



UNECE RESOURCE MANAGEMENT WEEK 2023
ASSURING SUSTAINABILITY IN RESOURCE MANAGEMENT
25 - 28 APRIL 2023 | PALAIS DES NATIONS | GENEVA



Collaboration for Critical Raw Materials: Activities of the Working Group on Transforming the Extractive Industries for Sustainable Development

25 April 2023



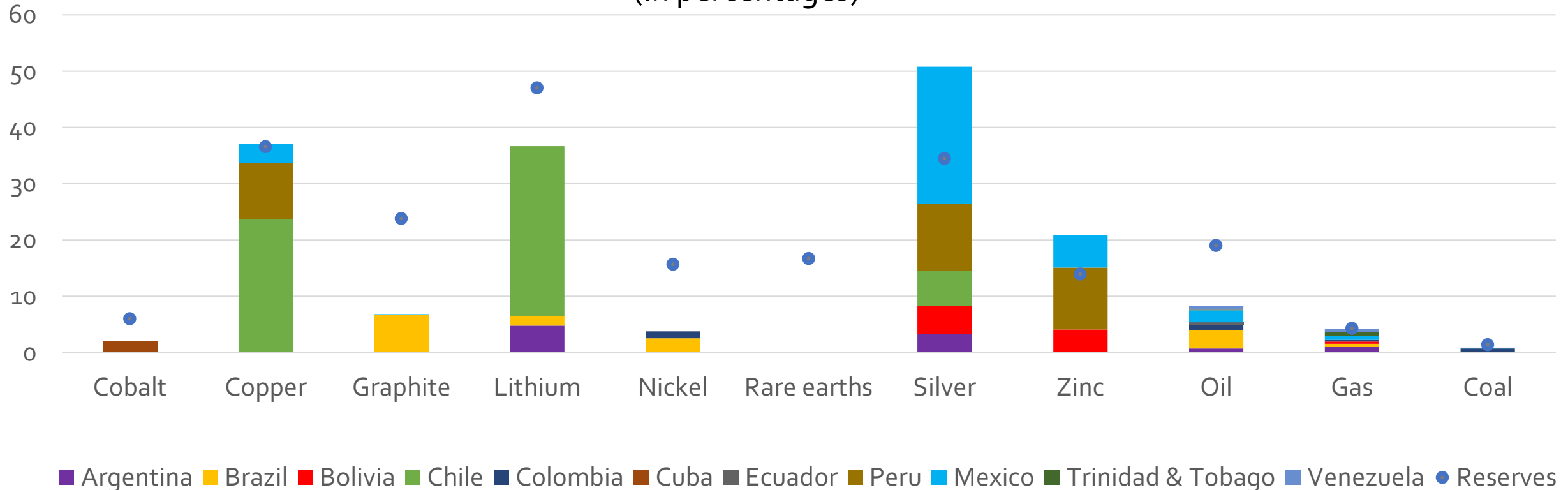
UNITED NATIONS

ECLAC

Natural Resources Division
Economic Commission for Latin America and the Caribbean

LAC mineral endowment

Latin American & Caribbean: Participation in world reserves & production - selected minerals and hydrocarbons
(In percentages)



