

Ground Breaking News

FUTURE OF DEEP MINING CONFERENCE 2019

The Future of Deep Mining 2019 Conference (FDMC 2019) hosted by CEMI, (in partnership with IConnect) was at maximum capacity, evidence that the mining industry understands the value of showcasing emerging technologies and discussing issues related to deep mining and how we can keep moving forward to solve those issues. The event allowed for significant engagement and networking between attendees.



FDMC STATS

- 90 Attendees
- 41 Delegates
- 33 Speakers
- 19 Sponsors



DATE TO BE ANNOUNCED FOR **FDMC2020**

CEMI Annual General Meeting & Showcase

October 31, 2019, 8:00 am — 10:00 am
Clarion Hotel—Worthington South, 117 Elm Street, Sudbury

It has been a busy year for CEMI. We are paving a new way forward and this trend will continue well into the foreseeable future. Join us as we celebrate the year's accomplishments and discuss upcoming activities. Reserve your seat for the CEMI AGM at <https://www.eventbrite.com/e/cemi-annual-general-meeting-tickets-76341015031>. Limited seating available.

INTERNATIONAL OUTREACH—PERU

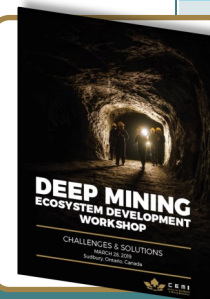
Sudbury Visit: Visitors from Peru and our partners from CORE Foundation, highlighted several issues with respect to land and water contamination. CORE, CEMI and LU are working together to implement solutions generated by the research and innovation being conducted in Sudbury.

PERUMIN 2019: D. Morrison attended the mining conference in Arequipa and presented at the CIEMIN Conference describing a new approach to tailings management that can resolve toxic tailings depositions and eliminate the long-term risk of failure.

UNSAAC: CEMI was invited to help UNSAAC (Universidad Nacional San Antonio de Abad del Cusco) establish an Innovation Centre that will work to commercialize mining technologies. C. Nyabeze made a presentation to the UNSAAC Conference in Cusco

INTERNATIONAL OUTREACH—AUSTRALIA

CEMI and METS Ignited have agreed on an MOU to promote a collaborative strategic approach to the commercialization of mining innovations. The MOU is a model for bilateral and multi-lateral collaboration to accelerate the commercialization of mining innovations from Australia and Canada into the global mining industry.



CEMI has compiled a report of the Deep Mining Ecosystem Workshop that was held in Sudbury on March 28, 2019. The workshop brought to the forefront the challenges faced by underground mining operations. Copies of the report will be available at the CEMI AGM.

A SPECIAL THANKS TO FDMC 2019 PARTNERS AND SPEAKERS

Thanks to the support of our Partners and the engagement of our Speakers and Panel Moderators CEMI's Future of Deep Mining Conference was a huge success.

For a complete list of Partners and Speakers visit www.cemi.ca/futureofdeepminingconference



QUICK UPDATE!

A statement of interest has been submitted to the Canadian Government's Strategic Innovation Fund for MICA. We are currently awaiting approval to move forward with a full application. The interest in this program has been overwhelming and the Network continues to grow.

UPCOMING EVENTS

Rocks & Stocks

Toronto, Ontario, Canada
October 22, 2019

<https://branches.cim.org/toronto/home/events/2019/october/rocksandstocks2019/>

OMA—MEET THE MINERS

Toronto, Ontario, Canada
October 29, 2019

Smart Mining Conference (SMC)

An RWTH Aachen University Event
Aachen, Germany
November 18—22, 2019

The **International Naturallia Forum** and CEMI are pleased to host the **Canada Day presentations** that precede the SMC Conference. For more information visit <https://smartmining.academy-rwth.de/>



CEMI supports the Energy and Mines World Congress, bringing together 400+ senior mining, energy, finance and government experts to network.

Mining operators have the option to apply for a limited number of guest passes. To register visit <https://worldcongress.energyandmines.com/mine-pass/>. For 20% off your registration enter CEMI20.

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

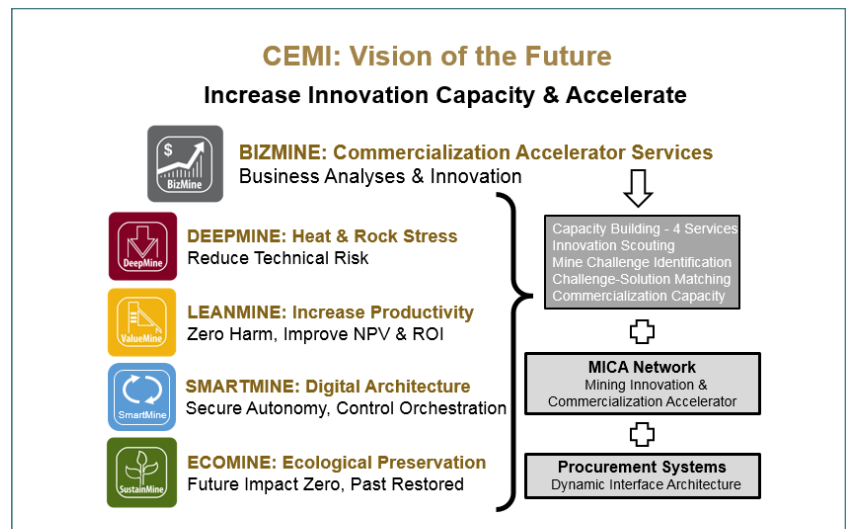
- Innovation Scouting**
 Global search for current and emerging pre-commercial solutions
- Challenge Identification**
 Review of existing challenges from technology road maps and uncovers hidden challenges using a systems analysis process
- Challenge Solution Matching**
 Matches current and emerging 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'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**

CEMI CONNECTS BUILDERS AND BUYERS OF INNOVATION



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

www.cemi.ca

