

# Investigating GHG Technologies

## Strategizing for the Future

Leading minerals companies, such as those that are members in the IMII, are responding to the call to reduce greenhouse gas emissions from their operations. In joining the transition to a low carbon future, the industry will be deploying new technologies and techniques, some of which are already in use while others will need to be commercialized before they are available to the industry.

The goal of this special project was to explore whether there were opportunities for IMII and its member minerals companies to collaborate to help develop solutions to reduce emissions from operations and support net zero targets and have them available to the industry between 2030 and 2050.

IMII contracted a global research support services firm to conduct a scan to identify different strategies or technologies not yet available for decarbonizing minerals operations, and then with industry direction did a deeper dive. The study found the most promising technologies/developments that could deliver environmentally sustainable, secure, and reliable, and cost-competitive energy for Saskatchewan's minerals industry include:

- Hydrogen
- Small modular reactors
- Next generation carbon capture

A report providing background information on the potential fit of these technologies to the needs of the minerals industry is available from IMII.

IMII and its mineral member companies have taken note of the recommended technologies from this global scan and will investigate and advance projects as opportunities arise.

Report – Reducing GHG in  
Uranium and Potash Mining:  
2030-2040

#### PROJECT INFORMATION:

**Project Partner:** PreScouter

**Project Duration:** November 2020 to March 2021

**Project Cost:** \$42,750

Western Economic Diversification: \$42,750