

STRATEGIC SOVEREIGNTY STARTS HERE

Unlocking Europe's and North America's National Security Advantage with One of NATO's Most Advanced Niobium Projects



**NIO
STRATEGIC
METALS**

Corporate Presentation

June 2026

TSXV: *NIO*

 **NIO
MÉTAUX
STRATÉGIQUES**

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Cautionary Notes Regarding Technical Information: This presentation includes disclosure of scientific and technical information, as well as information in relation to the calculation of resources, with respect to the Oka Project. Nio's disclosure of mineral resource information is governed by National Instrument 43-101 – Standards of Disclosure for Mineral Projects ("NI 43-101") under the guidelines set out in the Canadian Institute of Mining, Metallurgy and Petroleum (the "CIM") Standards on Mineral Resources and Mineral Reserves, adopted by the CIM Council, as may be amended from time to time by the CIM ("CIM Standards"). There can be no assurance that mineral resources will ultimately be converted into mineral reserves. Mineral resources are not mineral reserves and do not have demonstrated economic viability.

Further information about the Sainte-Sophie Niobium Project, including information relating to quality assurance and quality control procedures, is available in accordance with NI 43-101 within the Technical Report entitled "NI 43- Modèle géologique et estimation des ressources de niobium de la zone S-60, Oka, Québec" with an effective date of November 3, 2011, a copy of which is filed under Nio's profile on SEDAR at www.sedarplus.ca. The resources are historical in nature, they have not been validated by the qualified person. These historical resources have not been estimated in accordance with sections 1.2 and 1.3 of NI 43-101, are not up-to-date and should not be relied upon.

The technical information in this presentation has been reviewed on behalf of the Corporation by Pierre-Jean Lafleur, Eng. and geological consultant, is a qualified person within the meaning of NI 43-101 on standards of disclosure for mineral projects.

Corporate Snapshot

Board

Julie Lemieux

Hubert Vallée

Alexandre Triquet

Major-General Sylvain Y. Ménard

Christoph Ebeling

Management

Hubert Marleau

CEO & Chairman

Bruno Dumais

COO & Board

Jean-Sebastien Blanchette

CFO & Board

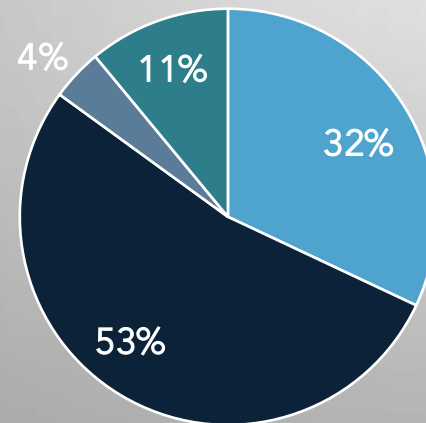
Issued Capital

Shares issued 143 Mln

Share Price C\$0.22

Market Cap C\$31 Mln

Net Cash C\$5.5 Mln



- Main US Investor
- High Net Worth Individuals
- Board Directors & Management
- Others

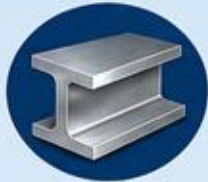
5 Reasons to Invest in Nio Strategic Metals

- 1. World-Class Niobium Asset: High grade deposit (0.7% Nb) with proven metallurgy with access to key infrastructure
- 2. Environmental and Social Benefits for the Local Community
- 3. Strong Economic Returns
- 4. Strategic Asset for NATO to Reduce BRICS Dependency
- 5. Experienced Board and Management Team

Geopolitical tailwinds across Aerospace, EV & Defence



Niobium: A Critical Element in Modern Defense Systems



Modern defense systems require very specific steel grades (**High Strength Low-Alloy steel**).

These steel grades, in turn, cannot be produced without **niobium** in the form of **ferroniobium**.



HSLA steel underpins virtually all load-bearing structures in modern military systems.

HOW NIOBIUM ENABLES HSLA STEEL

FERRONIOBIUM

Niobium is supplied as ferroniobium (an iron-niobium alloy).

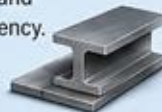


ADDED TO STEEL

Trace amounts of niobium refine the steel's microstructure.



STRONGER, TOUGHER, LIGHTER
Results in HSLA steel with superior strength, weldability, and weight efficiency.



These applications are not peripheral; **they are foundational.**

HSLA STEEL IS USED ACROSS THE FULL SPECTRUM OF MODERN DEFENSE SYSTEMS



ARMORED VEHICLES



MILITARY TRANSPORT & LOGISTICS PLATFORMS



MOBILE LAUNCHER AND RADAR SYSTEMS



BRIDGING AND ENGINEERING EQUIPMENT



HIGHLY STRESSED COMPONENTS IN MILITARY AVIATION



HULLS AND STRUCTURAL FRAMEWORKS OF MODERN NAVAL VESSELS



Why **invest** in Nio Strategic Metals



AEROSPACE AND DEFENCE

Growing demand for Niobium used in jet engines and aerospace applications

Why **invest** in Nio Strategic Metals

USES OF NIOBIUM

Niobium is a versatile metal used in a wide range of industries due to its unique properties, such as high strength, corrosion resistance, and ability to improve alloy performance.



