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Pedal to the metal: Policy of critical minerals in lithium-ion batteries (LIBs)

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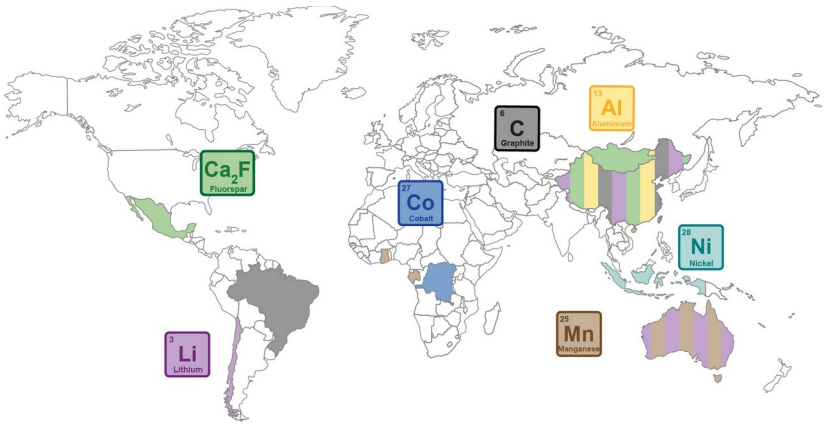
LIB critical minerals are concentrated in 10 countries

92B Projected LIB market value in 2026

0 LIB critical minerals majority-produced in the US and EU

70 LIB critical mineral refining controlled by China



Distribution of critical mineral production

Producers seek to maximize the value of their supply and encourage development; importers seek to secure supply. Actions depend on what minerals countries have and need.

Export limits shrink supply, raising prices and promoting domestic consumption

Tariffs discourage imports of a mineral whose production could increase at home

Multilateral trade reduces reliance on any single supplier

Restricting supply selectively applies pressure for concessions in other arenas

Ongoing

The **US** and **EU** are encouraging multilateral trade

Brazil and **Mexico** seek to capitalize on large reserves

DRC, Indonesia, and **Gabon** are implementing export quotas

South Africa is implementing a regional refining strategy

China is limiting aluminum supply and controlling its recycling

> *It is impossible to escape the geopolitics of mineral supply and the increasingly demanded ESG standards for mineral production.*

READ THE FULL ARTICLE: HTTPS://DOI.ORG/10.38105/SPR.N2RSI1XNT3