



February 2019

# Ground Breaking News Special Edition - PDAC 2019

## CRUSH IT!



The **Impact Canada Clean Technology Challenges' 'Crush it!' Challenge** was launched on October 30, 2018. Participants were invited to develop new innovative solutions to reduce the energy intensity, cost and environmental impacts of comminution-based mineral processing.

**Crush It! Challenge semi-finalists** will present their solutions to a "shark-tank"- style panel of cross-industry titans at a live finale at Goldcorp's **#DisruptMining event** on March 3rd 2019, during the PDAC annual convention.



Canada

GOLDCORP



NORTHERN ONTARIO  
MINING SHOWCASE

SALON MINIER  
DU NORD DE L'ONTARIO



CEMI is proud to be a part of the FedNor funded **Northern Ontario Mining Showcase (NOMS)** at PDAC which provides an opportunity to Northern Ontario mining supply and service companies to promote their products and services to an international audience.

This event demonstrates that collectively Northern Ontario firms have the expertise, capacity and infrastructure to service the requirements of various small and large scale projects. The goal of the NOMS project is to provide support to Northern Ontario small and medium enterprises within the mining sector in leveraging new business through identifying potential partners, opportunities and networks.

For information about  
NOMS visit:

[northernontariominning.com](http://northernontariominning.com)



Douglas Morrison  
President & CEO

Sherry Greasley  
VP Business Operations

Lorelei Ratushniak  
Commercialization  
Services Advisor

Charles Nyabeze  
VP Business Development  
& Commercialization

Meet CEMI's PDAC  
Team at Booth # 22

Douglas Morrison, President and CEO of CEMI will be participating in the

## Mining Leaders North America Summit

North America mining industries' most exclusive & interactive c-Level gathering., presented by **EnerGlobe Ltd**

Friday, March 1<sup>st</sup>, 2019

One King West Hotel & Residence, Toronto, Ontario, Canada

For information visit: [www.miningleadersna.com](http://www.miningleadersna.com)

# Deep Mining Ecosystem Development Workshop

United Steelworkers - Local 6500  
66 Brady Street, Sudbury Ontario

March 28, 2019



The Deep Mining Ecosystem Development Workshop will address the following topics:

- Intensity of Mine Production—higher production, higher ore value, lower cost
- Energy Consumption—reducing the total amount of energy consumed
- Integration of Digital Technologies and Automation

For more information or to register visit:  
<https://www.cemi.ca/northern-ontario-deep-mining-ecosystem-development-workshop/>

## UPCOMING EVENTS & PRESENTATIONS

### CIM General Membership Meeting

Sudbury, Ontario, Canada  
March 21, 2019

Topic: *The Global Future of Mining in Northern Ontario*

### The Electric Mine

Toronto, Ontario, Canada  
April 4 - 5, 2019

Topic: *Electrification to Maximize Productivity*

### CIM 2019

Montreal, Quebec, Canada  
April 28 - May 1, 2019

Save The Date

# FUTURE OF DEEP MINING 2019

19 - 20 SEPTEMBER 2019  
ONE KING WEST HOTEL & RESIDENCES TORONTO

PRESENTED BY



SUPPORTED BY



This conference will bring together a large array of deep mine operators, solution providers, members of the mining research community, and those within allied industries wanting to learn more about the opportunities within this emerging marketplace.

# 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

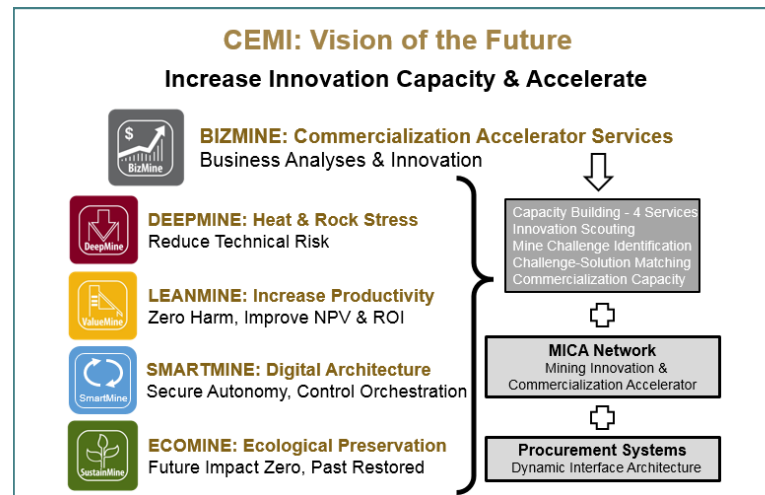
- Innovation Scouting**  
 Global search for current and emerging pre-commercial solutions
- Challenge Identification**  
 Review of existing challenges from technology road maps and uncovers hidden challenges using a systems analysis process
- Challenge Solution Matching**  
 Matches current and emerging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

**CEMI CONNECTS  
BUILDERS AND BUYERS  
OF INNOVATION**

CEMI's objective is to help the mining sector achieve step-change improvement in performance by accelerating the adoption of innovations in mines and by increasing the innovation capacity of the mining service companies that deliver techniques and technologies to the industry. There is no shortage of good ideas, or partially developed solutions to the very real problems that confront mining operations, but the process of converting these into commercially viable products and services that mining companies can adopt, is slow and difficult. The need for mines to achieve step-change improvement in operational performance is urgent and we are finding ways to make this happen more quickly and efficiently.

We focus on:

- Accelerating the commercialization of technical solutions to be market ready — **Viable Products & Services**
- Managing networks of technical solution providers and innovative SMEs — **Sector Collaboration**
- Systematically target issues relevant to the global mining industry as well as regional and national ones — **SME Export Market**
- Searching globally for solutions to locally critical operational bottleneck — **Industry-Identified Priorities**



## LOCATION

Laurentian University  
Willet Green Miller Centre, 4th Floor  
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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)