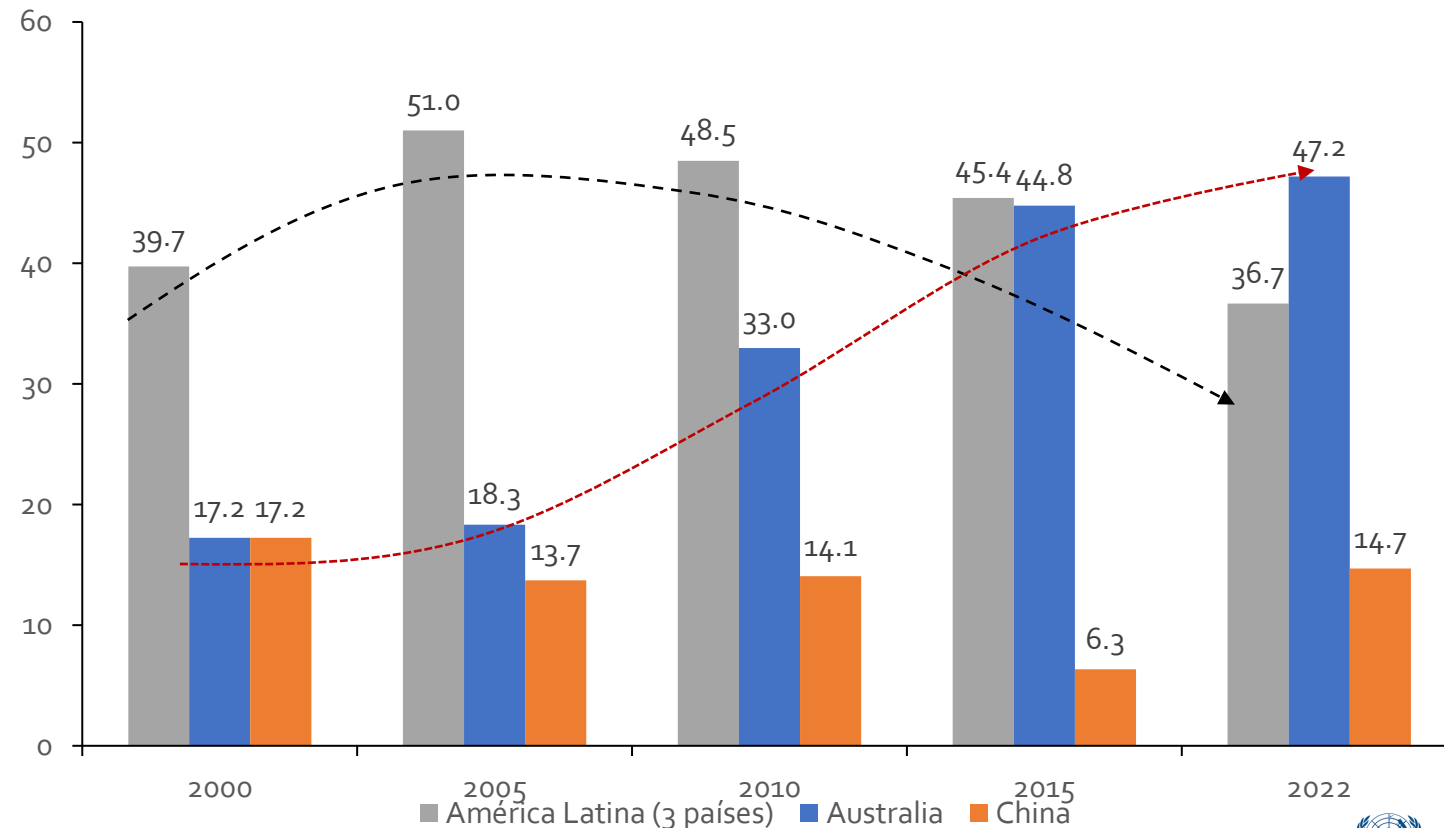
Source: Economic Commission for Latin America and the Caribbean (ECLAC), based on the statistical data of the U.S. Geological Survey, Mineral Commodity Summaries (2023) and BP Statistical Review of World Energy.

