

October 2024

Critical and strategic minerals: when policy equals actions



Fleuve Saint-Laurent
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Québec 

Québec: One of the world's most attractive mining jurisdictions

Producing Mines

- Gold
- Iron
- Zinc-copper
- Titanium
- Niobium
- Lithium
- Graphite
- Feldspar
- Mica
- Salt
- Nickel – Copper – Cobalt – Platinum group elements

Green Energy



In Canada, provinces have the ultimate jurisdiction over natural resources

QUÉBEC'S MINING SECTOR BY NUMBERS



+ 350 000
active mining claims



+ 20
producing mines



37
mining projects that reached
the development stage



4,7 G\$
In private mining investments
(2023 –preliminary data)

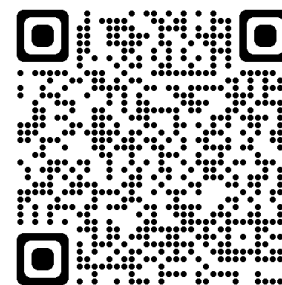


19,8 G\$
In value of shipments (2022)

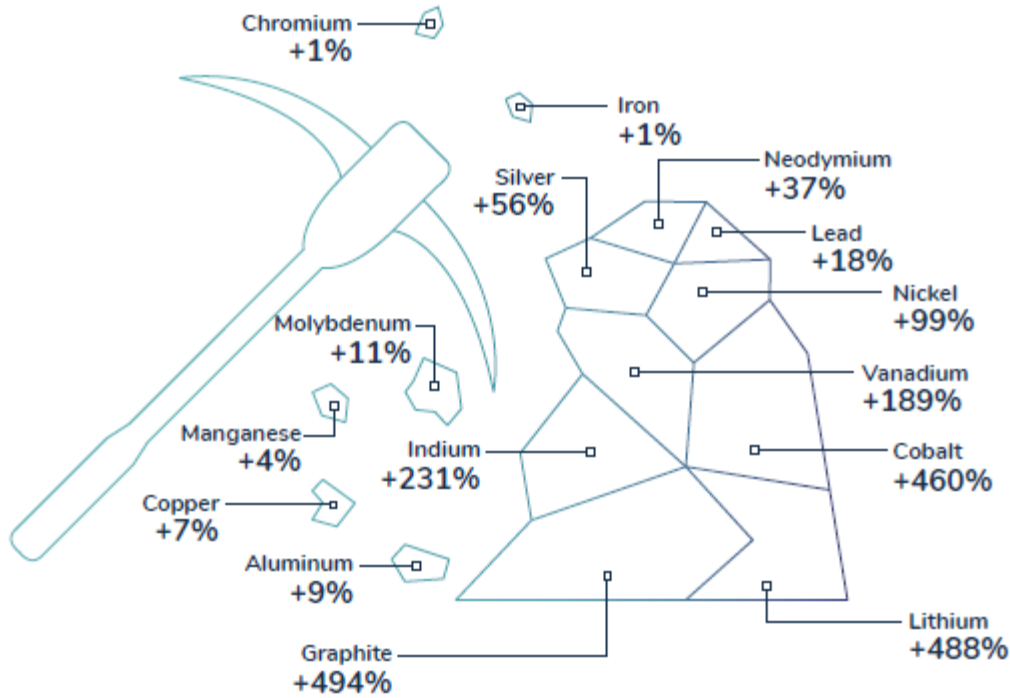
Québec: One of the world's most attractive mining jurisdictions

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- The most diversified resources in Canada
- Stable political context and robust legal framework
- Competitive and modern mining and taxation regime
- Various and adapted incentives favouring investment
- Applied research centres and several support measures for research and development
- Skilled workforce
- Vast network of infrastructures offering quick access to the United States and Europe



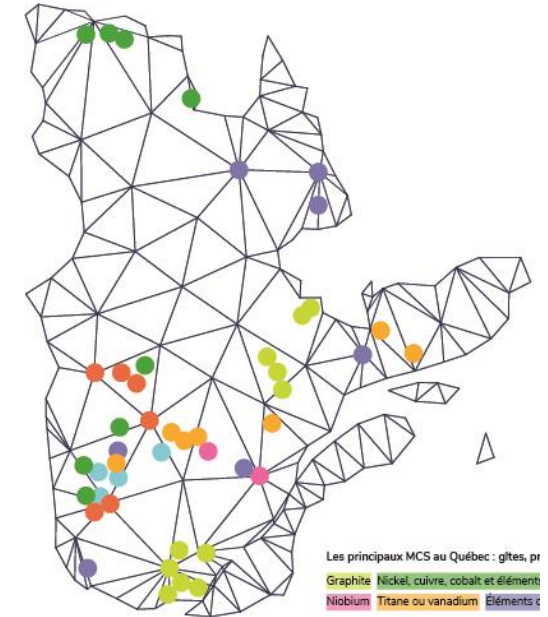
Québec's Critical and Strategic Minerals



A Growing demand

Source: United States Geological Survey, 2019, and World Bank, 2020.

