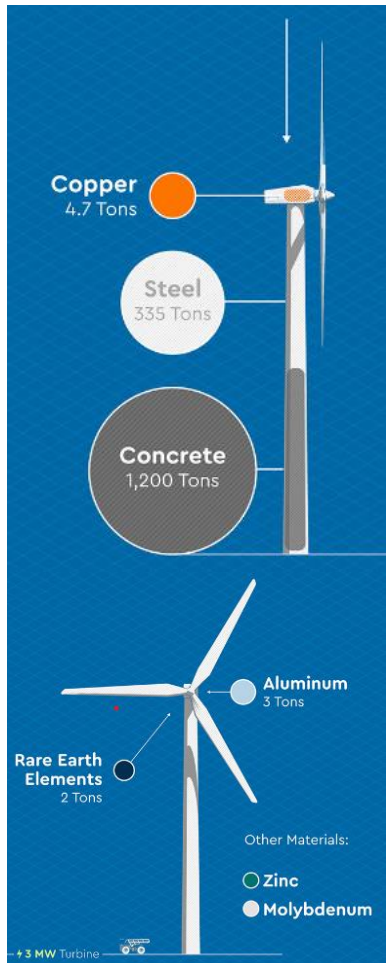
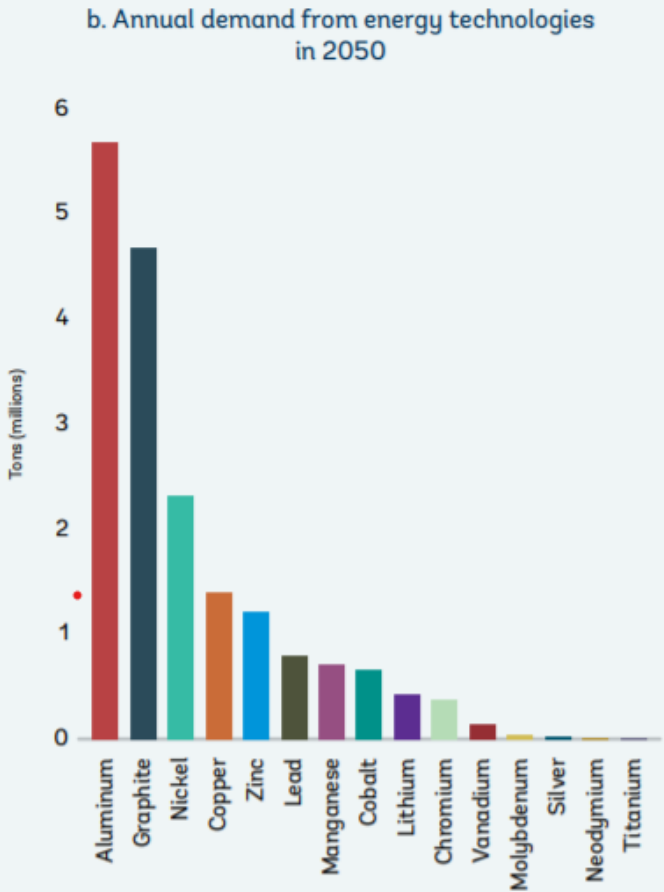
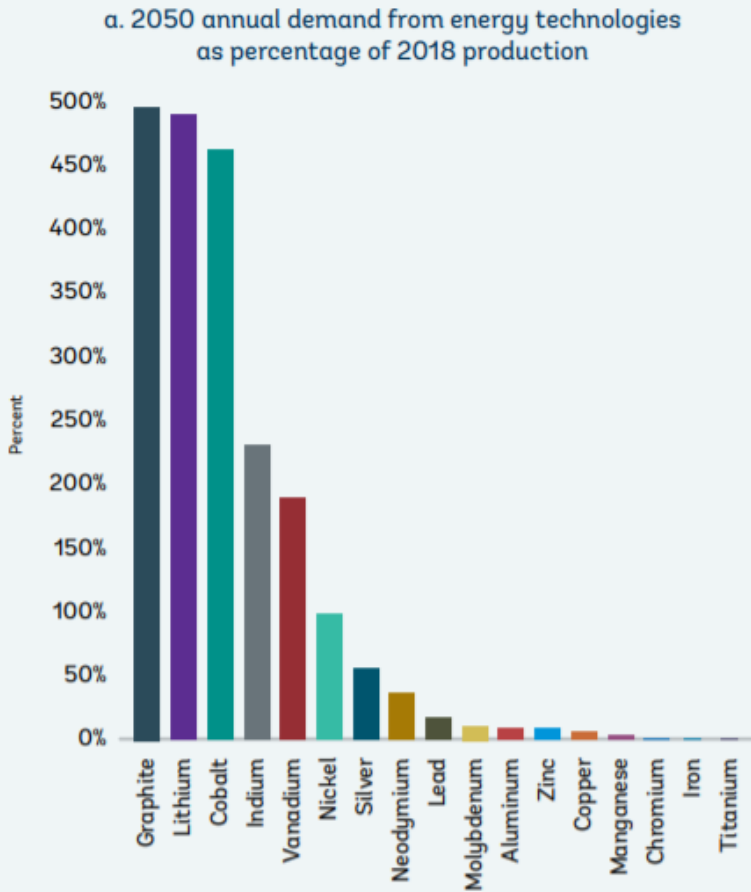