AEROSPACE

Niobium is used in high-strength, low-alloy steels and superalloys for aircraft and rocket components, improving performance at high temperatures.



OIL & GAS INDUSTRY

Niobium-containing steels are used in pipelines and offshore structures due to their high strength and resistance to corrosion and hydrogen embrittlement.



MEDICAL APPLICATIONS

Niobium is biocompatible and used in medical implants and surgical instruments, as well as in MRI superconducting magnets.



AUTOMOTIVE

Used in high-strength steels for vehicle components, niobium helps reduce weight while improving safety and durability.



CONSTRUCTION

Niobium microalloyed steels are used in high-rise buildings, bridges, and other infrastructure for enhanced strength and durability.



SUPERCONDUCTING APPLICATIONS

Niobium is essential in superconducting materials used in particle accelerators, fusion reactors, and advanced research equipment.



TOOL STEELS

Adds strength, wear resistance, and heat resistance to tool steels used in cutting tools and industrial equipment.



STAINLESS STEEL

Niobium is added to stainless steel to improve weldability, strength, and resistance to intergranular corrosion.



ELECTRONICS

Used in capacitors and electronic components, where its oxide layer provides excellent insulating properties.

80% of Ferroniobium is used in HSLA steel to increase mechanical strength, thermal and corrosion resistance

Why invest in Nio Strategic Metals

EV AND ENERGY TRANSITION

Fast charging batteries and longer charges

Adding 300 g of Nb reduces the weight of steel structures by 200 kg

AI SERVERS

Niobium phosphate makes data centers more efficient

From batteries to data centers, niobium powers the technologies of tomorrow.

