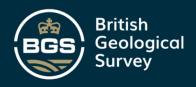


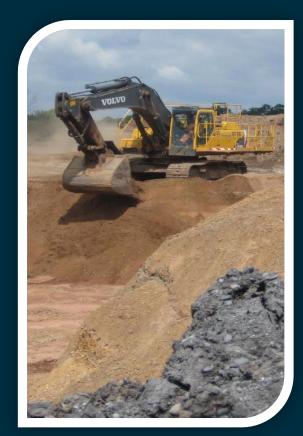
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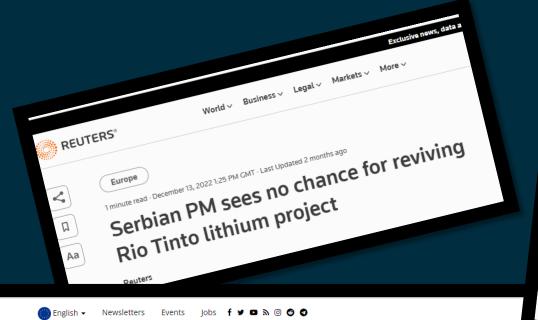
# **UNFC - A Blueprint for Managing Critical Raw Materials Sustainably**



### What's the problem?

- The need to ensure resource extraction / consumption aligns with SDGs
- The need for decarbonisation / net zero agenda
- Progression to a circular economy
- The need to reduce impacts of extraction on ecosystems, and the wider natural environment
- Diversity of supply for critical raw materials
- Maximise the value of natural resources





Serbia revokes Rio Tinto lithium mine permits following protests Rio Tinto mine protests Serbia has withdrawn the exploration licences of Apole

"All permits were



Agrifood

**Energy & Environment** 

Global Europe

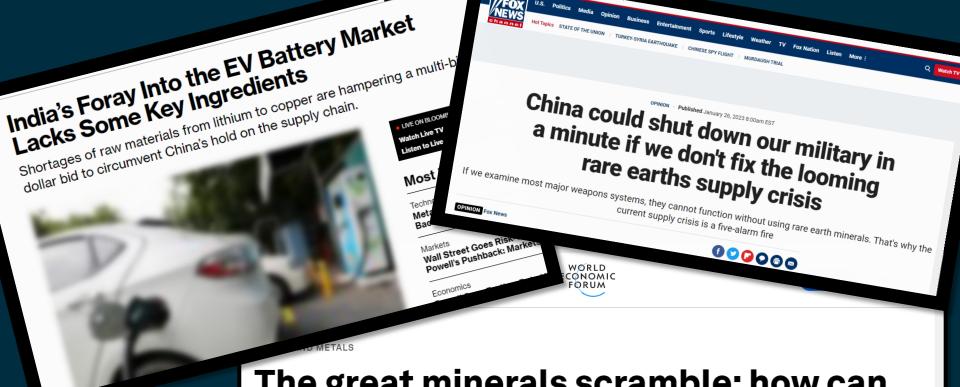
Technology

EU politics 2023 lookahead: A relative calm before the election storm powered by EURACTIV Czechia

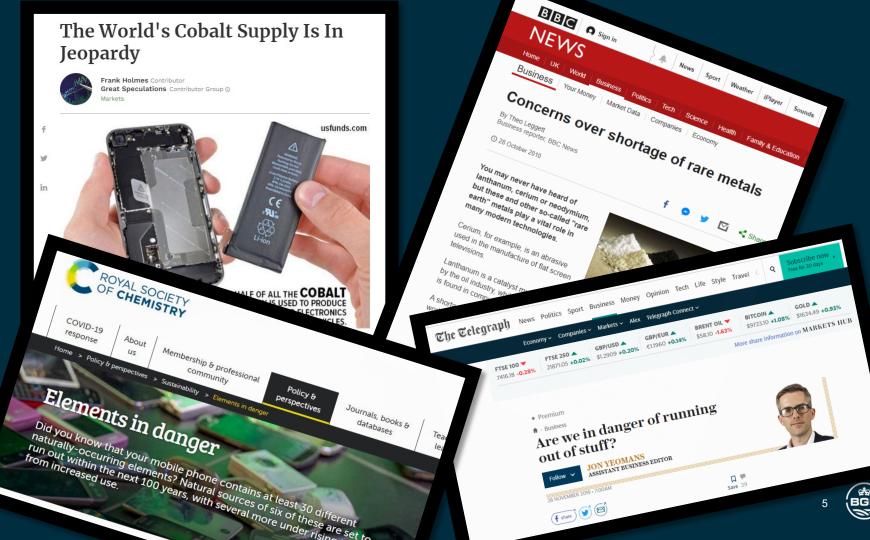
Home / News / Energy & Environment / Local resistance, a major stumbling block for EU's critical raw materials plan

