



**INTERNATIONAL
MINERALS INNOVATION
INSTITUTE**



ABOUT IMII

The International Minerals Innovation Institute (IMII) is the trusted hub for expertise and innovation in Saskatchewan's minerals industry, driving transformative change, inspiring actionable solutions, and building a sustainable and globally respected minerals sector in the province. As a member-based organization governed by industry, post-secondary education, and government, we unite to accelerate technological innovation, develop a representative workforce, and promote thought leadership. Together, we drive progress and shape the future of the minerals sector.



Mission

IMII is a member-based organization advancing the collective success of the minerals industry in Saskatchewan. Governed by industry, post-secondary education, and governmental entities, we collaborate to accelerate innovation in technology, workforce development, and thought leadership.



Vision

IMII is a known and trusted innovation hub pivotal in the development of a sustainable, globally respected, and competitive minerals industry in Saskatchewan. We are a comprehensive network of industry members and partners.

WHAT HAVE WE ACCOMPLISHED

Invested \$6.3 million in 40 RD&D projects exceeding \$12.6 million in total value

- Exploring robotics demonstration
- Researching stress monitoring in potash
- Demonstrating new technologies for safety
- Alternative energy systems challenge
- Research in corrosion and hydrogeology

Invested \$8.2 million in 31 E&T projects exceeding \$13.8 million in total value

- Establishing mining engineering options at the University of Saskatchewan
- Digital Transformation in Potash for Indigenous People
- iMpowered scholarship & Mining Futures Award

DEMOday & Innovation Award

- Created in 2018 for supply chain companies to present their innovations directly to Saskatchewan's major mining companies
- 100 applications received for 2018 - 2024
- 41 pitches on innovative solutions to-date

IDEATE

IDEATE is an opportunity for IMII's minerals company, post-secondary and research institutions members to engage together to learn about and discuss problem areas identified by the minerals industry which they believe are amenable to applied research with the potential to lead to the development of innovative solutions.

Workforce Development

- Engaging the membership to develop new projects for
- Pathways for Youth Engagement Outside of School
- Pathways for High Need Occupations



MEMBERSHIP IN IMII

Membership in IMII enables a company to:

- Pool resources with others to foster innovative new technologies and human resources, and
- Drive the kind of change that individual companies struggle to achieve on their own, and
- Connect with all sectors devoted to developing innovations that matter to the minerals industry in Saskatchewan
- Presents the opportunity to influence the requirements development, technology adoption and future direction of Saskatchewan's minerals industry innovation ecosystem by joining with leaders in supply chain, academia and government agencies in IMII activities and projects

INSTITUTIONS/CAPACITY BUILDERS

Post-secondary and/or research institutions based in Saskatchewan that contribute novel ideas, relevant education and training and/or sophisticated facilities to the minerals industry innovation ecosystem.

- Direct contributors of innovation capacity (e.g., researchers, educators. Trainers, labs, and test facilities)
- Potential contributors to entrepreneurial capacity
- Must have history of responsiveness to minerals industry innovation opportunities and needs (e.g., research and/or teach is necessary for but not sufficient to meet industry innovation needs)

ANNUAL MEMBERSHIP:

Researched-based institutions - \$5,000 and 25% in project contributions in which they are recipient of IMII funding.

Training-based institutions - 25% in project contributions in which they are recipient of IMII funding.

BENNEFITS:

- Influencing strategic direction of the organization through a seat on the Board of Directors – one representative elected from the training institutions.
- Work closely with IMII minerals company and solution provider members to accelerate the pace of technology performance improvements in Saskatchewan's minerals industry.
- Work closely with IMII minerals company and solution provider members to accelerate workforce development in Saskatchewan's minerals industry.
- Opportunity to align strategic efforts with the minerals industry and ensure innovation budgets and capacities can be effectively utilized in both the short and long term.
- Companies access your state-of-the-art infrastructures and expertise.
- Build awareness of your institution with students interested in pursuing mining careers, and within the mining research community.