NEW TECHNOLOGY AND THE FUTURE OF MINING IN A COVID-19 ERA

WEBINAR

Wednesday, September 9, 2020
9 a.m. ET / 3 p.m. CEST
ON THE AGENDA

How are the twin drivers COVID-19 and new technology shaping the mining industry and the relationship with society and communities? How are they re-shaping the way mining companies invest, plan and operate?

In what ways is COVID-19 acting as an accelerator of existing trends?

What role can industry and governments play in ensuring the post-COVID world brings shared value through mining activity?
IGF’S COVID-19 RESPONSE SERIES

Mining During and After COVID-19: A perspective from IndustriALL Global Union

July 23, 2020

The COVID-19 pandemic has accelerated the future and prepared trade unions for the new world of work in mining post-COVID-19, the authors say.

Webinar: COVID-19 and Local Procurement: How will the mining sector’s supply chains adapt?

Join us May 13 to discuss the impact of COVID-19 on supply chains and local content policies.

Latin American Governments Offer Mining-Specific Measures for COVID-19

May 03, 2020

Argentina, Colombia, and Peru have released mining-specific COVID-19 protocols, we have summarized the key elements in these guidelines.
IGF’S NEW TECH, NEW DEAL PROJECT

Stakeholder meetings, such as our expert consultation in Paris, held June 20–21, 2019

Crowdsourcing ideas and information, including our five-week consultation on Goxi held May 13–June 10, 2019

In-country consultations

Regional dialogues

Engagement with our membership
SPEAKERS

Aaron Cosbey, Senior Associate, IGF (Moderator)

Osvaldo Urzúa, Centre for Copper and Mining Studies (CESCO), Chile; former Head, Institutional and Government Relations, BHP Billiton

Froydis Cameron-Johansson, Group Head, International and Governmental Relations, Anglo American

Wessel Badenhorst, Partner, Hogan Lovells, Johannesburg
INDUSTRY AND COMMUNITY IMPACTS

with Osvaldo Urzúa, CESCO (Centre for Copper and Mining Studies), Chile
The challenge requires and holistic approach and collective action.

There is a high level of awareness, but the “agenda” is still quite fragmented.
### Impact by group of stakeholders

*Employment, local buying, local innovation, economic transformation*

<table>
<thead>
<tr>
<th>Technological Areas</th>
<th>Local communities in mining regions</th>
<th>Cities in mining regions</th>
<th>Metropolitan areas at national level</th>
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<tbody>
<tr>
<td>A. Industrial Revolution 4.0</td>
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<td>(Automation, robotics, digital solution, etc.)</td>
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<td>B. Low carbon and sustainability</td>
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<td>(Renewables, nature-base solutions, circular, etc.)</td>
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<td>INTEGRATED ASSESSMENT (A+B)</td>
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**Employment (direct and indirect)**

**WITHOUT**

*Policy and Collective action*

**WITH**

*Policy and Collective action*
The emergence of new business models to create value

*Integrating community impact of business decision making*

Shareholder supremacy

- Making money first and then making good

1. **Value proposition to shareholders**

   - **Profit**
     - Low
     - High

   - **Social Value**
     - Low
     - High

2. **Social Investment and CSR**

   - **Social Value**
     - No value
     - Some value

Collective purpose-based engagement

- Making good and money together

   - **Value expected by stakeholders**
     - Low
     - High

   - **Value expected by shareholders**
     - Low
     - High

   - **Company's strategy value proposition**

   I  Viable organization

   II  Economically not-viable

   III  Socially not-viable

   III  Not-viable

I  Viable organization

II  Economically not-viable

III  Socially not-viable

III  Not-viable
THE CHALLENGE OF INEQUALITIES

with Froydis Cameron-Johansson, Anglo American
INDUSTRY TRENDS, POLICY IMPLICATIONS

with Wessel Badenhorst, Hogan Lovells
QUESTIONS AND DISCUSSION
CLOSING THOUGHTS
THANK YOU

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INTERGOVERNMENTAL FORUM on Mining, Minerals, Metals and Sustainable Development