



Application Guidelines

IMII's Developing Innovations Program supports research seeking innovative solutions to mineral industry needs.

Grants up to \$250,000 are available for a maximum two-year project with an emphasis on those supporting or validating 'new-to-mining' technologies.

The Program can be the next step to:

- further investigate the outcomes of an Exploring Innovations project,
- research an industry defined problem discovered through industry collaboration or a call for proposals, or
- apply new methodology on previous research.

The goal is to develop innovative technologies, processes or applications that can be validated in a laboratory, tested in a simulated environment, or a model or prototype is developed. Proof of concept demonstration is desired at the end of the project. Industry will want to see if:

- Technical merits have been sufficiently explored
- Advantages of the technology are consistent with initial expectations
- Commercialization potential has been identified and assessed
- Issues or problems have a path to resolution

Key elements to a project could include:

- A research design that seeks to solve a specific problem or provide innovative solutions to issues affecting the minerals industry
- Draw upon basic research results, literature searches, field research and discussion with industry experts
- A relevant laboratory or simulated environment
- Technical analysis that evaluates current technology options and limitations, and assessment of possible innovative approaches
- Screening, testing, and prioritizing of theories/methodologies/concepts
- Results – research report that demonstrates the initial feasibility of the technology developed



Completing the Application

Note that all sections are required to be completed.

Proposal ID:

Please do not complete this. A proposal ID will be provided upon the submission of your proposal.

Date of Submission:

Enter the date you submit the document to IMII.

Title of Proposal:

Please select a short title that clearly identifies what the proposal is about. This title should be able to be carried throughout the term of a project.

Contact Information:

Please provide your full contact information.

Application Details:

Innovation Driver (s) and Focus Areas (s):

Please select the IMII drivers and focus areas that apply to your innovation.

Preliminary Budget:

Please note that a minimum of 25% of the overall project budget must be provided by sources outside of IMII and IMII industry members.

- Enter the requested Industry (IMII members), cash contribution, your organization's cash contribution, and other anticipated cash contributions (e.g. federal funding program).
- Enter the estimated in-kind value required from Industry (IMII members), the in-kind contribution from your organization and any other sources. In-kind can represent salaries, resources, materials, or services.
- Note that your budget must be inclusive of all taxes. IMII does not pay taxes on top of the allotted funding.
- Expenses incurred prior to the project will not be accepted.

Supplemental Pages:

In a 2-4-page Word document, please provide the following details:



Project Concept and Methodology:

- a) **Statement of Need.** Describe the research or technology challenge to be explored through the project and explain how your innovation addresses your identified IMII innovation drivers and its alignment with IMII strategic priorities. Include why the mining industry needs this innovation research
- b) **Methods and Execution Strategy.** Describe the proposed methodology to be used in addressing the problem.
 - Discuss the background and underlying challenges, scientific or engineering issues, research problems or technical complexities associated with solving the industry problem.
 - Describe the innovative methodology and research approach.
 - Describe the start point and expected endpoint – the project plan
- c) **Timeline, Deliverables and Impact**
 - State the estimated timeline to complete your project (e.g., 6 months, 1 year, 2 years).
 - Define key deliverables
 - Describe how the deliverables benefit industry and research, and identify the main beneficiaries.

Project Team:

- a) **Core Project Team.** Discuss the core project team working on this project. Describe capabilities, related experience, resources.
- b) **Collaborators.** Identify collaborators who are directly partnering with you to deliver this project. Describe capabilities, related experience, resources.
- c) **Supporting Organizations.** Describe the supporting organizations that are providing indirect support such as cash, in-kind, or resources to the project. Resources can be seen as financial, intellectual property, data, equipment, expertise, etc.
- d) **Highly Qualified Personnel.** Describe how students (e.g. master students, post-docs, PhD students), or other HQP, will gain knowledge and experience related to the field and industry research base.

Applications should be submitted to admin@imii.ca as two separate files:

1. The completed fillable PDF Application Form.
2. The Project Details section in Microsoft Word (.doc or .docx) format.