# **Risks and opportunities for the mining sector due to the energy transition: A perspective from the Andean region**

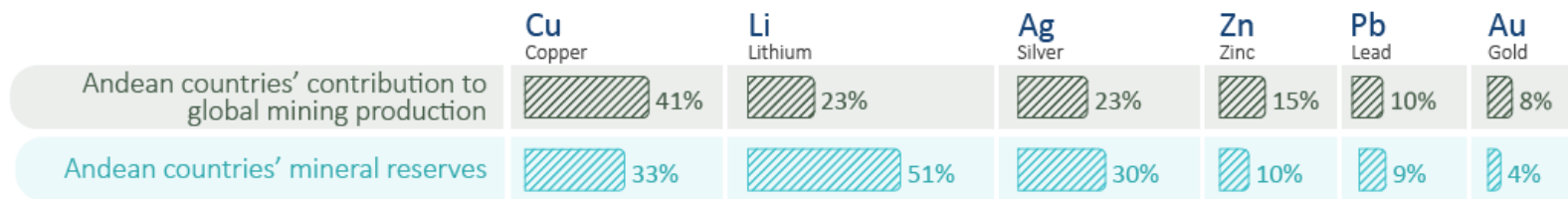
***Building Back Better and Greener — Sustainable, Low-Carbon Industrialisation  
2020-21 Sustainable Development Transformation Forum, February 25, 2021***