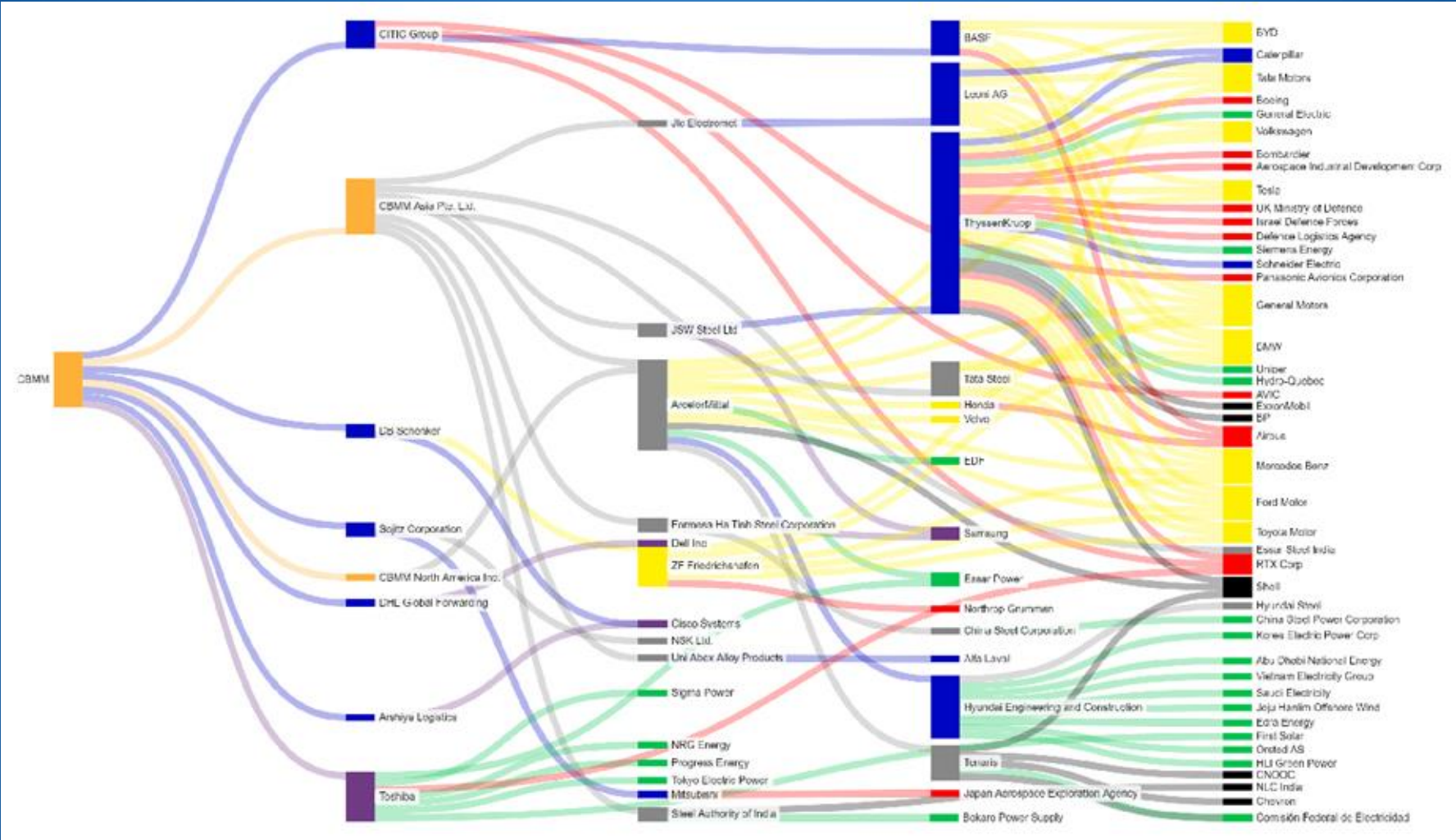
Why Invest in Nio Strategic Metals

DEMAND

1. 90% of global niobium production comes from one mine in Brazil (partly owned by Chinese interest); the other 8% comes from a mine in Quebec (controlled by Chinese interest)
2. There are few economically viable niobium deposits in the world
3. Nio is right-sized, as production would be around **4% of global supply**

STRATEGIC NIOBIUM: 98% beyond NATO control

The Niobium Supply Chain



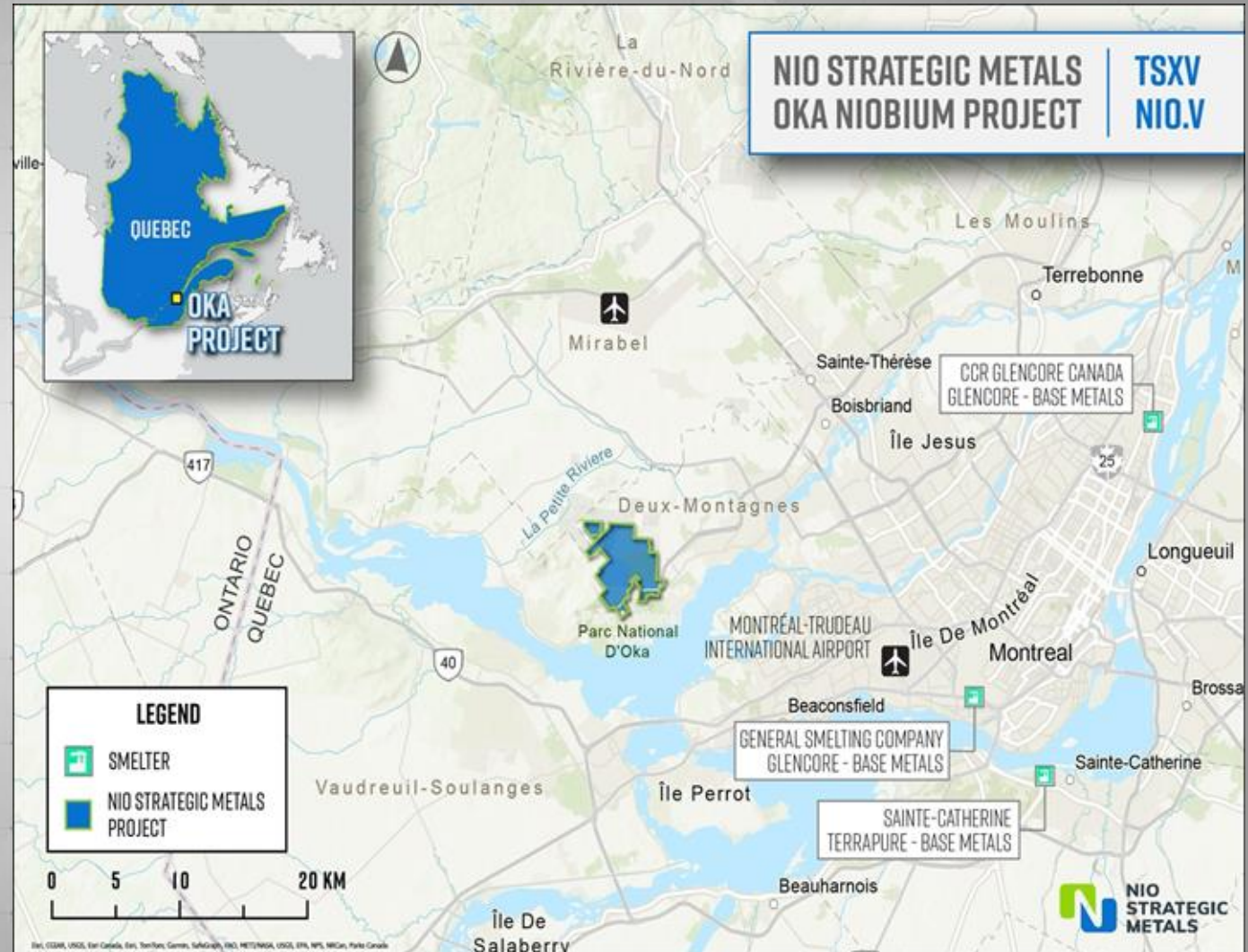
Source: Niobium and the EU:
Green Dreams or War Machines?

