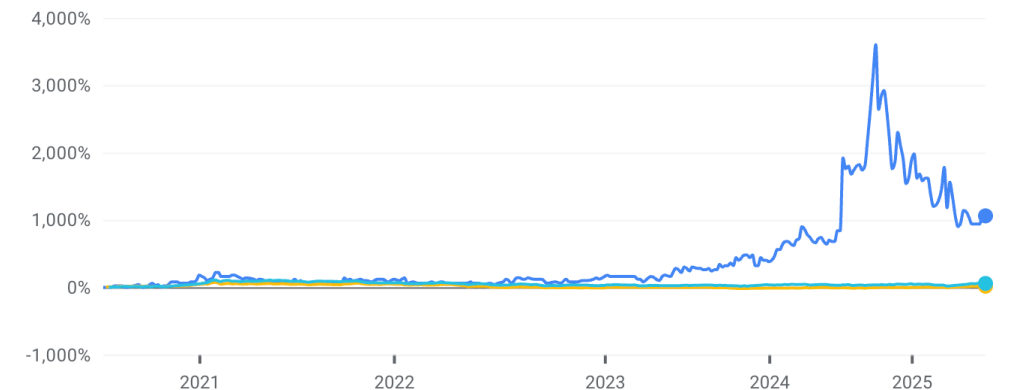
Insider Ownership	Shares	% Outstanding
Omni-Lite Industries Canada Inc.	6,777,270	14.6%
Roger Dent <sup>(2)</sup>	4,079,697	8.8%
Patrick Berbon	3,208,164	6.9%
Eric Eyerman <sup>(3)</sup>	2,991,340	6.4%
Other Insiders	1,816,960	3.9%
<b>Total</b>	<b>18,873,431</b>	<b>40.6%</b>

(1) As of June 30, 2025, at a share price of \$0.58

(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>\$0.58</b>	<b>+\$0.53</b>	<b>1,060.00%</b>
● S&P/TSX Venture Composite	<b>733.37</b>	<b>+100.35</b>	<b>15.85%</b>
● LD Micro Index (USD)	<b>3,212.33</b>	<b>+1,165.26</b>	<b>56.92%</b>



### ***For more information***

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