



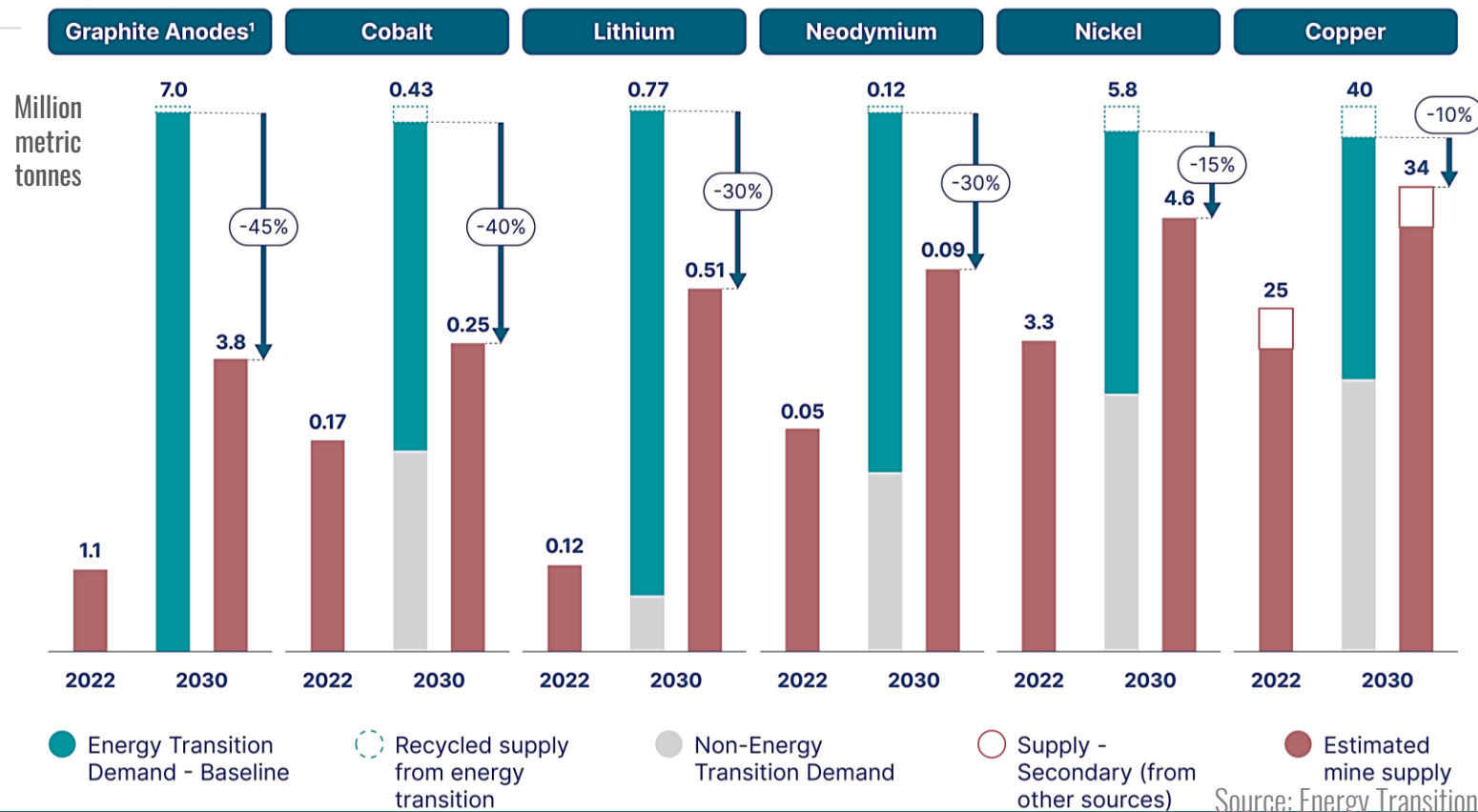
# The Climate Imperative

## Barriers to Decarbonization Investment

Eyab Al-Aini

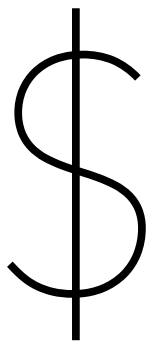
October 30, 2024

# Global supply from mines is not expected to meet demand

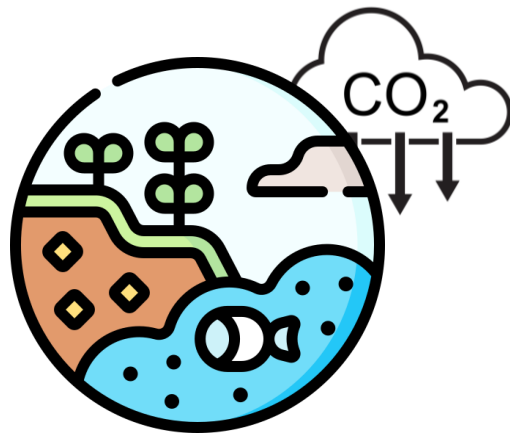


Source: Energy Transition Commission

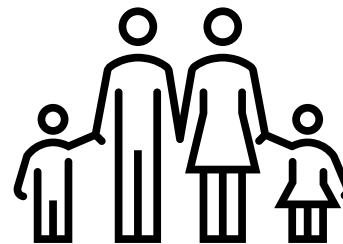
# Three imperatives define Canada's success (or failure) on critical mineral mining



