

# Wheaton Precious Metals Future of Mining Challenge: 2024–2025

## Innovator Guide

### 1. Future of Mining Challenge Background

The Wheaton Precious Metals Corp. (“Wheaton Precious Metals” or “Wheaton”) Future of Mining Challenge seeks to make mining more efficient while minimizing its environmental impact, ensuring the industry can continue to deliver essential commodities and materials in a more sustainable manner.

### 2. 2024/25 Challenge Focus

This year, the Wheaton Future of Mining Challenge is seeking technology solutions that target the reduction in greenhouse gas emissions or carbon intensity in base metal and/or precious metals mining operations.

### 3. Challenge Objective

Wheaton recognizes its unique position as a diverse metals streamer on the global mining landscape. The Wheaton Future of Mining Challenge is focused on identifying global solutions that target the reduction of scope 1 and 2 greenhouse gas emissions (GHGs) associated with precious and base metals mining operations.

Successful solutions will be focused on the improvement of mining efficiency and production processes that:

- Demonstrate a pathway to scope 1 and 2 emissions reduction;
- Boost efficiency of existing base metals and precious metals mines;
- Have a clear, actionable path to implementation; and
- Demonstrate a deep understanding of end-user needs and market demands.

## 4. Key Details

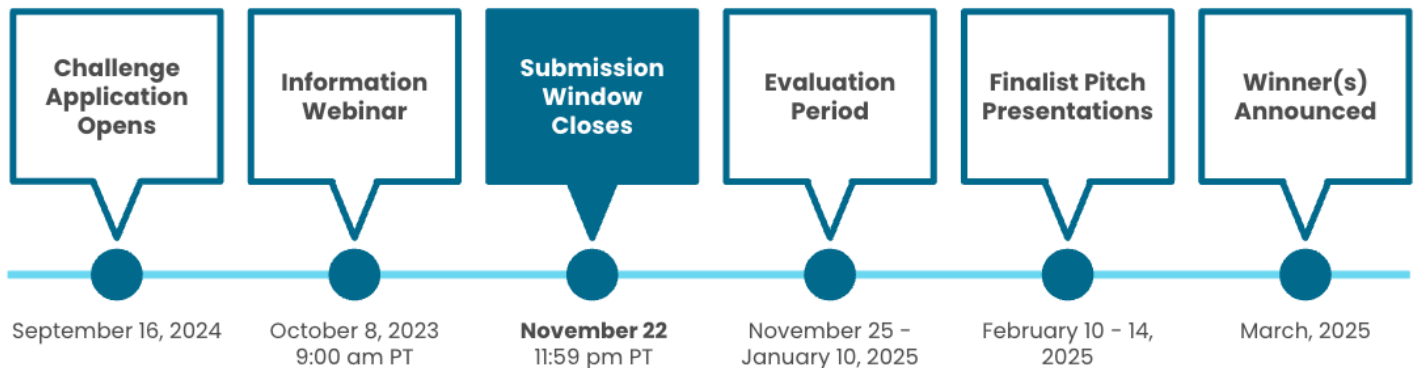
### 4.1. Challenge Prize

The Wheaton Future of Mining Challenge will be awarded to a single recipient with a cash prize worth US\$1,000,000, to be presented at Wheaton's discretion. Funds should be used to help further advance the technology.

### 4.2. Application Process

Applicants Interested in applying to the Wheaton Future of Mining Challenge are required to complete an [Application Form](#) on the submission platform by **11:59 pm PT, November 22, 2024**. Applications must be in English and adhere to the requirements specified in the various sections of the online form (including the requisite attachments to support the submission). We invite applications from ventures globally. Applications must meet the criteria to be accepted.

### 4.3. Wheaton Future of Mining Challenge Timeline



### 4.4. Eligibility Criteria

All applications will be screened to ensure they meet all of the eligibility criteria detailed below.

#### 4.4.1 Technical Criteria

Applications must meet at least the following technical requirements to be considered for the competition.

- A. Demonstrate greenhouse gas reduction potential
- B. Applicable to base metal and precious metals mining
- C. Scalable on a global perspective

D. [Technology Readiness Level](#) (TRL) 5-7

- **TRL 5: Component and/or validation in a simulated environment:** The basic technological components are integrated for testing in a simulated environment. Activities include laboratory integration of components.
- **TRL 6: System/subsystem model or prototype demonstration in a simulated environment:** A model or prototype represents a near desired configuration. Activities include testing in a simulated operational environment or laboratory.
- **TRL 7: Prototype ready for demonstration in an appropriate operational environment:** A Prototype at the planned operational level is ready for demonstration in an operational environment. Activities include prototype field testing.

