

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