**Investment Gap**



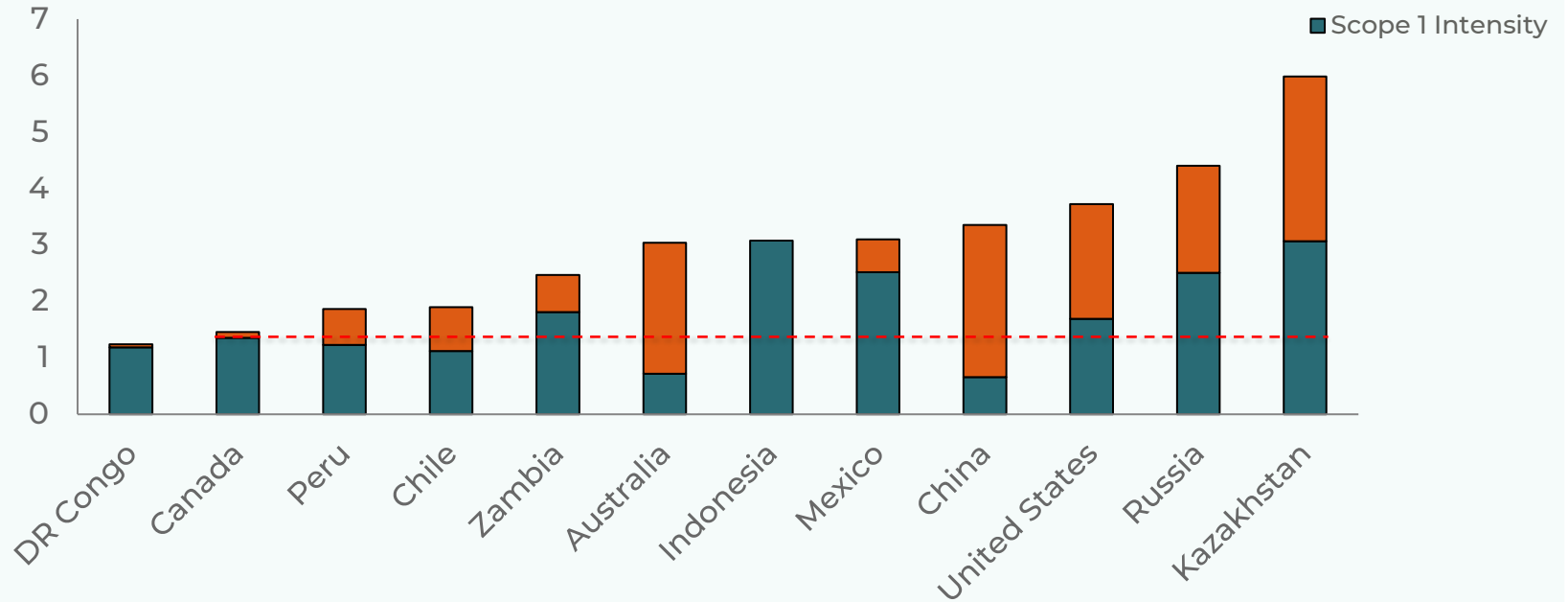
**Environment**



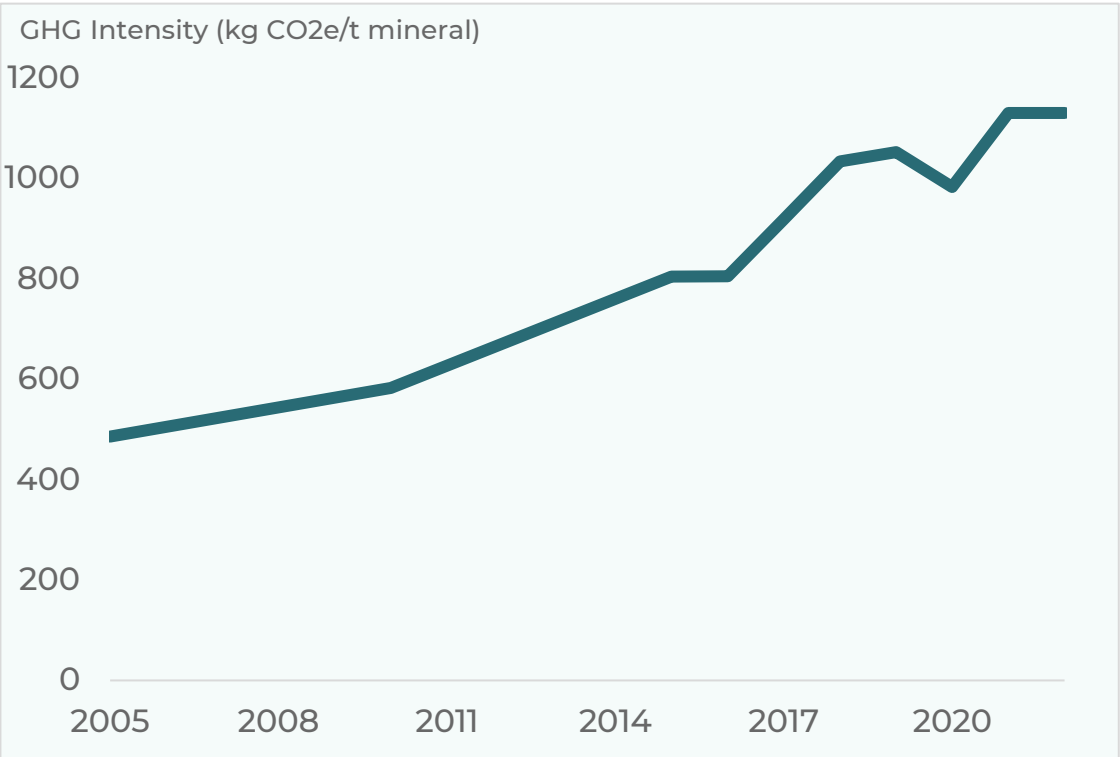
