

# Igniting Innovation

## 1 Canada needs innovation

**Innovation** can lower costs, **minimize mining's footprint** and **maximize extraction**

In Canada, mining ranks among the **top industries** for the **adoption of advanced green technologies**



## 2 Canada's competitive advantage

-  **Global leader** in **extractive** and **clean technologies** and geological and biological sciences
-  **Strong R&D programs and support**
-  **Highly skilled workforce and expertise** across the sector



## 3 Challenges to the industry

-  **High capital costs** and **long investment horizons** can dampen uptake
-  Canada's **cold climate** presents additional challenges to **adopting innovative equipment**
-  **Artificial intelligence** and automation require **new** and **different skills** for mining operations



## 4 Collaboration and engagement

We want your help

How can mining companies, research laboratories, innovation hubs, universities, and government and non-governmental organizations best work together to drive innovation?



The Canadian Minerals and Metals Plan (CMMP): [minescanada.ca](http://minescanada.ca)