GMG Forum

January 20-21, 2026 | Fundacion Chile - FCh

Join us at the Global Mining Guidelines Group (GMG) Forum, which will take place in Santiago, Chile, on January 20–21, 2026. This two-day event will bring together mining operators, OEMs, OTMs, integrators, technology providers, and innovators to explore how digital transformation, artificial intelligence, and emerging technologies are shaping the future of mining in Latin America and beyond.

Through real case studies, lessons learned, and collaborative discussions, participants will analyze both the opportunities and challenges of adopting and scaling new technologies across the entire mining value chain.

The program will cover the full spectrum of mining innovation — from the evolution of mine design and operations, to the integration of advanced technologies, the achievement of decarbonization and sustainability goals, and the use of data and artificial intelligence to drive operational excellence.

Looking ahead, the Forum will highlight strategies and success stories that are redefining what it means to achieve smarter, safer, and more sustainable mining.

Organized by

GMG SANDVIK CODELCO expande somos FCh elecmetal

January 20 | Day 1 - Morning

How do we evolve mine design and operations to meet tomorrow's challenges?

8:30 am **Coffee & Networking**

9:00 am **Welcome & opening remarks**
Andrew Scott, Co-CEO, Global Mining Guidelines Group

9:15 am **Enabling Solutions for Access to Restricted Mineral Reserves**
Christian Guerrero, Senior Manager, Blasting Engineering LATAM, Orica

9:45 am **Mine Design and Operations for Tomorrow: Innovation Through Collaboration**
Byron Hurtubia, Head of Engineering and Technological Development, Mining3

10:10 am **Rethink Mine Design Update**
Andrew Scott, Co-CEO, Global Mining Guidelines Group

10:20 am **Panel | Rethinking Mine Design: Building the Next Generation of Operations**
As ore bodies become more complex and operations face growing cost, safety, and sustainability pressures, mine design must evolve. This panel will explore innovative approaches to planning and operating mines of the future, from integrating automation and electrification into material movement, to designing for flexibility, safety, and environmental resilience. Panelists will share lessons learned and practical strategies for reimagining mine design to remain competitive and sustainable.

Panelists:
- Andrew Scott, Co-CEO, Global Mining Guidelines Group
- Byron Hurtubia, Head of Engineering and Technological Development, Mining3
- Kim Rojas Montes, Engineering and Innovation Projects Superintendent, Antamina
- Rodrigo Bermudez, Co-Founder, Skalling (Moderator)

11:00 am Coffee & Networking

11:30 am **Working Session** | An in-depth analysis of how we need to evolve mine design and associated operations to fully leverage zero-personnel operations, efficient energy use, and adaptability in the face of geological, environmental, economic, and political challenges.

12:30 pm Lunch (included)

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January 20 | Day 1 - Afternoon

How can mining catch up with emerging and available technologies?

1:30 pm **The CNP as an Articulator of Innovation: From Technological Piloting to Public-Private Collaboration**
Andrés González, General Manager, CNP

2:00 pm **Autonomous Priming System for Open-pit Mining: Challenges and Results**
Darco Peña, R&D Engineer Robotics, Enaex

2:30 pm **Working Session** | A hands-on session to explore the real barriers to implementing new technologies in mining operations and how to overcome them. Working in small groups and using a visual two-curve template, participants will identify current challenges, map the gap between current and ideal practices, and imagine what could be achieved with unlimited resources. The outcomes will help validate GMG's ongoing projects and identify opportunities for future guidance and collaboration.

3:30 pm Coffee & Networking

4:00 pm **How Easy (or Hard!) is Innovation Scalable, Transferable, and Sustainable?**
Maximiliano Calderón, Principal Innovation, BHP

4:30 pm **Panel** | **Bridging the Innovation Gap: From Pilot Projects to Scaled Deployment**
Despite the rapid pace of technological advancement, mining often lags in adoption. This panel will focus on how the industry can accelerate the uptake of proven and emerging technologies such as electrification, digital platforms, and automation. Panelists will discuss barriers to adoption, strategies for scaling successful pilots, and how collaboration with OEMs, OTMs, and technology partners can drive faster, more impactful results.

Panelists:

- Ariel Medina, Head of Digital Business, ME Elecmetal
- Claudio Barrientos, Data Science Manager, Honeywell
- Diego Cerna Soto, Senior Technology Innovation and Assessment Engineer, Antamina
- Andoni Torrontegui, Head of New Business and Innovation - Development and Project Management, ENAMI (Moderator)

5:30 pm End of day

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January 21 | Day 2 - Morning

How do we meet carbon and other sustainability goals?

8:30 am **Coffee & Networking**

9:00 am **Reflections from Day 1 and introduction to Day 2**
Andrew Scott, Co-CEO, Global Mining Guidelines Group

9:15 am **From Data to Action: Driving Business Sustainability with Smart Energy Solutions**
André Lamagdelaine Zerega, Deputy Manager, Mining Solutions, AbastibleTec

9:45 am **Panel** | **Mining's Path to Net Zero: Turning Commitments into Action**
Sustainability is now a defining factor for mining's license to operate. This panel will examine how companies are tackling decarbonization, energy efficiency, water stewardship, and tailings management to meet ambitious ESG goals. Panelists will share case studies, highlight innovative solutions, and discuss how partnerships, policy, and technology can help mining not only reduce its environmental footprint but also create long-term value for communities and stakeholders.