The Oka Project: NATO's Most Advanced Western-controlled path forward

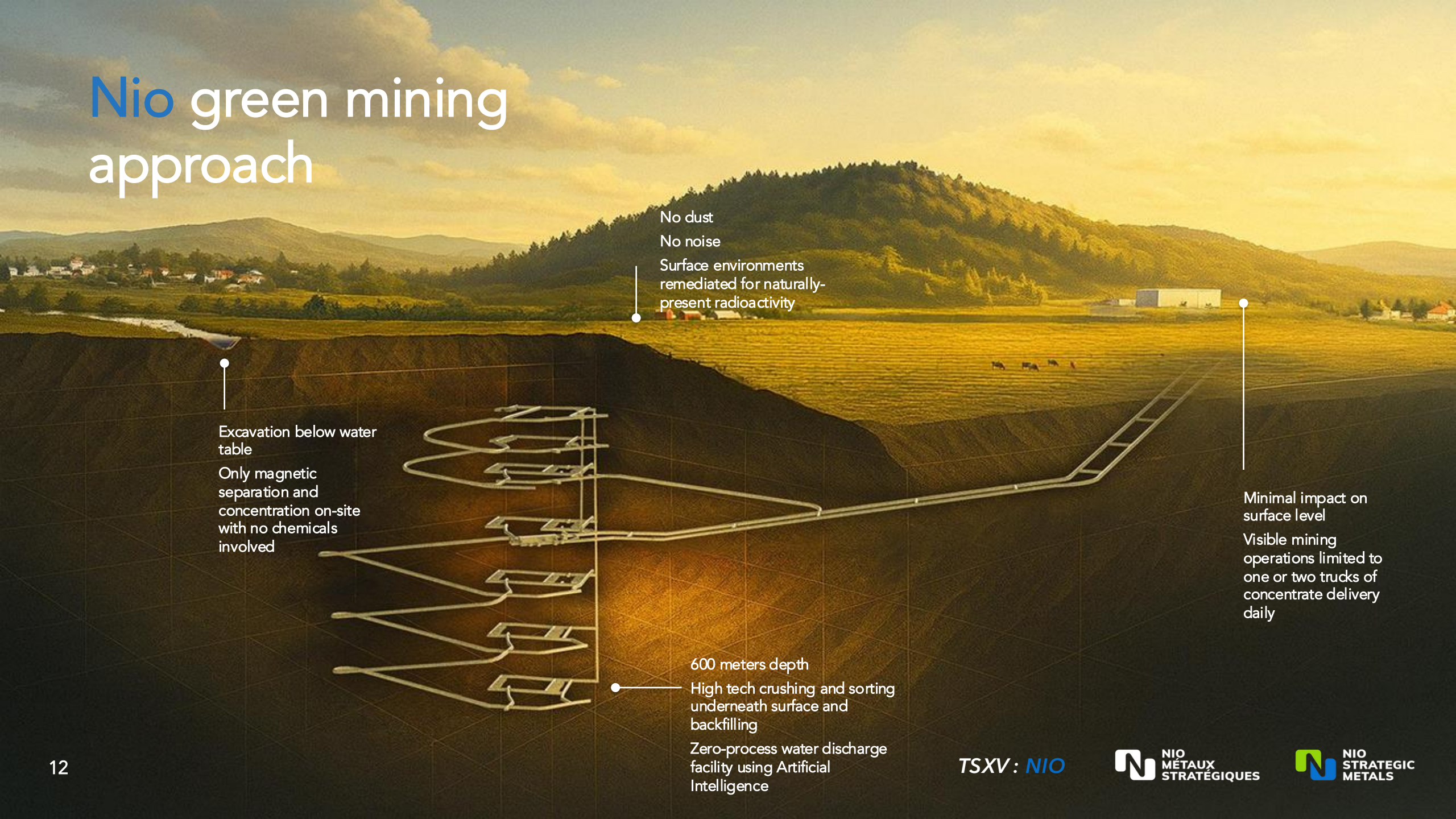
Proximity to Montreal:

- Access to talented workforce
- Hydro-Electricity
- Smelters / metallurgical sites
- Top mining jurisdiction in the world
- Manageable capital expenditures
- Aligned with NATO interests, First Nations partnerships, and clean mining practices

This is more than a mine. It's a gateway to defence sovereignty.



