



# 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	IDEATE	Workforce Development
<ul style="list-style-type: none"> <li>• Created in 2018 for supply chain companies to present their innovations directly to Saskatchewan’s major mining companies</li> <li>• 100 applications received for 2018 - 2024</li> <li>• 41 pitches on innovative solutions to-date</li> </ul>	<p>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.</p>	<p>Engaging the membership to develop new projects for</p> <ul style="list-style-type: none"> <li>• Pathways for Youth Engagement Outside of School</li> <li>• Pathways for High Need Occupations</li> </ul>



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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
- 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

### **Minerals Company - Category B – revenues less than \$1 billion but greater than \$100 million per year**

#### **\$50,000 in sponsorship and \$50,000 in project contributions**

- Participate in a world class collaboration environment with their peers and others in the innovation ecosystem
- Influence future horizons for E&T and RD&D for the minerals industry
- Collaborate on education and training needs, and diversity and inclusion efforts and share in the benefits
- Participate in events like DEMOday & IDEATE
- Participate in working groups to help develop a topic and work with researchers and solution providers to develop proposals
- Participate in IMII projects – minimum \$50,000 cash project contributions, combined cash/in-kind contributions thereafter
- 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 elected representative for every four Category B members
- Gain recognition as an innovation capacity builder
- Build awareness of your organization with students interested in pursuing careers in the mining industry and within the mining research community