

# MIT Global Summit on Mine Tailings Innovation

## RESEARCH THEMES

### Re-use

- What is the economic value of metals and minerals embedded in tailings?
- What new or existing technologies can be applied to recover these resources?
- How can tailings be repurposed as raw materials in other industries?

### Re-duce

- What technologies or processes can be used to reduce the volume of tailings generated by mining operations?
- How could policy and finance models help to accelerate significant reductions in volumes of tailings?

### Re-imagine

- How might we consider and achieve the complete elimination of tailings?
- Which key knowledge gaps and obstacles do we need to address?

## September 19-20, 2024

A first of its kind conference hosted by the Massachusetts Institute of Technology (MIT) in collaboration with ICMM to convene researchers, industry experts, innovators and start-ups, manufacturers, and government and regulatory officials around a single goal: Accelerating the development of solutions to Re-use, Re-duce and Re-imagine mine tailings.

With a focus on research that can be rapidly translated to practical applications and technology solutions across any stage of the mining lifecycle, the conference will provide a forum for top global experts to exchange ideas, advance thinking and make progress on significantly reducing tailings that will ultimately benefit people and the planet.

Interested in speaking or presenting? [Apply here.](#)

Interested in attending? Get on the registration announcement mail-list [here.](#)

Questions? Contact [esi-mine@mit.edu](mailto:esi-mine@mit.edu).



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