

A UNIFYING VISION OF MINING DEVELOPMENT IN QUÉBEC, THE OUTCOME OF CONSULTATIONS OF QUÉBEC MINING DEVELOPMENT STAKEHOLDERS

3 broad guidelines that adhere to the principles of sustainable development

➤ 38 objectives

➤ 50 actions



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STRATEGIC VISION for Mining Development in Québec

GUIDELINE 1 ADVANCE EXISTING MINING INDUSTRIES AND DEVELOP NEW ONES

4 FOCUS AREAS, 19 OBJECTIVES, 27 ACTIONS

EXPLORATION

Provide more effective support to exploration companies

- Renew SIDEX's mandate
- Reduce statutory work expenditures by 35%
- Assess the effectiveness of tax support measures for exploration

Encourage the transfer of technology to junior exploration companies and develop entrepreneurship

- Continue to support CONSOREM

Acquire more geoscience knowledge and make it easier to access

- Continue to fund the mining heritage component of the Natural Resources Fund
- Improve the SIGÉOM information system to adhere to new standards
- Add a new peat moss component to SIGÉOM

Stimulate R&D investments

- Optimize R&D support for exploration companies

Reduce administrative formalities and delays related to claim acquisition

- Simplify administrative processes and reduce claim acquisition delays
- Implement measures to reduce sources of discontentment related to the application of the Mining Act

MINING

Build new infrastructure and share existing infrastructure

- *\$200 million over 5 years to accelerate investments in port infrastructure (Maritime Strategy)*
- *Provide access to suitable rail services; introduce a model for air transportation that ensures all users have access and share costs; improve highways 389 and 138 in the Côte-Nord region, and the James Bay Road in Nord-du-Québec; establish a new*

statute for northern roads, complete with standards suited to the northern environment of the Plan Nord territory

- *Acquire rail and port infrastructures in the Pointe-Noire area of Sept-Îles*

Promote lower-cost clean energy sources

Address the high number of retirements

- Refer to the actions presented in Focus Area 3 on monitoring labour and training developments in the mining sector

Financially support mining projects

- *The Mining and Hydrocarbon Fund (MHC) was provided with a budget of \$1 billion*

Accelerate the processing of authorizations required to start a mining project

- Make public a normative framework for the mining industry
- Set maximum delays to process mining leases and exclusive leases to produce peat
- Create a single point of access to facilitate the processing of mining leases and exclusive leases to produce peat

Ensure stable and predictable research funding and integrate research findings

- Establish a normative framework for research
- Integrate the findings of the Joint Research Program on Sustainability in the Mining Sector

Improve productivity in the mining industry and support the commercialization of research results

- Financially support COREM, a consortium of applied research for the processing of mineral substances
- Examine the possibility of implementing support measures for the commercialization of research results
- Ensure access to commercialization support services and funding for innovation

PRIMARY METAL MANUFACTURING

Strengthen the position of Québec's industry

- Develop an action plan for Québec's metallurgy industry

Promote the growth of primary metal manufacturing in Québec

- Finance companies that process ore and metals from Québec
- Support research into metallurgical processes for lithium and rare earths
- Develop pilot-plant services for hydrometallurgical processes

NETWORK OF SUPPLIERS AND EQUIPMENT MANUFACTURERS

Improve SME recognition and focus on networking and complementary expertise

- Encourage partnerships between suppliers and equipment manufacturers in different regions

Promote continuous improvement of operations

- Test the application of an industry-wide continuous improvement process

Intensify foreign marketing efforts

- Elaborate a development strategy for markets outside Québec for mining-sector equipment manufacturers and service providers

Improve the ability of Québec companies to stand out through sustainable development

- Address the issue of corporate social responsibility awareness and positioning for SMEs

Respond to skilled labour needs in the metal manufacturing sector in outlying regions

- Offer apprenticeships to welders and machinists

Mining companies have challenges to meet; be it to develop expertise in new metallurgical processes, to adapt their business model to comply with responsible mining initiatives. Québec's strategic vision for mining development gives as much consideration to the conditions for success as it does to the challenges and opportunities that lie ahead. It puts forth clear lines of action that will reinvigorate the mining industry and solidify Québec's position among the leaders of responsible mining development.

STRATEGIC VISION

for Mining Development in Québec

GUIDELINE 2 PREVENT AND MITIGATE ENVIRONMENTAL IMPACTS

8 OBJECTIVES, 8 ACTIONS

Continue to rehabilitate abandoned mine sites

- Rehabilitate priority sites
- Make public the list of contracts awarded for abandoned mine site rehabilitation

Increase awareness of the new rules concerning active mine sites

- Make public approved rehabilitation and restoration plans and the amounts of financial guarantees

Implement land conservation measures

- Propose solutions to reach government targets for protecting the Plan Nord territory and reconciling economic development, social well-being and environmental protection over 30% of its area

Optimize how the mining industry operates within a sustainable development context

- Determine ways to optimize metal consumption and document the impacts of the Québec mining industry on the environment

Stimulate research into mine waste valorization

- Add a research niche on mine tailings valorization to the Joint Research Program on Sustainability in the Mining Sector

Support energy efficiency

- *Québec Energy Policy 2030*

Develop renewable energy sources

- Evaluate the feasibility of using emerging technologies associated with renewable energy in mining operations

Adopt clean technologies

- Make mining companies aware of Québec's technological innovations

GUIDELINE 3 PROMOTE TRANSPARENCY AND CITIZEN PARTICIPATION

11 OBJECTIVES, 15 ACTIONS

Promote corporate social responsibility

- Contribute to the preparation of sustainable development certification in Québec's exploration sector
- Create indicators to monitor the social impacts of mining projects
- Monitor labour developments in the mining sector
- Apply responsible investment criteria to projects submitted to the Mining and Hydrocarbon Capital Fund

Implement the Mining Act

- Establish a framework for evaluating the new provisions of the Mining Act

Promote the harmonious co-existence between mining activities and other land uses

- Submit land-use guidelines and monitor the delimitation of mining-incompatible territories
- Identify the conditions under which authorities with municipal jurisdiction over land covered by the James Bay and Northern Québec Agreement could delimit mining-incompatible territories

Better define the factors that influence social acceptability

- Fund research projects on social acceptability and the public perception of the mining industry

Social acceptability factors to consider when evaluating mining projects

- Implement an action strategy with municipalities, citizens and Aboriginal communities

Find solutions to fly-in/fly-out issues and help municipalities respond to the infrastructure and service needs created by mining projects

Engage aboriginal people in mineral resource development

- Conclude new agreements for Aboriginal mining funds

Promote hiring of local and aboriginal workers

- Advise and assist mining companies to promote local workforce hiring at major mine construction sites

Make mine training more accessible in mining regions

- Offer distance education in mining
- *2014-2015 Budget: \$100 million for Aboriginal training programs*
- *Plan Nord: \$18.65 million to build and renovate training centres in Sept-Îles and Chibougamau, and to acquire and set up a mobile modular metallurgical plant-school in Chibougamau*

Specify the modalities for consulting aboriginal communities

- Adopt a Native Consultation Policy specific to the mining sector

Implement measures that promote transparency

- Implement the Act Respecting Transparency Measures in the Mining, Oil and Gas Industries
- Publish annual disclosures on the quantity and value of ore extracted in Québec

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