Nio green mining approach



No dust
No noise
Surface environments
remediated for naturally-
present radioactivity

Excavation below water
table
Only magnetic
separation and
concentration on-site
with no chemicals
involved

600 meters depth
High tech crushing and sorting
underneath surface and
backfilling
Zero-process water discharge
facility using Artificial
Intelligence

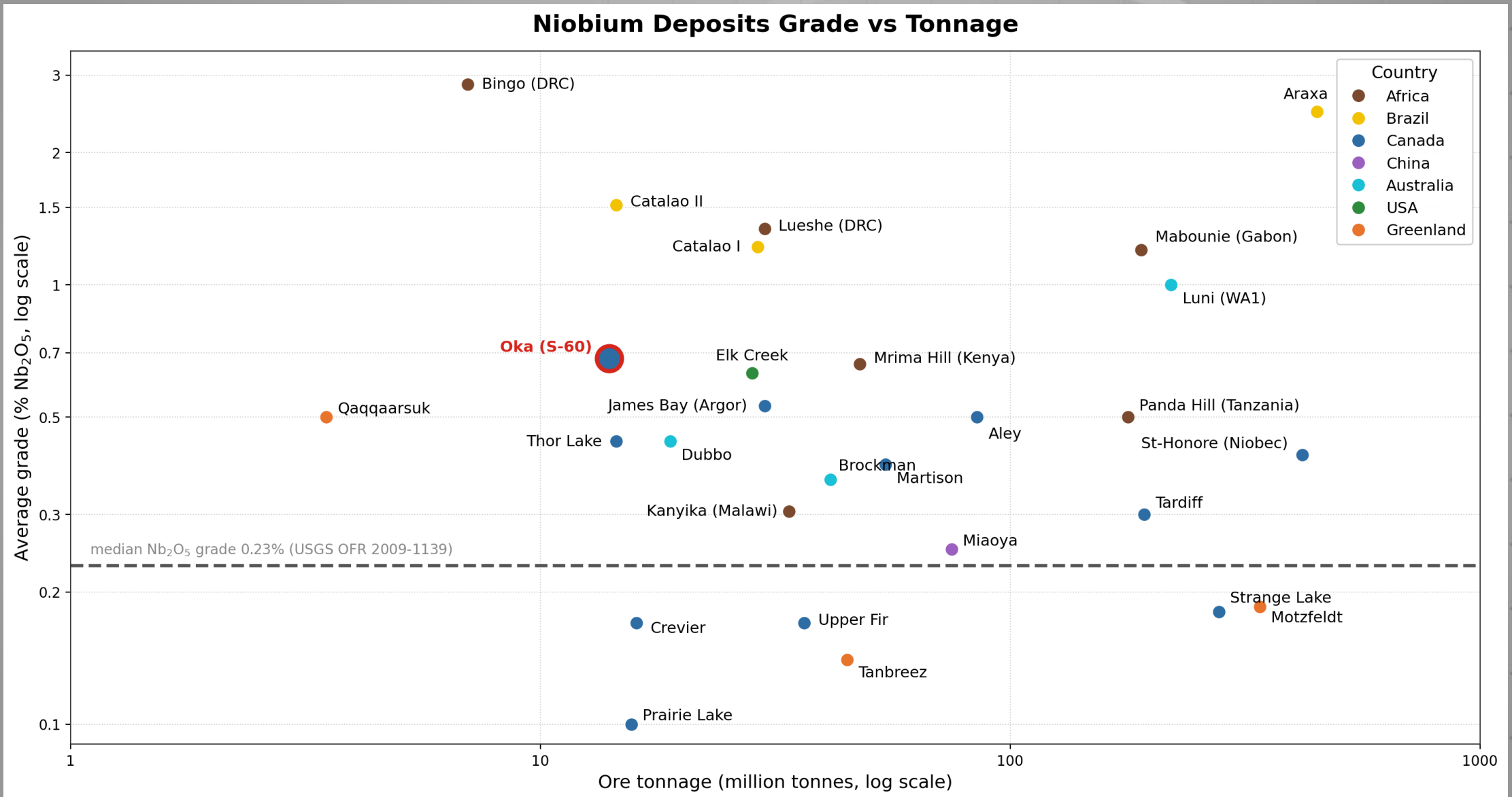
Minimal impact on
surface level
Visible mining
operations limited to
one or two trucks of
concentrate delivery
daily

