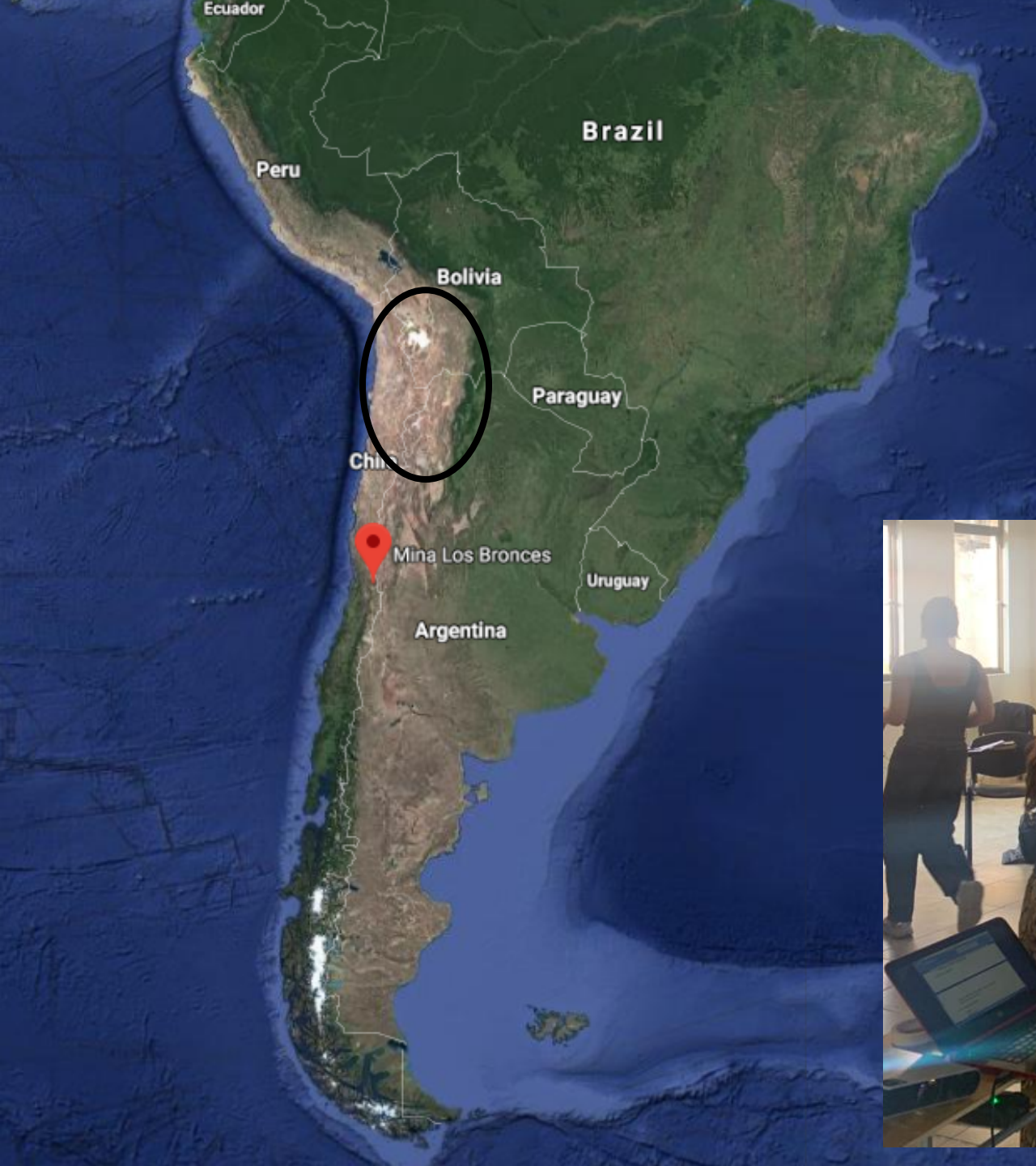


# *A fair* Minerals Supply Chain?

## Lessons learnt from local trainings

Alberto Vázquez Ruiz (CATAPA, Belgium)





