



Rare Earths



Net-zero use includes:
wind turbines

Projected increase in global demand:
x5.5 by 2050

Foreseen EU trade action:

- Strategic raw materials partnerships with countries with important reserves
- Pursue predictable legal frameworks for trade and investment in rare earths with Australia
- Support investment in rare earth mining/processing in Ukraine



Nickel



Net-zero use includes:
batteries

Projected increase in global demand:
x15 by 2040

Foreseen EU trade action:

- Boost trade and investment through trade agreements with Australia and Indonesia
- Support creation of sustainable processing capacities in Indonesia
- Support regional environmental infrastructure

EU TRADE ACTIONS FOR CRITICAL RAW MATERIALS SUPPLY*



Lithium



Net-zero use includes:
electrical vehicles

Projected increase in global demand:
x57 in 2050

Foreseen EU trade action:

- Special focus on raw materials in trade agreements in Latin America
- Strategic raw materials partnerships with countries with important reserves



Platinum Group Metals



Net-zero use includes:
hydrogen fuel cells

Projected increase in global demand:
x970 in 2050

Foreseen EU trade action:

- Work with South Africa for more predictable legal environment for trade and investment
- Strategic raw materials partnership with countries with important reserves
- Support investments in South African energy infrastructure

*Source: JRC Science for Policy Report Supply chain analysis and material demand forecast in strategic technologies and sectors in the EU – A foresight study