Lithium case highlighted



Source: SQM, Atacama Salt Flats, Lithium evaporation pools

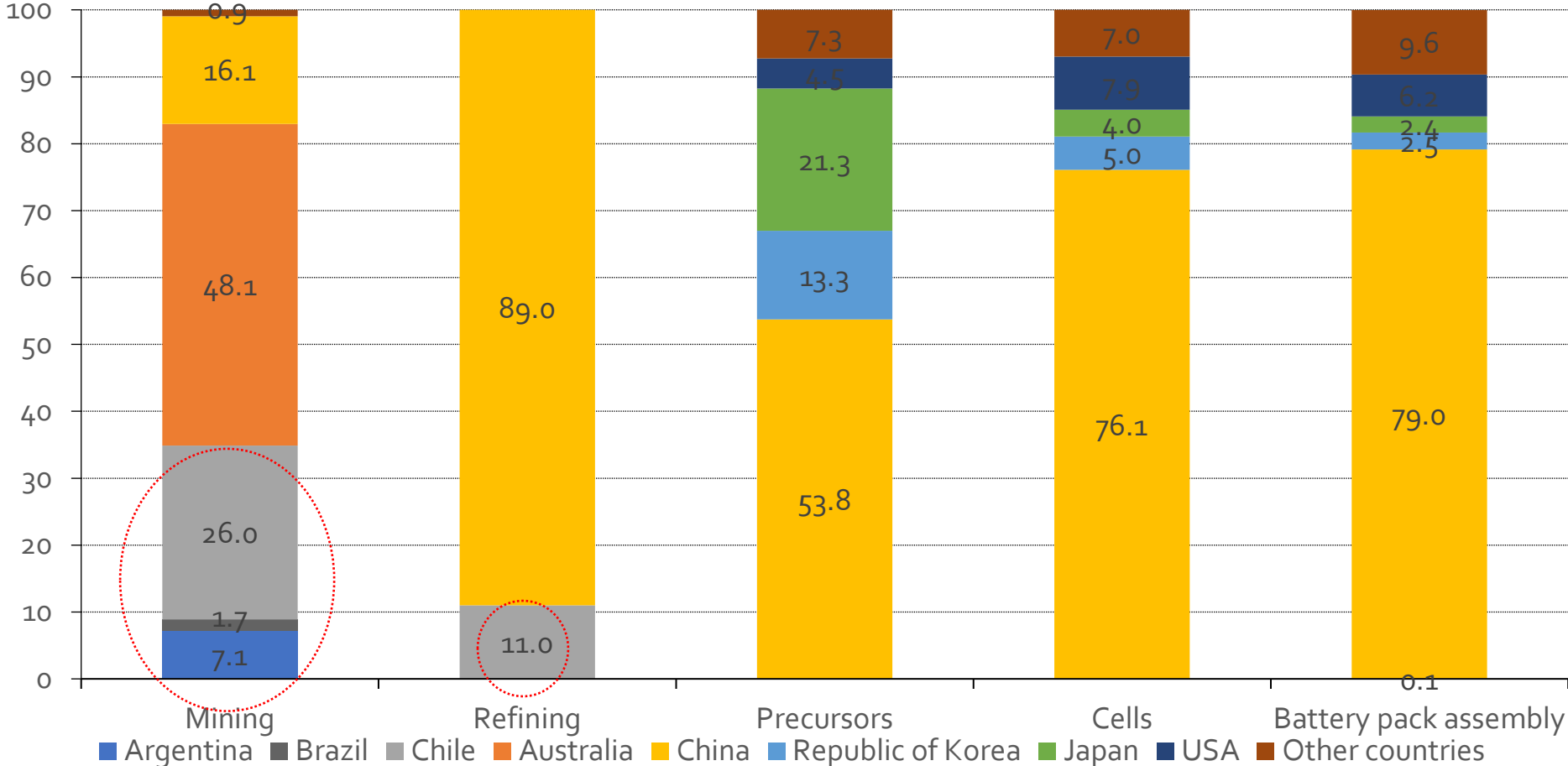
Latin America, China and Australia: share of global lithium production (In percentages)



Source: Economic Commission for Latin America and the Caribbean (ECLAC), based on the statistical data of the U.S. Geological Survey, Mineral Commodity Summaries (2023).

Upstream & downstream participation

World: participation of countries in LiB value chain, 2020
(In percentages of production segment)



Source: Economic Commission for Latin America and the Caribbean (ECLAC), based on the statistical data of USGS (2020); Stringer and Millan (2020); FCAB (2021); Poveda (2021); Jones et al. (2021a) and Visual Capitalist (2020).

ECLAC activities on mineral resources

- Technical assistance, research, studies & publications



- Permanent Forum for Technical Dialogue on Innovation, Technological Development and Value Addition to Lithium

- "Regional Cooperation for a more Sustainable Management of Mineral Resources in the Andean Countries" project (MinSus)



Topics – Technical Assistance & Policy Advice

- **End-to-end value chains:** value addition strategies, industrialization of critical minerals, supporting energy transition in developing and resource rich countries.
- **Investments & technologies,** best practices, sustainable transformation of the mining sector; multipurpose infrastructure.
- **Fiscal regimes,** transparency & tax evasion/avoidance (transfer pricing), economic rent capture & use.
- **Regulations & ESG standards,** socioenvironmental conflicts, water stress; community engagement, participation mechanisms.
- **Just transitions,** mine closure, local development, diversifying capacities



Thank you!

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