#### 4.4.2 Other Criteria

While applications are open to ventures globally, applications from the following will not be considered:

- A. Applicants located in a sanctioned nation or included in the Specially Designated Nationals and Blocked Persons List of the US Treasury Department, in the lists of the Office of Trade Controls and Technical Barriers, Department of Foreign Affairs and International Trade Canada, pursuant to the Import and Export Permits Law and the Ministry of Foreign Affairs or in lists made under the United Nations Act, Special Economic Measures Act or the Justice for Victims of Corrupt Foreign Officials Act, or applicants that may use any prize to finance any activities or investments related thereto;
- B. Applicants that have displayed a lack of compliance with applicable local, state, national or international laws, rules and regulations relating to ethical conduct and responsibility or anti-corruption; or
- C. Government, government-owned or political party ventures.

#### 4.5. Evaluation Process and Criteria

A competitive judging process will evaluate all qualifying proposals submitted to the Wheaton Future of Mining Challenge by the deadline. Eligible applications will be assessed based on the following evaluation criteria and scored by a panel of reviewers. Finalists will be selected and invited to present their technology solutions to the review panel. After the presentations, a merit review will be held and a winner will be selected.

##### 4.5.1 Impact (40%)

Applications will be evaluated on the technology's potential for significant, cost-effective, timely, and sustainable removal of GHGs and improved production in base metal and precious metals mining, as well as the market opportunity and end-user engagement.

#### **4.5.2. Innovation Opportunity (35%)**

Applications will be evaluated on the merits of the technology's overall strengths, novelty, technical feasibility and adoption, as well as its competitive advantage relative to existing technologies or practices in the global mining industry.

#### **4.5.3. Implementation (25%)**

Applications will be evaluated on the technology development and implementation plan, financing plan, and the capacity of the team. This includes evaluating proposals on the current TRL relative to the proposed implementation timeline, project budget, and financial plan, as well as the team's expertise to achieve the proposed plan.

## **5. About the Partners**

The Wheaton Future of Mining Challenge is presented and funded by Wheaton Precious Metals, supported by Foresight Canada.

### **5.1 Wheaton Precious Metals**

Wheaton Precious Metals is a leading precious metals streaming company, providing shareholders with access to a portfolio of low-cost, long-life mines around the world. Through strategic streaming agreements, Wheaton partners with mining companies to secure a portion of their future precious metal production. Committed to responsible mining practices, Wheaton utilizes industry-leading due diligence practices to unlock long-term value for shareholders while supporting the broader mining industry in delivering the commodities society needs through access to capital.

### **5.2 Foresight Canada**

Foresight Canada helps the world do more with less, sustainably. As Canada's largest cleantech innovation and adoption accelerator, we connect public and private sectors to the world's best clean technologies. We de-risk and simplify adoption of solutions that improve productivity, profitability, and economic competitiveness, all while addressing urgent climate challenges. We are well-positioned to lead the green economic transition, having supported 1,280+ companies to generate \$511M in revenue and \$1.77B in capital support, run 60+ industry challenges, created 8,760+ green jobs, and reduced a projected 70+ Mt of GHG emissions.

## 6. Terms and Conditions

### 6.1. Confidentiality

Confidential information collected, used, or disclosed by Foresight will be managed with respect for the individual's right to privacy, while also allowing Foresight to gather, use, and share such information as necessary to determine the Challenge winner and ensure a fair process.

As the Wheaton Future of Mining Challenge Coordinator, Foresight will receive application submissions from applicants from September 16 to November 22, 2024. Foresight operates under the following jurisdictions:

- The Federal Personal Information Protection and Electronic Documents Act, S.C. 2000, ch.5 (“PIPEDA”);
- British Columbia’s Personal Information Protection Act, S.B.C. 2003, ch. 63 (“PIPA BC”);
- British Columbia’s Freedom of Information and Protection of Privacy Act (“FIPPA BC”).

### 6.2. Registration and Application Submission

All applications must be submitted through the Future of Mining application platform by **11:59 pm PT, November 22, 2024**. Any submissions sent by email or made after the deadline will not be accepted. Applicants are encouraged to complete their submissions well in advance of the deadline. Partial or incomplete submissions will not be eligible for review. All required content must be uploaded and entered into the application platform. The submission must be finalized by completing all necessary online steps in order for the application to be considered complete before the deadline. Only the information requested in each application section will be reviewed. Any links to additional material or information submitted outside of the application form will not be considered during the evaluation. Applicants will receive an email confirming receipt of a complete submission.

Application-specific feedback will not be provided to unsuccessful applicants.

### 6.3. Intellectual property

Proprietary information belonging specifically to the manufacturer/solution provider will not be shared outside of the Wheaton Future of Mining Challenge team. Only information that is required for the evaluation of submissions or other necessary competition functions will be shared with the project team.

## 7. Contact

If you have any questions regarding the Wheaton Future of Mining Challenge, please send them to [applications@futureofmining.ca](mailto:applications@futureofmining.ca).