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Innovation is a necessity to meet the challenges in the mining industry







01 INDUSTRY 4.0

Industry 4.0 as a concept for safer and more productive processes

02 GREEN MINING

- Energy and water efficiency

- Circular economy in mining

- Renewable energies

03 TAILINGS

Management and extraction of raw materials; recultivation; remediation of old mining sites

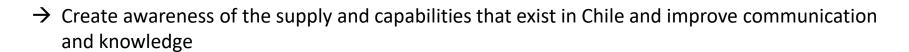






Innovation environment in Chile

- Chile leads the Latin America and Caribbean region in the Global Innovation Index 2022 ranks especially well in tertiary enrolment and new businesses.
- Over the last 25 years, Chile has successfully implemented public policies to promote and finance innovation and entrepreneurship. As a result of these measures, Chile has a modern network of strategic technology centers and strategic technology programs.



→ Extend Public policies and strategies for the technological development of mining companies that enable them to increase their investments in research, development, and innovation.











Opportunities for participation

State

• Corfo organizes national and international programs, calls and biddings https://www.corfo.cl/sites/cpp/movil/programasyconvocatorias

Innovation Networks

- Open Innovation Platform Expande publishes challenges in the mining sector and looks for solutions https://expandemineria.cl/
- Alta Ley's international network for supplier development https://redproveedores.corporacionaltaley.cl/

Universities

- Auch diverese Universitäten veröffentlichen ab und zu licitaciones
- Recent example of the Universidad de Desarollo: https://ingenieria.udd.cl/enviro/licitacion-publica/