OKA Niobium: Significant Deposit with Historical Resource

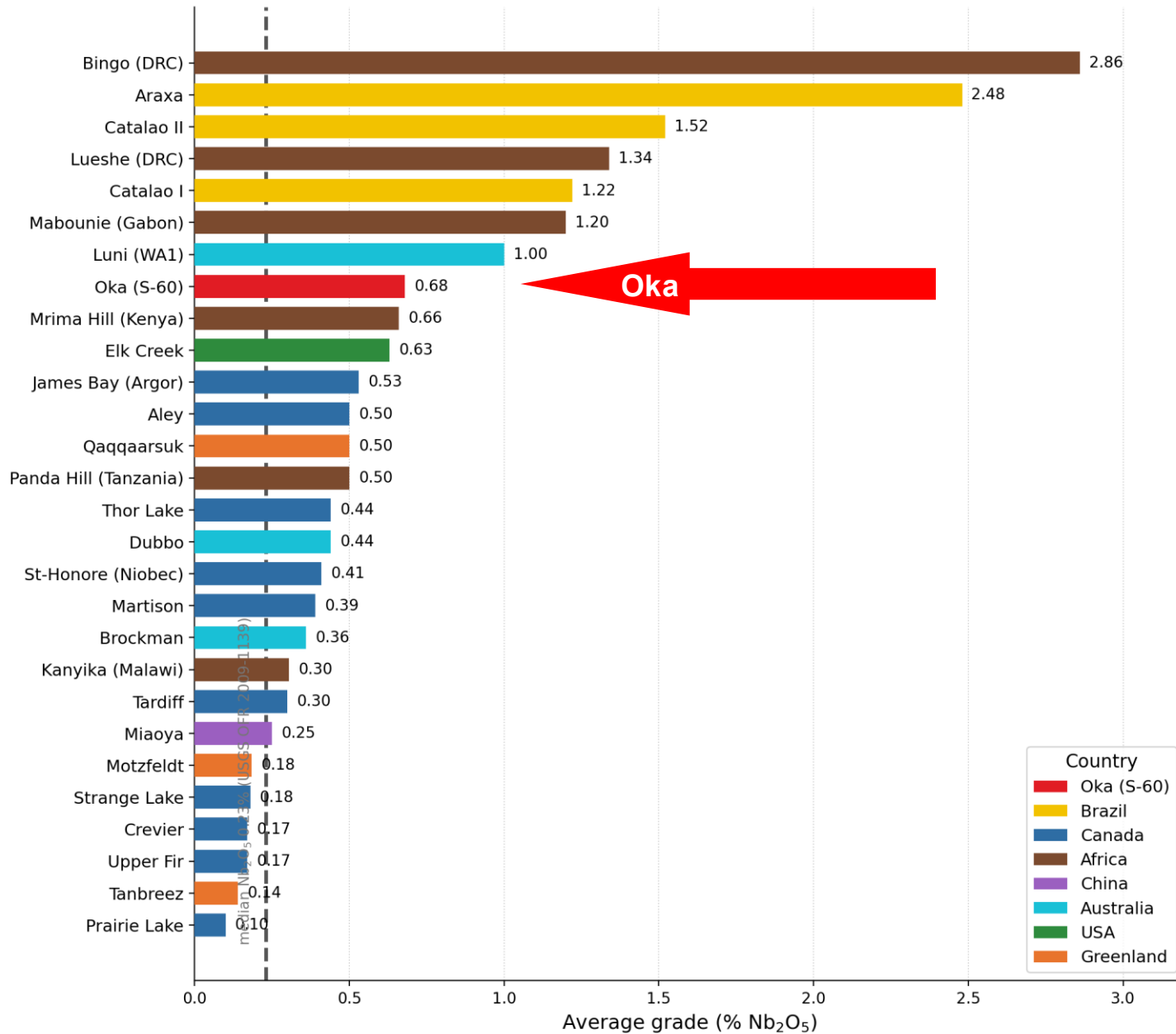
Resource Category	Mtonnes	% Nb ₂ O ₅
Measured	4.28	0.72
Indicated	6.35	0.65
Total	10.63	0.68
Inferred	3.22	0.61