**Consent**

# Canada has a low carbon intensity because of cleaner grids but is not the lowest on Scope 1 emissions

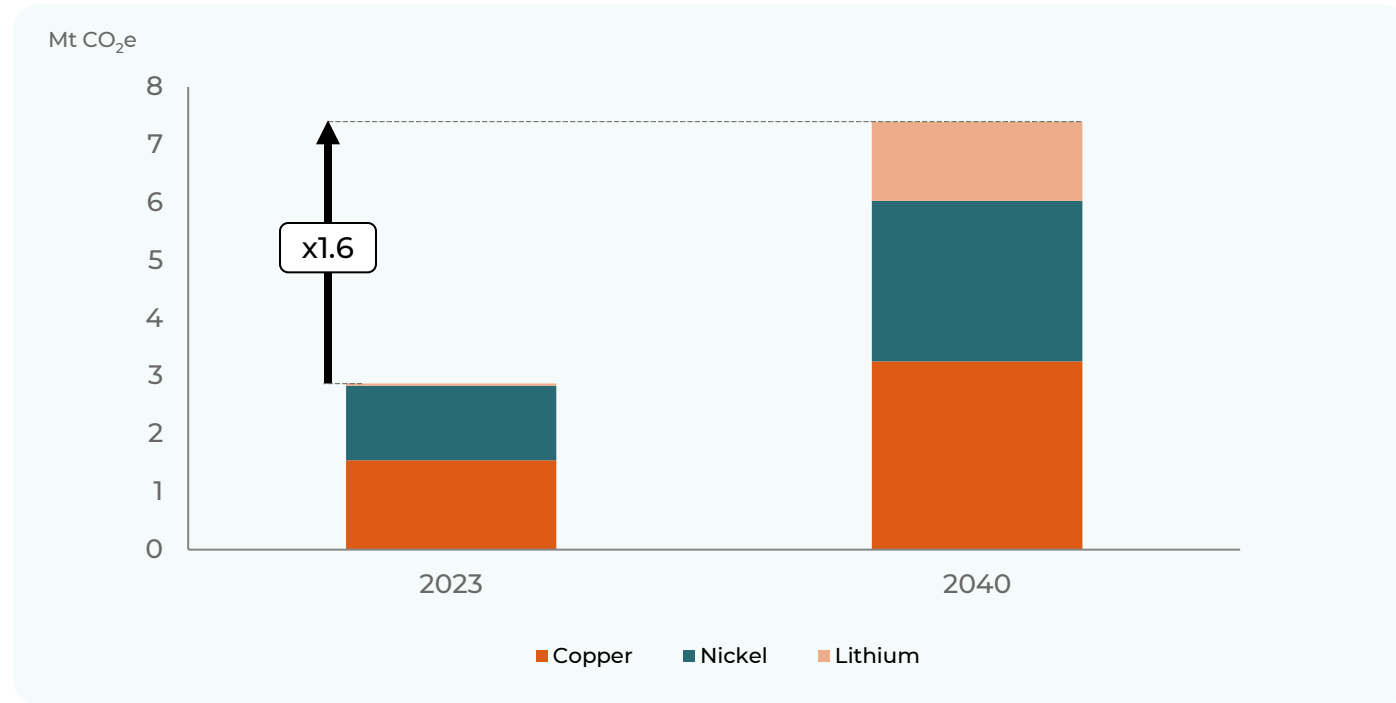
GHG Intensity (t CO<sub>2</sub>e/t Cu)



