



Foreign Affairs, Trade and
Development Canada

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Canada



Think Canada



Opportunities in Canada's Resource Sector and Different Financing Instruments for Mining Projects
December 11-12, 2013, Embassy of Canada, Dr. Bruno Wiest, Trade Commissioner (Science and Technology)



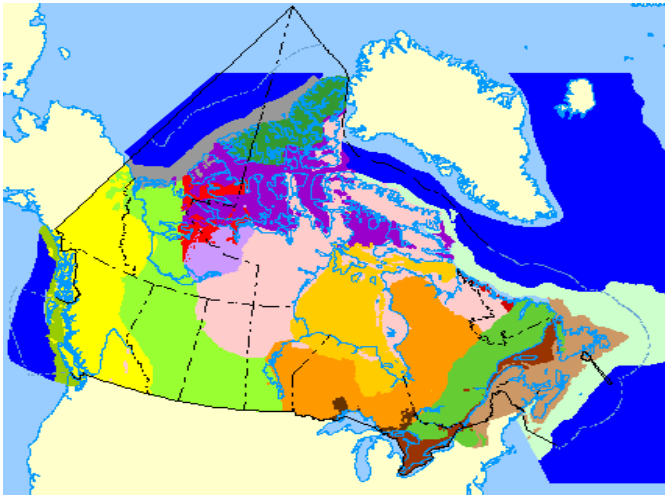
Canada's opportunities

- **Great geology and natural resources potential**
- **Attractive business environment**
- **High environmental standards**
- **Strong science, technology and innovation (STI) performer**

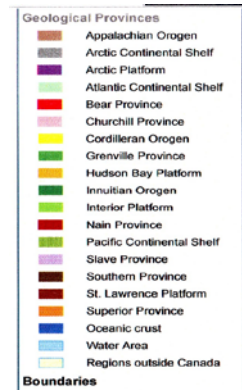


Geological Survey of Canada/Natural Resources Canada

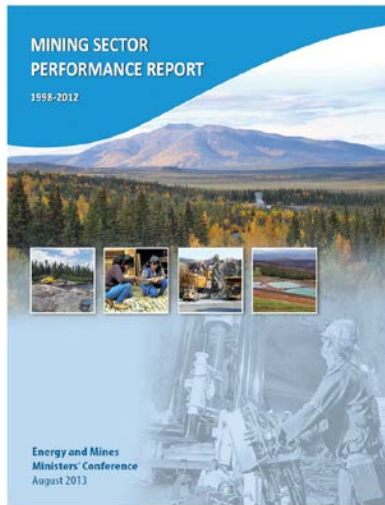
Great geology and natural resources potential



Natural Resources Canada



- 2.5 billion years of geological history exposed
- 10 million sq. km land surface, more than 7 million sq. km marine estate
- Rich variety of geological provinces: fold belts, platforms, shelves
- More than 200 years of exploration and mining history
- Socio-economic development closely linked historically to natural resources
- Continuous development and new initiatives: Le Nord pour tous, Canadian Rare Earth Elements Network CREEN



Natural Resources Canada

Mining industry

- **Highly developed industry:** 1,400 exploration and mining companies, 3,200 suppliers, 330,000 jobs (2012)
- **One of the leading producers:** more than 60 minerals and metals
- **Contribution to GDP:** mineral extraction \$28.5 billion and processing and manufacturing \$34.0 billion, 3.9% (2012)
- **Foreign Direct Investment FDI:** \$58.5 billion, 9.2% of total FDI (2012)
- **Involvement of aboriginal communities:** 297 agreements signed between 1998-2012, 40% of employment, largest employer in North for aboriginal people



Geological Survey of Canada/Natural Resources Canada

Canada's attractive business environment

- **Leading industry nation:**
 - Diversified industry and excellent competitiveness (IMD World Competitiveness Ranking, 2012)
- **Bank financing is solid:**
 - AAA-Rating since 2002 for Creditworthiness (Moody's Financial Service)
- **Solid economic growth:**
 - Real GDP growth rate in 2012: 1.8% (2013: 2.1 % estimated)
- **Opportunities for German companies in Canada:**
 - New business models and increasing market presence
 - Continued expansion of market share in North America



High environmental standards

- **Environment and sustainability:** sustainable mineral exploration and mining methods, policies and regulations
- **Eco-friendly initiatives:** Mining Association of Canada - Towards Sustainable Mining Initiative/Corporate Social Responsibility (2004), NRCan led Green Mining Initiative (2009)
- **High environmental protection expenditures:** capital expenditures of mining sector \$475 million, operating expenditures \$1,080 million, increase by about 50% (1998-2010)



Strong science, technology and innovation (STI) performer



- **Higher Education Expenditures on R&D (HERD):** \$11.5 billion, Science Technology and Innovation Council STIC - State of the Nation 2012
- **Canadian universities:** earth sciences and mining programs - McGill University, Montréal, oldest mining school in Canada
- **Mining sector Business Expenditures on R&D (BERD):** \$590 million (2011), 92.3% in mineral processing
- **Centre for Excellence in Mining Innovation CEMI:** exploration, deep mining, integrated mine engineering, environment
- **Canada-Germany Bilateral Agreement on Scientific and Technological Cooperation:** geosciences and arctic



Geological Survey of Canada/Natural Resources Canada



Circum Arctic Structural Events CASE 15, Richardson Mountains, Yukon Territory 2013
Federal Institute for Geosciences and Natural Resources BGR



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Deutscher Auslandsbergbau



Studie anlässlich der
1. Fachtagung Deutscher Auslandsbergbau
am 5. Dezember 2006 in der
Bundesanstalt für Geowissenschaften und
Rohstoffe, Hannover



- BGR Report on German Foreign Mining Activities 2006: 4 companies active in Canada (ASB Grünland Helmut Aurenz GmbH, Refratechnik Holding GmbH, Heidelberg Cement AG, Knauf Gips KG)
- Down from a dozen companies 1990
- New initiatives: e.g. Kali+Salz AG, Deutsche Rohstoff AG



Thank you for your attention!

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