Reported at a 0.40% Nb₂O₅ cut-off grade

Oka Niobium: Outstanding Grade and Right-Sized

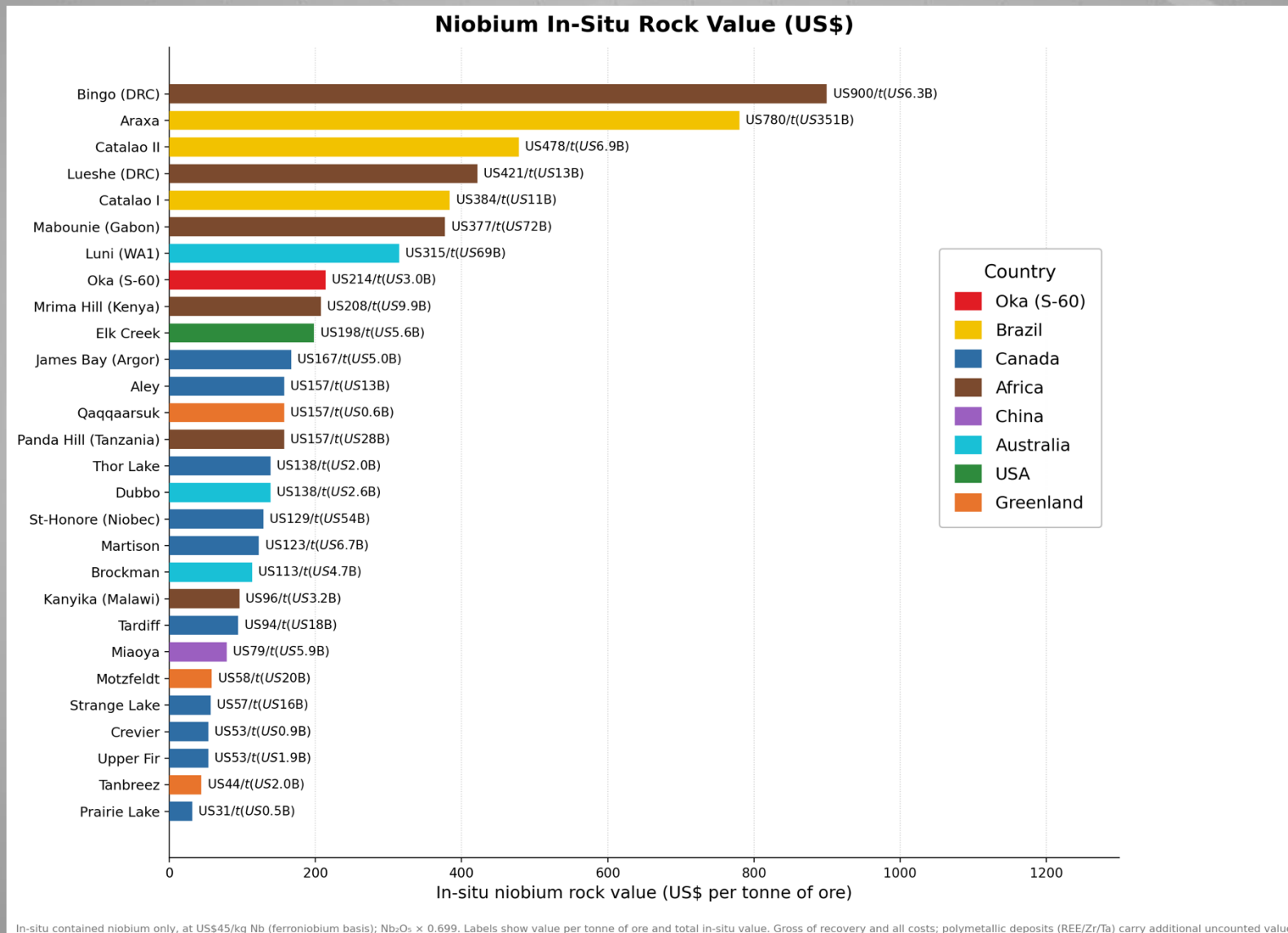


Niobium Deposits Grades



Oka Niobium:
Outstanding Grade and
Right-Sized

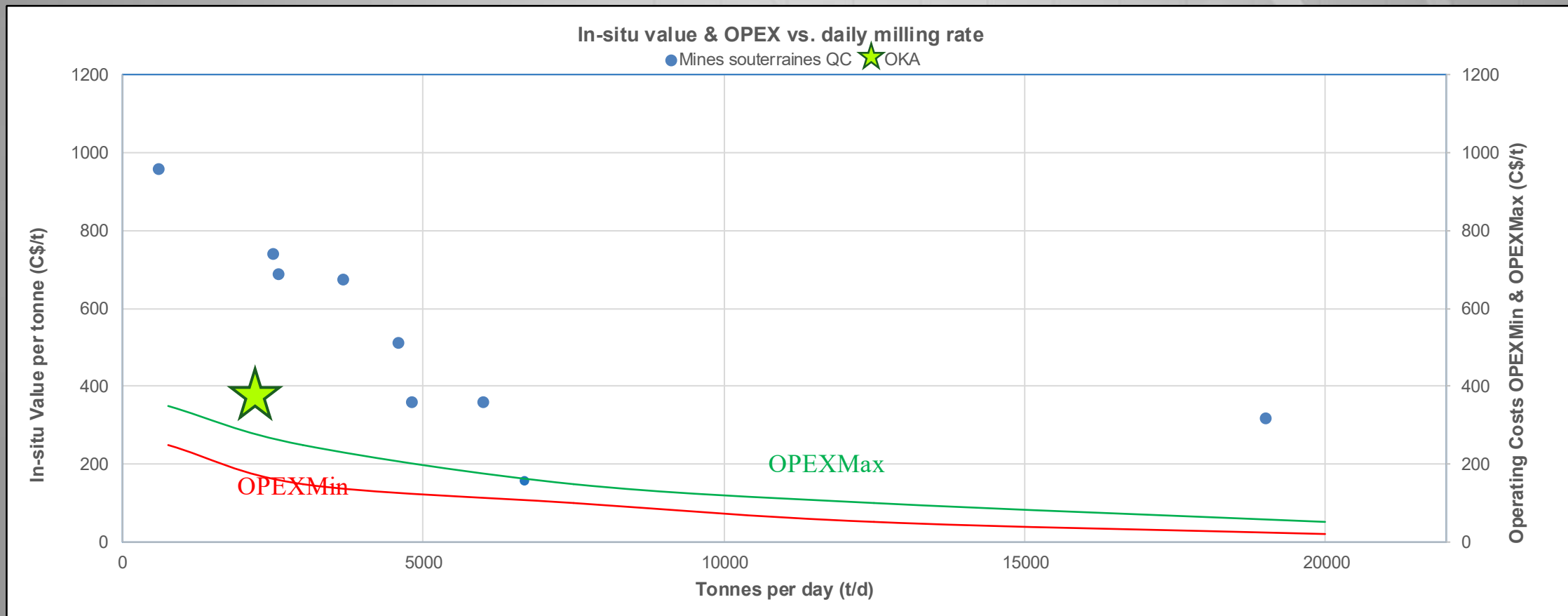
Oka Niobium: In-Situ Rock Value



Oka Niobium: Rock Value as good as a Gold mine!

