



**CEMI**  
Centre for Excellence  
in Mining Innovation

March 2021

# Ground Breaking News



## CANADIAN MINERAL PROCESSING INNOVATION PORTAL - CMPIP.CA

CEMI has recently launched the Canadian Mineral Processing Innovation Portal, CMPIP.ca, an online portal dedicated to highlighting innovations and encouraging discussions around user-submitted Mineral Processing Innovation related articles. This portal hosts curated current information on Innovation in Mineral Processing and includes an innovation-related events calendar. As this portal grows, we envision it being the go-to place for those interested in learning about innovation trends in the following areas.

•FEED •MILL •OPERATIONS •LIBERATION

Become engaged by participating in the conversation. Support the initiative by becoming a sponsor. Find out more at [cmPIP.ca](http://cmPIP.ca) or contact us at [info@cmPIP.ca](mailto:info@cmPIP.ca)

Join the conversation at

**CMPIP.CA**

This CEMI led project was delivered as part of the commercialization support services for Natural Resources Canada's Impact Canada Crush It! Challenge.



Natural Resources  
Canada

Ressources naturelles  
Canada

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



Canada's Mineral Processing Ecosystem Map is available for download at [cmPIP.ca](http://cmPIP.ca)

## HUB DE INNOVACIÓN MINERA DEL PERÚ AND CEMI SIGN A COOPERATION AGREEMENT

Working together to consolidate the mining sector as an adopter of innovation.



The Hub de Innovación Minera del Perú and CEMI announced an alliance to promote actions that add value and foster innovation, entrepreneurship, and collaboration between public and/or private institutions aiming to build the mining sector of the future.

Activities highlighted by this agreement include co-designing discussion spaces that could lead to innovative initiatives, facilitating connections that could add value to the activities designed and to each country's ecosystem, sharing opportunities for collaboration in innovation projects, disseminating benefits and contributions regarding both joint and individual activities, sharing experience through expert professionals, among others. Likewise, CEMI will be part of the activities of PERUMIN Hub, an open innovation program, by disseminating challenges and calling for innovators, using its network to seek opportunities. [Read more...](#)

## CEMI EXPANDS HORIZON FOR MINING INNOVATION

CEMI and 2GLOB are pleased to announce their Strategic Alliance to leverage CEMI's global network and 2GLOB's mining portfolio. This alliance will bridge the internationalization, innovation and commercialization gap faced by innovative companies from across Canada entering strategic global markets. CEMI will work with 2GLOB in identifying investable innovations and opportunities that can assist global mining ecosystems and all levels of the mining value chain in mitigating uncertainty and risks in entering emerging markets. CEMI and 2GLOB believe this will lead to the growth and scaling up of Canadian small to medium-sized enterprises (SMEs) by increasing the market of their made-in-Canada products and services, in cooperation with Keiretsu Forum and Dentons law firm. This new partnership offers a mechanism to de-risk market entry while leveraging existing export development resources including:

Local and national programs | Trade and industry associations | Government of Canada Trade Commissioner Services | Export Development Canada (EDC) | Business Development Bank of Canada (BDC)

JOIN US ON APRIL 7, 2021 TO BE PART OF THE OFFICIAL LAUNCH

## VIRTUAL CONFERENCES

Northern Ontario Mining Showcase at



VIRTUAL CONVENTION+EXPO MAY 3-6 MAI

Virtual Convention and EXPO  
May 3 - 6, 2021



Connecting mining companies with innovative equipment, technology, and services  
June 7 - 9, 2021



Connecting Technology Innovators, Investors, End-users & Energy, Cleantech & Mining Value Chains  
August 18 - 19, 2021

## RECENT WEBINARS



[Global trend of localizing supply chains](#)



[Introduction to Intellectual Property IP for Mining and Mineral Processing](#)



[Revolutionary ammonium nitrate variable energy explosive](#)

## MORE WEBINARS

For more mining innovation webinars  
Subscribe to the

[CEMI YouTube Channel](#)



## 2GLOB & CEMI

### WEBINAR

We invite you to join Douglas Morrison, President/CEO of CEMI, and representatives from 2Glob, Dentons and Keiretsu as they introduce this first of its kind made-in-Canada internationalization platform.