# Emissions intensity in the sector is increasing



# Business-as-usual mining can more than double emission



# Decarbonization offers a long-term competitive advantage

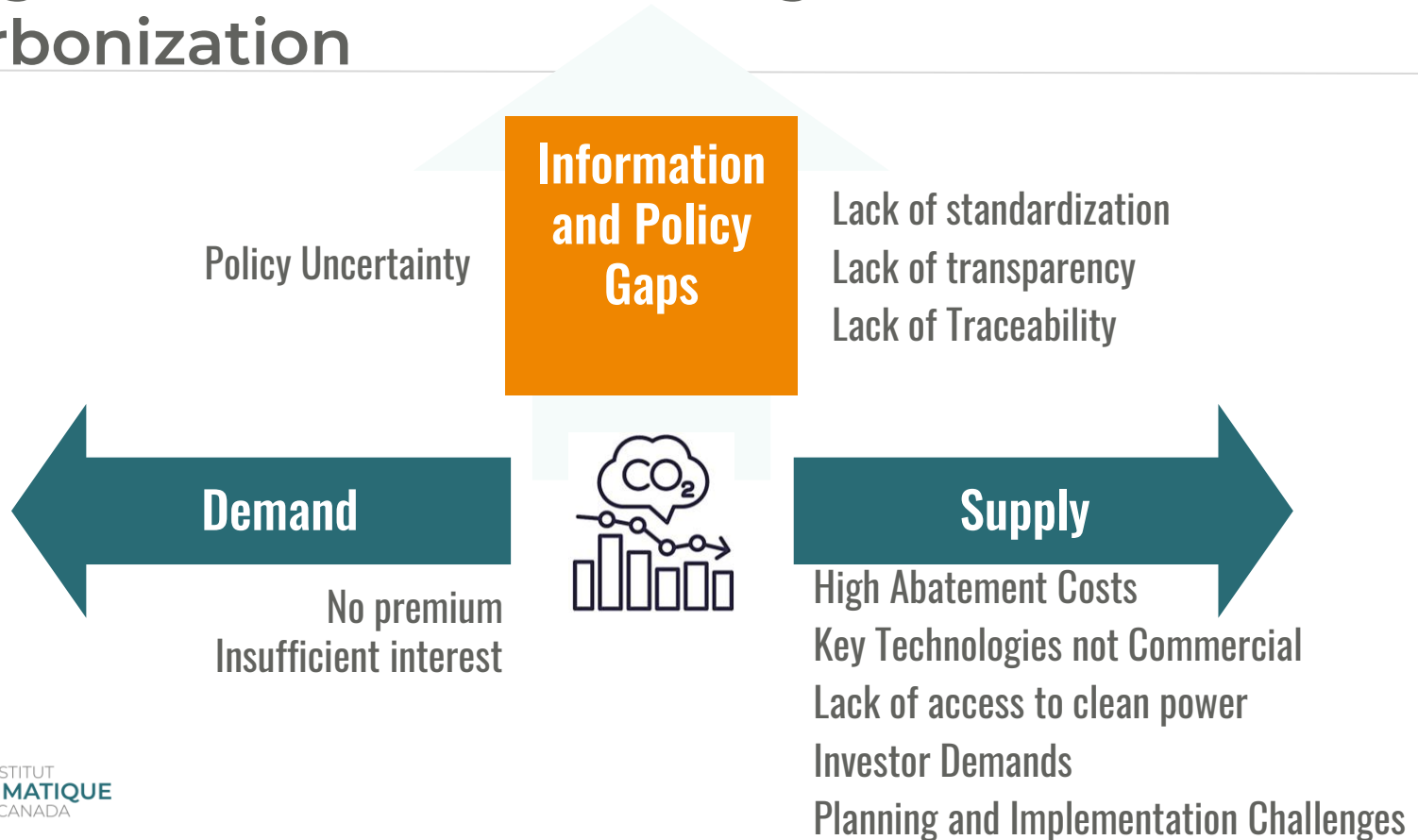
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**New Sources of  
Capital and Demand  
Growth**