Panelists:

- Arturo Espinosa Cáceres, Program Coordinator for HuellaChile, Ministry of the Environment
- Claudio Quiñones, Business Development Manager, Schneider Electric
- Francisco Pizarro Flores, Innovation Project Manager, Enaex
- Jair Alarcon, Manager - Technical Services, Orica
- Jorge Barrios, Traceability Leader, Corporación Alta Ley (Moderator)

10:30 am Coffee & Networking

11:00 am **GMG Presention** | Update on Surface Battery Electric Vehicles and Energy Management projects

11:30 am **Working Session** | Deep dive into how we can work together to meet our carbon and other Sustainability goals. Working in small groups, explore options, opportunities and challenges to the industry. How can we collaborate across the industry.

12:30 pm Lunch (included)

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January 21 | Day 2 - Afternoon

How can AI and data applications drive transformation and operational excellence?

1:30 pm **Digital Twins to Optimize Mining Operations**
Rodrigo González Guerra, Founder & CEO, Minverso

2:00 pm **Optimizing Flotation Circuits with AI-Driven Solutions: Enhancing Process Stability and Metal Recovery**
Cristian González Catalán, Manager, Technical Services, Intellisense.IO

2:30 pm **Working Session** | Brainstorming session for input into the AI and Data working groups. Chance to contribute and help with the road mapping work.

3:00 pm Coffee & Networking

3:30 pm **AI in Mining: From Hype to Real Impact**
Nicolas Patricio Tagle Lucero, Superintendent of Advanced Analytics, Minera Los Pelambres

4:00 pm **Panel** | **From Data to Decisions: Harnessing AI for Mining Transformation**
Artificial intelligence and data analytics are reshaping the mining value chain, from predictive maintenance and resource modeling to optimizing fleets and improving decision-making. This panel will explore how companies can move beyond experimentation to embed AI and data-driven practices into core operations. Panelists will highlight success stories, challenges, and future opportunities, emphasizing how AI can drive measurable improvements in productivity, safety, and sustainability.

Panelists:

- Alexander Chacón Butrón, Senior Consultant expert, Digital Transformation and Asset Management
- Antonia Vargas, Intellectual Property Manager, Enaex
- Herman Aguirre-Jofré, Lead Researcher - Responsible Production and Mine Process Optimisation, SMI-ICE-Chile
- Rob Labbé, CEO and CISO-in-Residence, Mining and Metals ISAC
- Enzo Tardones Contreras, Founder & CEO, Inprotar SpA (Moderator)

5:00 pm Wrap up | Forum ends

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Many thanks to our

Organizing Committee, Sponsors, and Host

- Alvaro Baeza, Manager, Glencore
- Antonia Vargas Ferrer, Intellectual Property Manager, Enaex
- Byron Hurtubia, Head of Engineering and Technological Development, Mining3
- Christian Guerrero, Senior Manager Blast Engineering LATAM, Orica
- Claudia Carolina Monreal Lopez, Planning and Development Manager, CMP Minería
- Claudio Quinones, Business Developer Manager Heavy Industries SAM, Schneider Electric
- Felipe Merino Director, Corporate Innovation and Intellectual Property Management, Codelco
- Jaime Gonzalez, Head of Mining, McInversiones
- Maki Ikeda, Head of Innovation, Product Development, BHP
- Marcela Schmidt, Principal Global Metallurgy & Processing, BHP
- Marcelo Ponte, VP Marketing, TIMining
- Marco Ruiz Hernandez, Local Division Manager, ABB
- Raul Roco Ahumada, Director, Technical Services, Teck
- Reinaldo Mira, Researcher, Mining3
- Ricardo Aguilera, Regional Director - Digital, South America, Hatch
- Rodrigo Bermudez, Co-Founder, Skalling
- Rolando Moreno, Tech Architect & Lab Lead, TIMining
- Romela Marin, Technology Intelligence Coordinator, Codelco
- Valentina Wyman, Leader - Mining Innovation Ecosystem, Expande

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ANTITRUST COMPLIANCE

DO'S

- Prepare and circulate written agendas for all GMG Annual, Board, and committee meetings, and any other meetings that may entail roundtable discussions among competitors. Conduct all such meetings pursuant to the previously prepared written agendas, and prepare clear, concise, accurate, and unambiguous written minutes of each such meeting.

- Avoid all loose, facetious, or careless remarks, especially those in writing, that could be misconstrued as posing antitrust problems if read out of context.

- Review all matters of potential antitrust sensitivity with the GMG CEO or other designated staff person. Such matters would include, for example, any proposed discussion of prices, limitation or allocation of production, division or allocation of markets or customers, and boycotts or refusals to deal with prospective customers. When in doubt or when otherwise appropriate, GMG staff will review such matters with legal counsel.

DO NOT'S

- Engage in any discussions with or among competitors which relate to customers, sales territories, production, capacity, amount of reserves, output, or any other information relating to production or output.

- Exchange or discuss any other confidential statistical or financial information of any company.
- Discuss the advantages, desirability, or possibility of eliminating or impairing any competition, whether existing or potential, foreign or domestic.

- Assume that foreign sales or production are not subject to your country's antitrust laws.

- Guess. When in doubt, get help-consult with GMG staff / representative and legal counsel.

GMG

Code of Conduct

- Be friendly and patient
- Be respectful
- Be welcoming
- Be considerate
- Be careful in the words that you choose
- When we disagree, try to understand why
- A simple apology can go a long way
- Moderate your expectations
- Do not insult or put down other community members (individuals or companies)

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