



February 2020

# Ground Breaking News

## MICA UPDATE!

Interest and support continues to grow for MICA (Mining Innovation Commercialization Accelerator). Meetings have been held with different levels of government since the statement of interest was submitted to the Canadian Government's Strategic Innovation Fund. We have received very positive feedback. A final decision on the MICA application progressing to Full Application has not been made and we would like to take this time to thank everyone involved for their continuing support.



## OUTREACH— PERU

CEMI has signed a contract to help the Jose Carlos Mariategui Institute to help create a mining research and commercialization centre in Moquegua, Peru. The 5-year objective is to establish and develop a vibrant mining service and supply community in Moquegua, and the first step is to understand the current business capacity. At the same time, CEMI will gain a complete understanding of the range and priorities for mining research and innovation. Building the right kind of technical programs and focusing on structuring the business community to be able to deliver the new techniques and technologies to the industry and increase the economic opportunities available to the local communities.

CEMI hopes this will be the first of several agreements in Peru that will allow communities to benefit from the business and technical strengths that exist among CEMI's clients across Northern Ontario, and especially in Sudbury.

## IN THE NEWS

Sudbury.com

[Sudbury mine innovation centre's global expansion leads to Peru](#)

January 2020

Canadian Mining Journal

[CEMI seeks to accelerate advance rates](#)

February 2020

## UPCOMING EVENTS

### Mining Leaders North America Summit

Friday 28th Feb, 2020  
One King West Hotel & Residence

[Electric Mine](#)

Stockholm, Sweden

March 19—20

[CIMBC20](#)

Vancouver Convention Centre

May 3—6, 2020

[Mines and Technology, Mines and Money](#)

Toronto, Ontario

June 23-24

## NORTHERN ONTARIO MINING SHOWCASE | SALON MINIER DU NORD DE L'ONTARIO

Visit CEMI March 1—4 at booth #75, Pavillion #6501N

Join us at the NOMS Stage for the following presentations:

**Topic:** Crush It! Commercialization Support Services

**Time:** Sunday, March 1, 1:00—1:15 pm

**Presented by:** Charles Nyabeze

**Topic:** Mining Innovation & Climate Change

**Time:** Tuesday, March 3, 1:45—2:00 pm

**Presented by:** Douglas Morrison



## FDMC 2020

CEMI Presents

Future of Deep Mining Conference 2020

September 16—17

Radisson Admiral Hotel  
Toronto—Harbourfront

[www.cemi.ca/fdmc2020](http://www.cemi.ca/fdmc2020)



## THE PROGRESSIVE MINING AGENDA

METAL MINING INNOVATION AND ENVIRONMENTAL STEWARDSHIP

### Position Piece #3

The technology platforms mines use for production have prevailed for over 30 years, and the approach to mine waste and waste-water management has remained largely unchanged for at least as long. The best way forward now is to implement techniques that will treat the toxic components in mine tailings and employ practices that prevent both the catastrophic failure of tailings storage facilities and the gradual escape of fugitive dust. [Continue reading:](#)

Also available:

[Introductory Piece](#) | [Position Piece #1](#) | [Position Piece #2](#)

## CEMI'S MINING INNOVATION GPS (MI-GPS)

BUSINESS ANALYSIS & SYSTEMS APPROACH FOR MINING INNOVATION & COMMERCIALIZATION

CEMI's MI-GPS approach recognizes that all operations have constraints that mean they are not completely free to make just any choice of destination—it has to fit within the commercial and technical limitations that confront them, and the route has to be passable. We use the theory of Constraints (ToC) to decide which to tackle first, then address the technical bottlenecks, beginning with the one with the biggest impact of the business—not the easiest or the most interesting problem to solve. [Read more:](#)

3RD ANNUAL  
**MINING INVESTMENT NORTH AMERICA**  
11 - 12 June 2020  
Toronto, Canada  
[mininginvestmentnorthamerica.com](http://mininginvestmentnorthamerica.com)

JOIN US



CEMI is pleased to continue to work with NRCan on enhancing Canada's mineral processing ecosystem and supporting its emerging clean tech innovations.



Natural Resources Canada

Ressources naturelles Canada

### Crush It!

<https://impact.canada.ca/en/challenges/crush-it>

# CENTRE FOR EXCELLENCE IN MINING INNOVATION

## WHY ENGAGE CEMI?

CEMI helps solve mining industry challenges. We accelerate the delivery of commercially viable innovations to improve operational performance. Simply said, our services are designed to bridge the gap between a challenge and a solution.

## OUR SERVICES

- **Innovation Scouting**  
Global search for current and emerging pre-commercial solutions
- **Challenge Identification**  
Review of existing challenges from technology road maps and uncovers hidden challenges using a systems analysis process
- **Challenge Solution Matching**  
Matches current and emerging pre-commercial solutions with validated industry challenges
- **Commercialization Services**  
CEMI conducts innovation and commercialization gap analysis assessments and offers services to bridge identified gaps

Fostering  
**Innovation**  
Implementing  
**Excellence**

## CEMI ENGAGEMENTS



GUPEX® Air to Air Heat Exchangers



Underground Ring Blast Design  
Advanced Fragmentation Prediction  
to Reduce or Eliminate Crushing



Cryogenics for Mine Cooling and  
Energy Storage



Dust Control, road stability, green  
solutions



Rapid Development Shield

## ADDRESS

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IF YOU ARE INTERESTED IN DOING BUSINESS WITH CEMI, PLEASE CONTACT US AT [INFO@CEMI.CA](mailto:INFO@CEMI.CA)  
TO BE ENROLLED IN THE CLIENT INTAKE PROCESS.

[www.cemi.ca](http://www.cemi.ca)