# Chile



- Lithium extraction from salt flats (communities and organisations)







# Chile



- Lithium extraction from salt flats (communities and organisations)







- Copper extraction in the Andes (communities gathering)













COOP MINERA EL 'PORVENIR' RL







- Mining workers cooperatives
- Two kind of ore:
  - 1) Zinc-Silver-Lead (and Indium, etc.)
  - 2) Tin















RES. 001 - 001  
PROYECTO 70-200

**PELIGRO**

**CAIDA DE ROCAS**  
**NO INGRESAR**



**ZONA DE RIESGO**





**DEPOSITO DE  
MATERIAL  
EXPLOSIVO**

A yellow diamond-shaped hazard symbol with a black starburst pattern and the word "EXPLOSI" written below it.















**EJEMPLO: UMICORE (BÉLGICA)**

<p>Producción primaria: ≤ 5 g/t Au de exfoliaciones actuales</p> 	<p>Producción secundaria: ≤ 250 g/t Au de placas de circuitos electrónicos</p> 
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\*Umicore Precious Metals Refining A key partner in closing the life cycle of EEE (Electrical and Electronic Equipment):  
<http://www.umicores.com>

**IMPLEMENTACIÓN DE LA GESTIÓN INTEGRAL DE RESIDUOS SÓLIDOS EN LA CIUDAD DE ORO.**

PLANTA DE TRATAMIENTO (SELECCIÓN Y COMPOSTAJE) Y FORTALECIMIENTO DE LA E.M.A.O.



ORGÁNICA  
RESIDUOS REUTILIZABLES  
RESIDUOS NO APROVECHABLES

**IMPLEMENTACIÓN DE LA GESTIÓN INTEGRAL DE RESIDUOS SÓLIDOS EN LA CIUDAD DE ORO.**

PLANTA DE TRATAMIENTO (SELECCIÓN Y COMPOSTAJE) Y FORTALECIMIENTO DE LA E.M.A.O.



**DEPARTAMENTO DE AGUAS, CUENCAS Y RÍOS**

GOBIERNO AUTÓNOMO DEPARTAMENTAL DE ORO  
SECRETARÍA DEPARTAMENTAL DE Medio Ambiente, Agua y Gestión Urbana  
DIRECCIÓN DEPARTAMENTAL DE Aguas, Cuencas y Ríos

**PERÚ**

**A.D.O.R.**



Speaker: A man in a white sweater and scarf, holding a microphone and pointing towards the screen.

Audience: People seated in white plastic chairs, seen from behind. Some clothing labels are visible: 'ARQUITECTURA ORURO', 'marathon', 'SOLIVAR'.



## Electronics Watch

Red de monitoreo en regiones de producción.













# Conclusions from Bolivia

- **Cooperatives are a system of self-exploitation (short-term planning)**
  - **Health issues in the mine, outside the mine and downstream**
  - **Safety limited to the minimum necessary to continue production**
  - **Gender inequality issues**
  - **Agriculture in the nearby area no longer possible or safe, reinforcing the spread of new mines.**
- **The creation of a fair supply chain is a viable option for the Department of Oruro**





# Conclusions

- **It's not possible to talk about the renewable energy supply chain or the expansion of ICT (both which fit the narrative of modernisation) without considering lithium or copper and their impacts in the territories where they are being extracted.**
- The organisations in Chile and Bolivia are showing interest of becoming a monitoring partner of EW, they are claiming fair salaries and clean environments to work. They need the implementation of a multi-stakeholder monitoring framework to work towards a fair supply chain.
- EW can make a difference over here.





**TOWARDS A FAIRER  
ICT SUPPLY CHAIN**

*Research and fact-finding mission  
in the context of the project 'Make ICT Fair'  
in Oruro, Bolivia*

April – September 2019



# Public event:

## *Towards a responsible Supply Chain of metals in the EU*

### Brussels, June 2020

# Contact

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