# Energy transition is mineral intensive

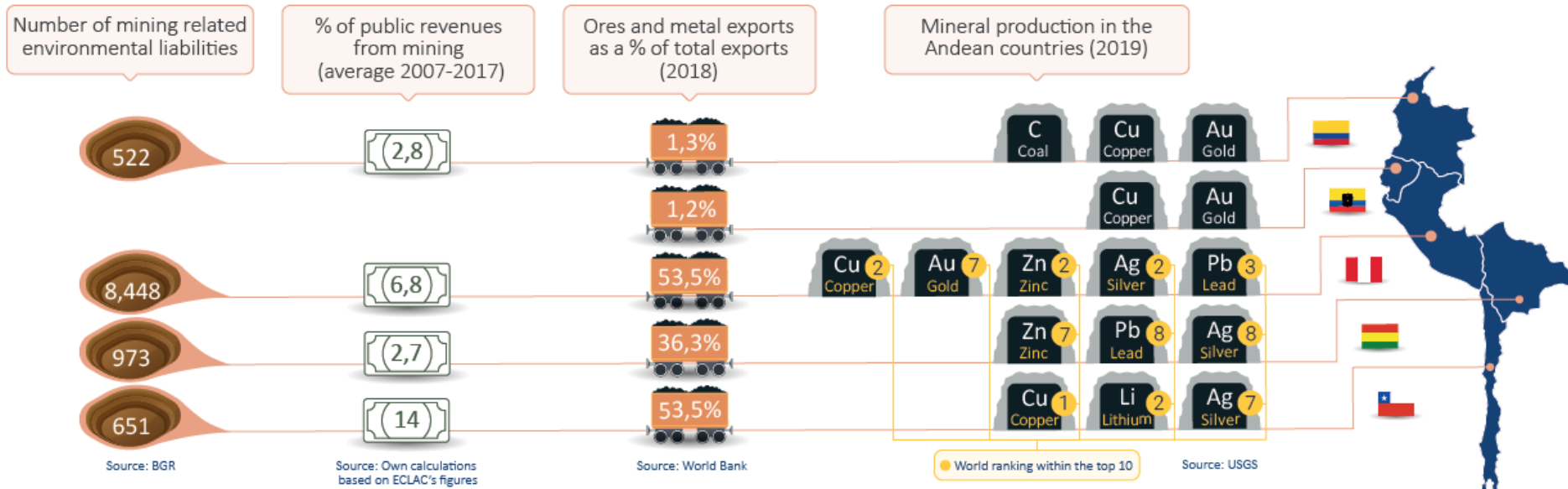
Source: World Bank



# Andean region can play a key role in supplying needed minerals



Source: Own calculations based on USGS figures (2019)



# Need to ensure that the energy transition does not come at societal and environmental costs where mining occurs

Source: INDH Chile



*Protest against mining activities in Arica, Chile, 2018.*

Source: Mining.com



*Mariana Tailings Dam disaster, Minas Gerais, Brazil, 2015.*

# Regional Cooperation for the Sustainable Management of Mineral Resources in the Andean Countries (MinSus)

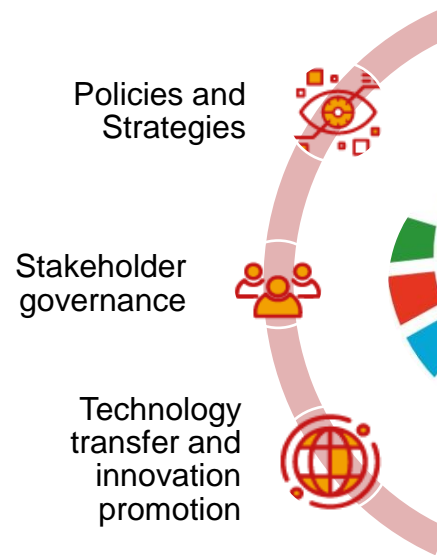
## Region



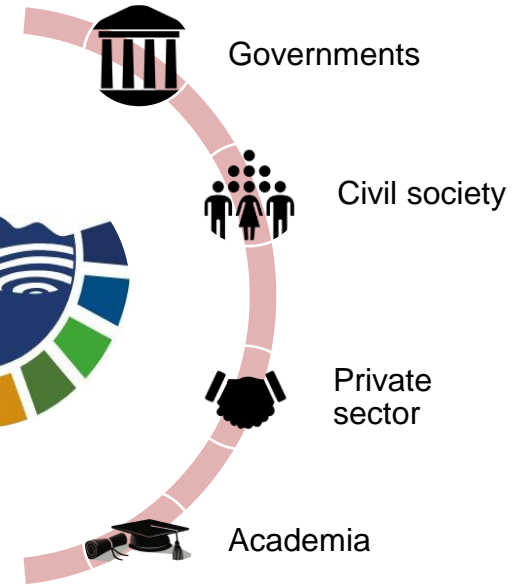
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## Components