- Graphite
- Nickel, Copper, Cobalt and Platinum Group Elements
- Lithium
- Niobium
- Titanium or Vanadium
- Rare Earth Elements
- Zinc and Copper



What Québec can offer

Source: [Québec Plan for the Development of critical and strategic minerals 2020-2025 \(quebec.ca\)](https://www.quebec.ca/quebec-plan-for-the-development-of-critical-and-strategic-minerals-2020-2025)

Québec: A CSM's leading mining jurisdictions

A track record that attracts attention:

- 1st in Canada to launch a plan for the development of critical and strategic minerals
- 1st producer of high-purity scandium oxide in North America
- #1 producer of niobium in the Northern Hemisphere
- #1 producer of graphite in Canada
- Over 50% of lithium projects in Canada



In Canada, provinces have the ultimate jurisdiction over natural resources

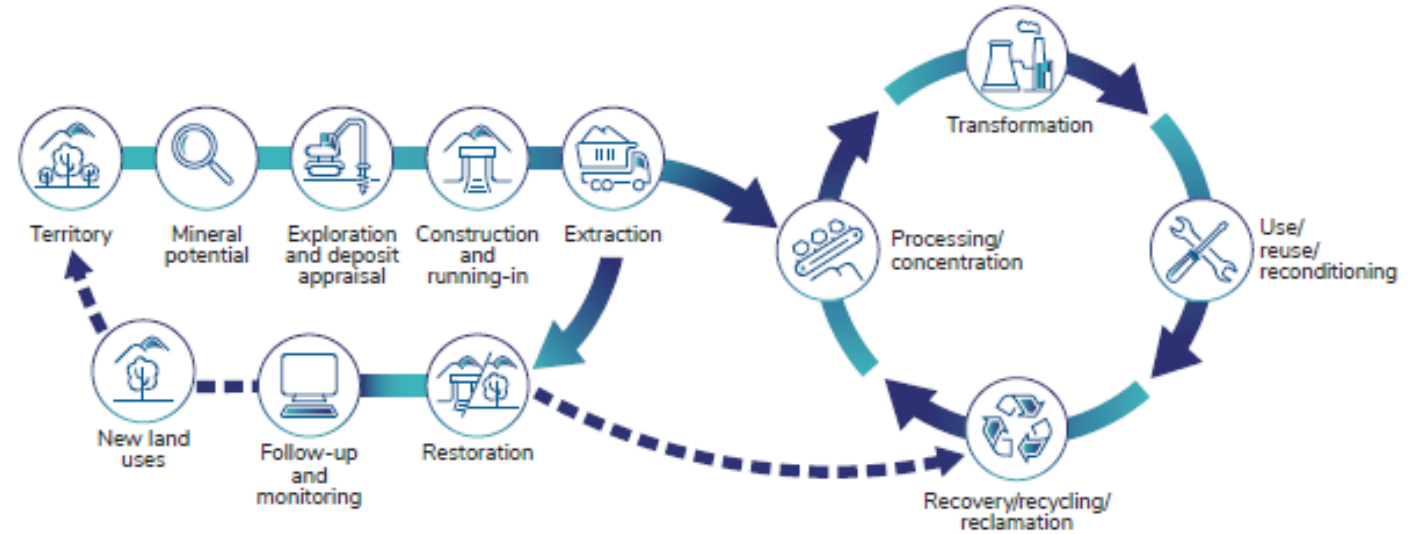


Québec Plan for the Development of Critical and Strategic Minerals 2020-2025

Québec Plan for the Development of Critical and Strategic Minerals – a comprehensive approach



Typical CSM Value Chain in a Circular Economy



Diverse, Transparent, Sustainable and Secure Supply Chains

AN ADVANTAGEOUS TAX SYSTEM - CSM

Under the Mining Tax Act, Québec's tax regime includes various measures to support companies in different phases of the mining cycle, including:

- ❑ Refundable duties credit for losses: allowance for CSM development
- ❑ Allowance for community consultations
- ❑ Allowance for environmental studies
- ❑ Exploration allowance
 - extra 25% to exploration expenses incurred in northern Québec
 - Additional allowance for a mine situated in northern Québec
- ❑ Processing allowance: to acquire assets used in ore processing.
- ❑ Tax holiday for large investment project particularly targeting the CSM extraction sector
- ❑ Investment and innovation tax credit for hydrometallurgy
- ❑ Refundable tax credit relating to mineral :refund of up to 38.75% of eligible exploration expenses
- ❑ Flow-through share system: individuals can deduct up to 120% of the cost of their investment



QUEBEC INC. – A UNIQUE FINANCING ECOSYSTEM

- ❑ SIDEX
- ❑ Cree Mining Exploration Board and Nunavik Mineral Exploration Fund
- ❑ Société de développement de la Baie-James
- ❑ Société du Plan Nord
- ❑ Mining Investment NQ Fund
- ❑ INVESTISSEMENT QUÉBEC
 - ❑ SOQUEM
 - ❑ NATURAL RESOURCES AND ENERGY CAPITAL FUND
 - ❑ \$1 Billion + \$ 500 million for CSM's project



SUPPORTING INNOVATION



- ❑ Mineral Exploration Program for CSM (geomettallurgy)
 - ❑ Joint Research Program on Sustainable Development in the Mining Sector
 - ❑ Mining Research and Innovation Support Program (PARIDM – In French only)
 - ❑ Circular Economy Program
 - ❑ Process Improvement Program
 - ❑ Environmental Certification Program
 - ❑ Scale Up Program
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- ❑ more than 50 M\$ 2020-2025



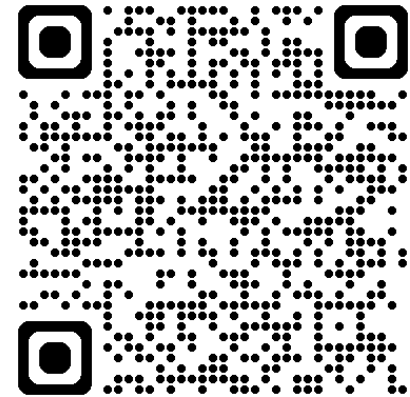
CSM SCIENTIFIC RESEARCH NETWORK



Propulsé par:

Québec  CRITM 

- ❑ Funded by MRNF and MEIE
- ❑ Launched february 2023
- ❑ 300 members: industry, research centers, universities, research orgnizations
- ❑ Steering comitee: 21 members
- ❑ Scientific comitee: 10 members
- ❑ One president, 5 VP, 1 coordinator
- ❑ One specific program for collaborative and pre-competitive research – 11 M\$



ACCESS FOR COMPANIES TO Federal FUNDING

- ❑ Canada-U.S. Joint Action Plan on Critical Minerals Collaboration
- ❑ Canada-U.S. Energy Transformation Task Force
- ❑ Critical Minerals Infrastructure Fund (CMIF)
- ❑ Critical Minerals Research, Development and Demonstration Program
- ❑ Innovation, Science and Economic Development Canada
- ❑ Flow through Shares and Tax Credits
 - ❑ (Canada Revenue agency)



Results

Mining Projects

- 2019 : 23 **+ 61 %**
- 2024 : 37

Mining Investment

- 2019 : 2,98 G\$ **+ 91 %**
- 2023 : 5,69 G\$

Exploration and Project Development (CSM's)

- 2019 : 141 M\$ **+ 271 %**
- 2023 : 524 M\$

Mining Investment by Australian Companies

- 2019 : 69,1 M\$ **+ 1303 %**
- 2023 : 969,3 M\$

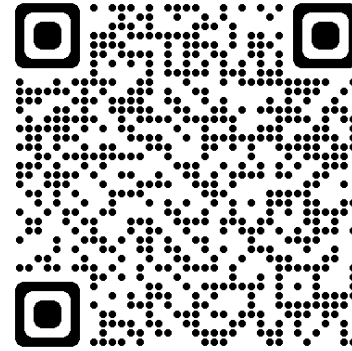
Two Major Lithium Discoveries by Australian Companies

- Adina
- Shaakichiuwaanaan

Québec: Visionary and coherent government policies

Favour the development of CSMs, from the mine to batteries

- Québec's battery strategy
- 2030 Plan for a Green Economy
- Northern Action Plan
- Québec green hydrogen and bioenergy strategy



Merci!

Quebec.ca/international



Québec Plan for the Development
of Critical and Strategic Minerals:



Vieux-Québec
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