Local resistance, a major stumbling block for EU's critical raw materials plan



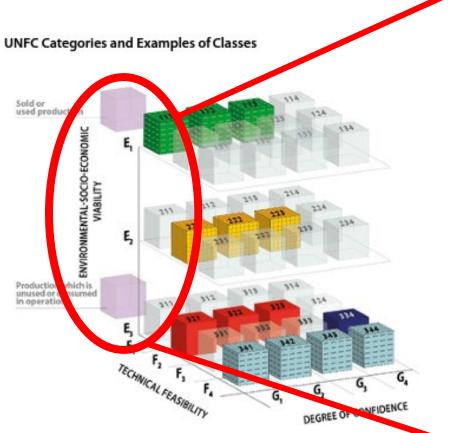


The great minerals scramble: how can we provide the materials needed for the energy transition?





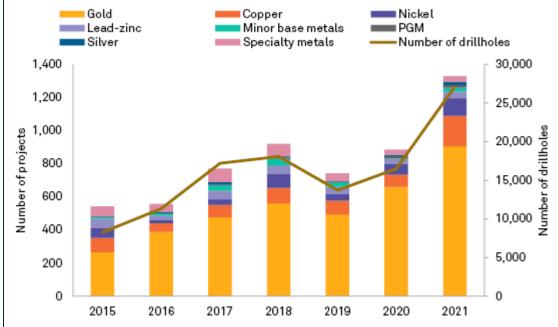
#### ESG considerations and the role of UNFC

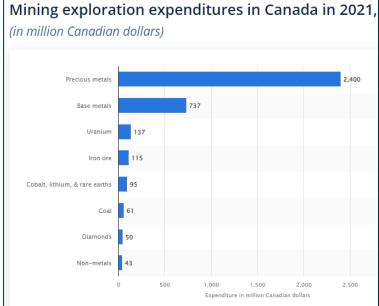


Category	Definition
E1	Development and operation are confirmed to be environmentally-socially- economically viable.
E2	Development and operation are expected to become environmentally-socially- economically viable in the foreseeable future.
E3	Development and operation are not expected to become environmentally-socially-economically viable in the foreseeable future or evaluation is at too early a stage to determine environmental-socio-economic viability.



#### Australia drillholes highest on record; gold projects heavily favored





Data as of Jan. 17, 2022.

