



# INTERNATIONAL MINERALS INNOVATION INSTITUTE



## ABOUT IMII

IMII is a non-profit organization jointly funded by industry and government and is committed to developing and implementing innovative education, training, research and development partnerships for supporting a world-class minerals industry in Saskatchewan.

IMII was established in 2012 to support and sustain the province's minerals industry for the long-term benefit of Saskatchewan. IMII has sponsored more than 70 industry driven projects, valued at more than \$26 million, and in doing so has leveraged more than \$11 million in project funding from outside of its mineral industry and government members.



**Its vision** is Saskatchewan being home to the world's most innovative and sustainable minerals industry.



**Its purpose** is to serve as an Innovation Steward to strengthen the Saskatchewan minerals industry's competitiveness and growth through Research, Development & Demonstration and Education & Training to drive the future's Qualified & Representative Workforce.

## 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, and
- 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.