Find out how your organization could benefit from this exciting new partnership.

Date: April 7, 2021

Time: 1:30 pm - 2:00 pm EST

REGISTER NOW

# Fostering Innovation Implementing Excellence

## 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.

## CEMI NETWORK

CEMI has developed a global network, designed to bridge the innovation-commercialization gaps by bringing together cross-sector Innovators with made-in-Canada solutions for the mining industry.

## PARTNER AND CLIENT SEGMENTS

Our services are designed to bridge the gap between a challenge and a solution. To do that, organizations are matched and grouped together based on their needs, and to deliver the best possible outcomes.

## 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

## STAY INFORMED

Stay informed. **JOIN OUR MAILING LIST** to receive CEMI's Newsletter, event notifications, and other special announcements.

Contact: [INFO@CEMI.CA](mailto:INFO@CEMI.CA)



## CEMI ENGAGEMENTS AND COLLABORATIONS

### kj kuchling consulting ltd

[KJ Kuchling Consulting Ltd](#) is a mining study provider to global mining companies and consulting in various mineral commodities. For more information contact [KJKLtd@rogers.com](mailto:KJKLtd@rogers.com)

CMPIP Article: [Mineral Processing – Can We Keep It Dry?](#)

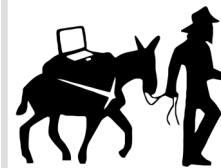
### sofvie

[Sofvie](#) is a software and service company focused on minimizing workplace hazards and aligning workplace culture using collaborative intelligence. We provide an all-in-one transformative system leading to enhanced productivity and due diligence. Contact [hello@sofvie.com](mailto:hello@sofvie.com) for more information.

CMPIP Article: [Breaking down barriers with real-time transparent communication](#)

[Enviro Integration Strategies](#) is sparking a mine waste revolution – facilitating collaboration, creating circular value & reducing the risks of mine wastes. For more information contact [kchovan@envirointegration.com](mailto:kchovan@envirointegration.com).

CMPIP Article: [Reversing the Trend](#)



[Lost Dutchman Minerals LLC](#) developed a water and chemical free ore concentration technology for use by gold and silver miners. For more information contact [waynegrod@yahoo.com](mailto:waynegrod@yahoo.com)

CMPIP Article: [Ore concentration technology that does not use water or chemicals.](#)

[iRing Inc.](#) is a global leader in the development of underground drill & blast planning software that helps a mine improve its effectiveness and efficiency. Contact [info@iring.ca](mailto:info@iring.ca) for more information.

CMPIP Article: [Transforming Underground Blasting Operations into Primary Crushing Operations](#)



### DISA

[Disa, LLC](#) is an innovative materials liberation company providing solutions that optimize the world's use of resources and radically disrupt best practices in the mining and reclamation industries.

For more information about Disa contact [greyson@disausa.com](mailto:greyson@disausa.com)

CMPIP Article: [High-Pressure Slurry Ablation \(HPSA\): An Emerging Liberation Technology](#)

For more [Commercialization Services Engagements](#) visit [www.cemi.ca/commercialization-projects](http://www.cemi.ca/commercialization-projects)

## The Global Mining Industry in 2030 and Beyond

The Green Transition to a low-carbon economy is the greatest economic and technological challenge of our generation. But it cannot be met without innovation to produce more metals of every kind and reduce environmental impact. MiningGreen2030 is innovation to recover the post-COVID19 economy faster than return-to-normal - and save the planet. [Read more...](#)

## SUPERCLUSTER MEMBERSHIPS

CEMI is pleased to be a member of all the Superclusters funded by the [Canadian Government Superclusters Initiative](#). We will be collaborating with the Superclusters to identify opportunities for mining application in Supercluster funded projects and activities.

- Ocean Supercluster (based in Atlantic Canada)
- SCALE.AI Supercluster (based in Quebec)
- Advanced Manufacturing Supercluster (based in Ontario)
- Protein Industries Supercluster (based in the Prairies)
- Digital Technology Supercluster (based in British Columbia)