Selected Quebec underground mines benchmarked against the operating-cost envelope

OKA sits above both OPEX curves — in-situ value comfortably exceeds costs.



Financial Aspects

EXPECTED AFTER-TAX CASH FLOWS

ECONOMIC HIGHLIGHTS (in CAD)

Unit

Feasibility Metrics (8% discount rate)

After-tax Net Present Value (NPV)	405,334	CAD \$M
After-tax IRR	30.05%	

Financials Summary

	per year	total	
Revenues (Sales)	195	3,319	CAD \$M
Operating Expenses (OPEX)	80	1,907	CAD \$M
Operating Income (After tax and mining duties)	82	1,402	CAD \$M
Initial Capital Expenditures (CAPEX)		466	CAD \$M

Production Summary

Life of Mine ("LOM")		17	years*
Ferro-Niobium (0.65% Nb ₂ O ₅)	4,370	71,562	Metric Tons

*: may be extended upon further drillings

The financial information was derived from the 2009 Update of CAPEX / OPEX realized by DRA Global (formerly Met-Chem). A revised operational process will be implemented to consider new green mining concept which may impact results. The financials considered an inflation rate of 1.015% per year for the period comprised between 2009 – 2025. The Niobium price was adjusted from 40.67\$/kg to \$54.00/kg to reflect current market conditions. Additional resources may be found and processed at the site which would impact positively the Revenue and the Net Revenue Royalty. The initial CAPEX required to operate the mine is estimated to cost \$448M over initial 3 years.

- ✓ Project would become the 2nd largest North American Niobium site
- ✓ Sustainable competitive advantage as compared to existing producers

St Lawrence Columbium was mined once before, and **trust** was broken

- Previous mining activity on this land caused environmental degradation and ignored Indigenous voices
- Though Nio had no role in that era, the legacy remains
- Community concern is real, and entirely justified
- Public resistance, political hesitation, and media backlash are likely if trust isn't rebuilt

You don't earn a social license by filing paperwork. You earn it by listening, partnering, and staying accountable.

The Vision : Niobium 100% Unique

GREEN
SUSTAINABLE
SAFE MINING

Nio Strategic Metals aims at becoming the reference in green mining of critical minerals.

- The Oka project will unlock Canada's Critical Minerals Advantage by developing one of North America's Only Western-Controlled Niobium Project while accelerating the transition to a lower carbon economy.
- The European steel industry desperately longs for a 4th FeNb supplier from a first-class country

Mining definition in 2026

Positive impacts for the environment
Proven technologies and processes
Positive impacts for the community
Better Infrastructure

Our values

Transparency
Environment first
Safe and proved mining processes
Solid Governance

Strategic **Roadmap** to provide sustainable supply chain to US and European markets



1. Recognize Niobium as NATO-Compatible Investment and reduce dependency of the Western world on BRICS dominated supply



2. Nio to provide end-to-end secure supply chain for Western Defence Industry




3. Implement Green mining standards and value-added products using European technologies



4. Develop a Vertically-integrated Niobium Value Chain

- Invest in Innovation and value-added products using European advanced technologies

By acting now, Canada can lead the democratic world in responsible niobium production, ensuring resilience across energy, defence, and advanced manufacturing sectors.



For sovereignty
For responsible mining
For defence industrial strategy

NIO IS THE PARTNER OF CHOICE



Sovereign. ESG-aligned. Built on trust.

**NOT JUST A DIFFERENT MINE. A DIFFERENT MINDSET WITH
CANADIAN LEADERSHIP.**

Q&A

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NIO: A UNIQUE VALUE PROPOSITION



CRITICAL MINERAL

A state-of-the-art sustainable mining plan



GREEN MINING DESIGN

No chemicals involved processes; waste management to reduce burden of traditional mining and radioactivity / Radon remediation



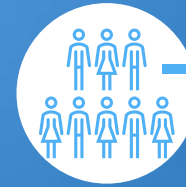
POSITIVE IMPACT FOR THE ENVIRONMENT

Remediating historical tailings while restoring local biodiversity and water systems



SOLID FOUNDATION

Solid Balance Sheets
Strong Economics



A BOARD ALIGNED WITH NATIONAL INTEREST

Leadership across Metallurgy, Defence, Government relations, Social Acceptance and Finance to promote prosperity for all stakeholders

Nio is at the forefront of the critical material low-carbon impact production