



# 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



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## 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

### **Solutions Provider - Category C – revenues less than \$25 million per year**

#### **\$5,000 in sponsorship and \$5,000 in project contributions**

- Participate in a world class collaboration environment with their peers and others in the innovation ecosystem
- Enhanced networking and engagement opportunities with IMII minerals company members
- Opportunity to engage with industry and get direct feedback and a deep understanding of industry needs
- Obtain advance information on priority areas in Workforce Development and RD&D for the minerals industry
- Participate in working groups to help develop a topic, working with industry and researchers
- Propose the development of new IMII projects
- Participate in proposed or existing IMII projects – minimum \$5,000 cash/in-kind project contributions
- Gain access to HQPs through projects
- Share/reduce project costs and risks by leveraging IMII funds and funds other members may access (e.g., federal grants)
- Influence strategic direction of IMII through board representation – one representative elected from the Solutions Providers group
- Build awareness of your organization with students interested in pursuing careers in the mining industry and within the mining research community