Source: S&P Global Market Intelligence

#### UNRMS – an introduction

#### **United Nations Resource Management System: Principles**



State rights and responsibility in the management of resources



Responsibility to the Planet



Integrated and indivisible management of resources



Social contract on natural resources



Service orientation



Comprehensive resource recovery



Value addition



Circularity



Transparency



Innovation



Health and Safety

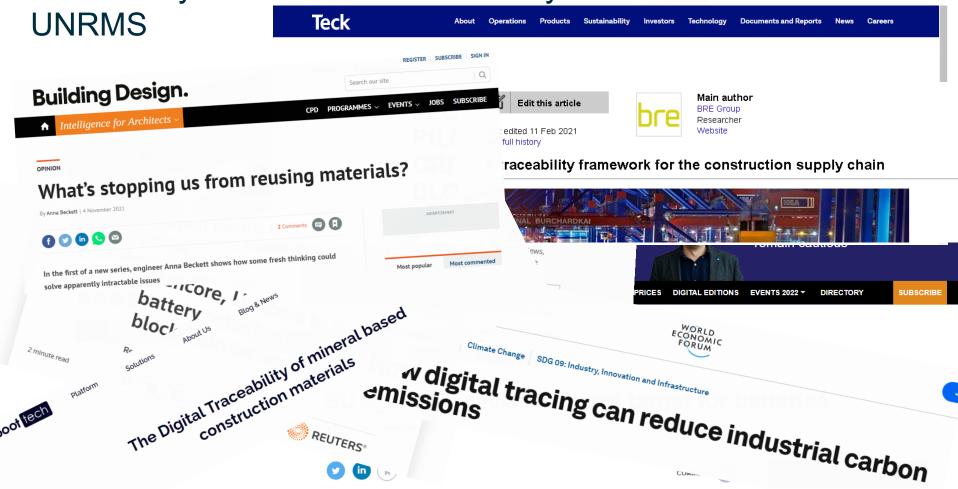


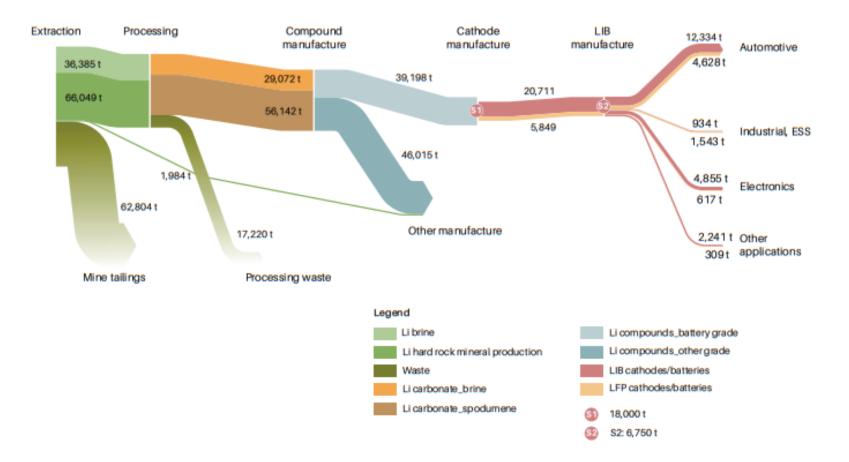
Continous strengthening of core competencies and capabilities



"The government is committed to working with industry and with international partners to safeguard these supply chains and our future economic resilience. We are actively supporting the adoption of transparent, ethical and responsible mining practices, reflecting environmental, social and governance" UK Government, Net Zero Strategy, 2021

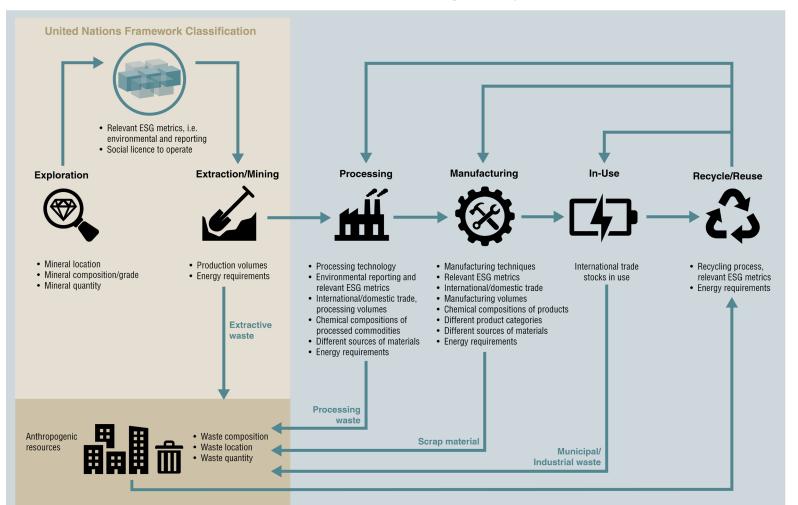
# Traceability and the circular economy - role of UNFC and







#### **United Nations Resource Management System**





#### SUMMARY

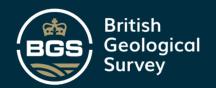
There is an increased need for holistic resource management and resource data

new ways of thinking, frameworks and classifications are needed

The UNFC and UNRMS are appropriate tools for this







## THANK YOU

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