**Lower Transition  
Risks**

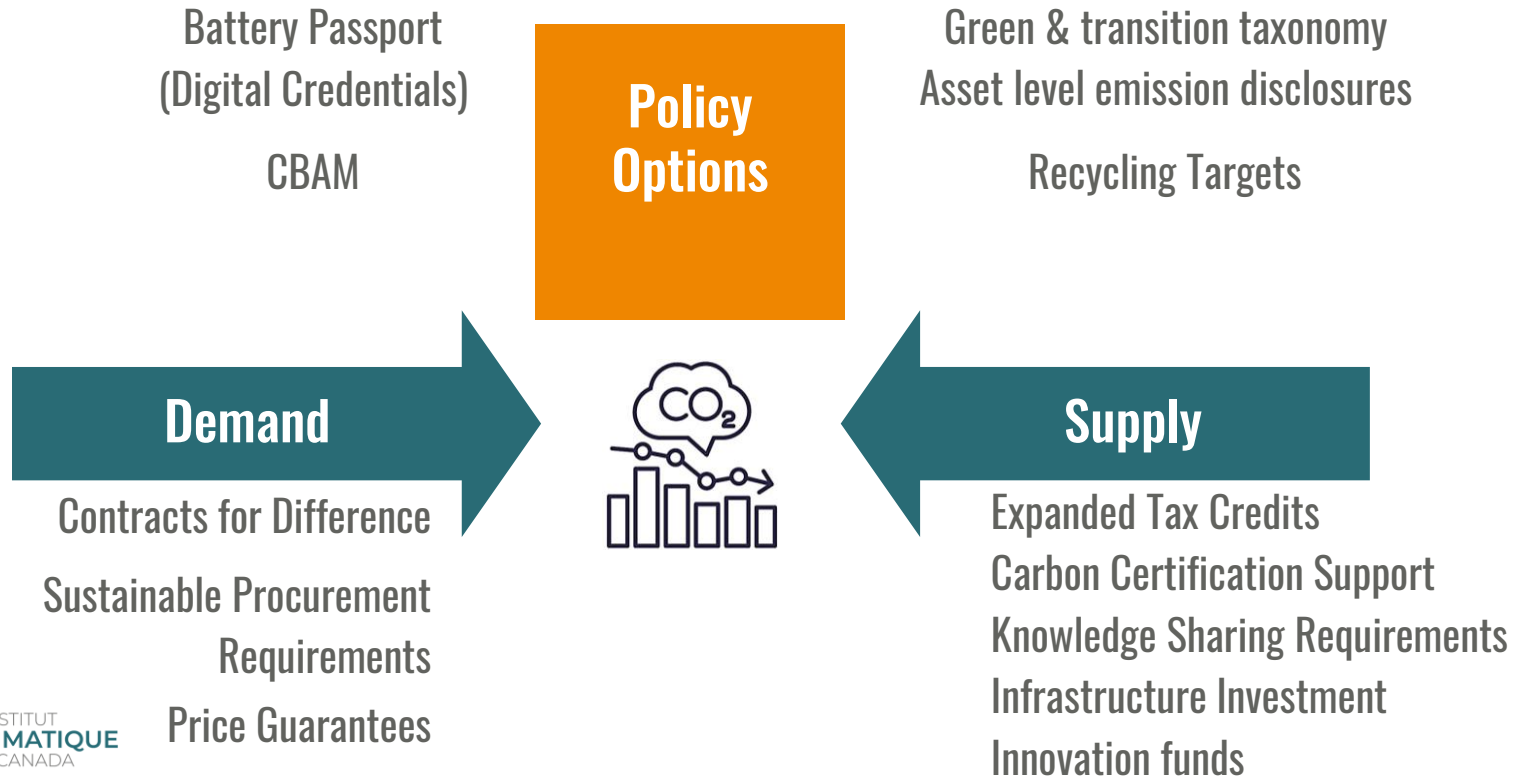
**New Sources of  
Policy Support**

# A range of barriers are holding back investment in decarbonization





# Policies cannot work in isolation



# Decarbonization in mining is happening in Underground mines



A semi-truck is driving away from the viewer on a two-lane road covered in snow and ice. The road has yellow dashed lines. In the background, there are large, snow-covered mountains under a clear blue sky with some light clouds. The overall scene is a winter landscape.

**QUESTIONS?**



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**THANK  
YOU**