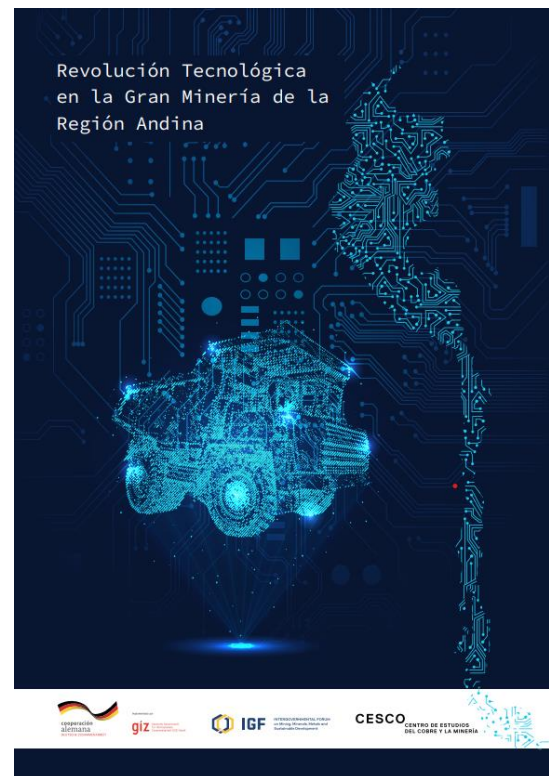
## Counterparts





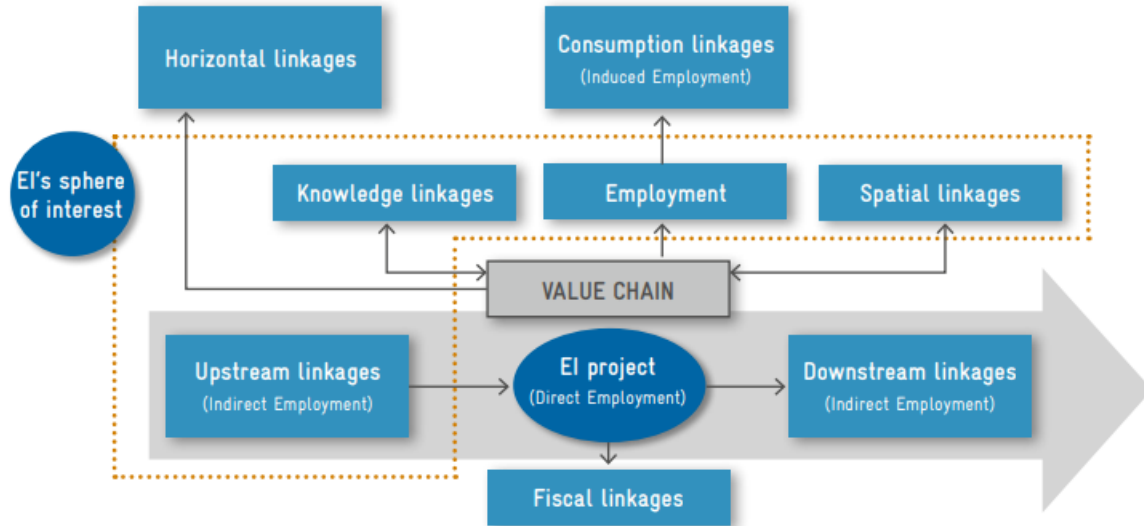


## Policies and Strategies: Dealing with new trends





# Policies and Strategies: Diversifying using the mining sector





# Stakeholder Governance: Promoting multistakeholder dialogue, effective complaint mechanisms and participatory decision making



Source: Minera El Abra

Community dialogue process







# Technology transfer and innovation promotion: Decarbonising the mining sector



Fuente:ellaimasolar.cl



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# Technology transfer and innovation promotion: Innovating at university and promoting interdisciplinary exchange



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## Key messages

1. Energy transition is mineral intensive
2. Need to ensure that the energy transition does not come at societal and environmental expense where mining occurs
  - A. Requires new technologies to minimize the environmental footprint of mining
  - B. Requires territorial strategies and inclusive approaches to avoid a “not in my backyard” backlash

# Contact

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