

## Critical Raw Materials Management: UNFC and UNRMS as the Sustainable Transition Pathway

[International Round Table on Materials Criticality Conference \(IRTC\)](#)

15 February 2022

Lille, France

Critical raw materials (CRMs) play a crucial role in the transition to a low-carbon, sustainable economy, but their extraction can cause environmental and social impacts, exacerbating food and water crises and leading to geopolitical conflicts. A holistic and integrated approach is needed for sustainable resource management. The United Nations Framework Classification for Resources (UNFC) and the United Nations Resource Management System (UNRMS) can help companies identify, classify, and manage resources and assess their environmental and social impacts, promoting sustainable resource management and supporting the transition to a low-carbon, sustainable economy. The workshop will focus on how UNFC and UNRMS can support the transition, particularly about CRMs.

### Programme

February 15 - 10:30 to 12:00

#### **Part 1: Navigating the Challenges of Critical Raw Materials: An Overview of UNFC and UNRMS**

Moderator: **Charlotte Griffiths, UNECE**

- **Simon Michaux**, Geological Survey of Finland - Critical Raw Materials and Climate Change: A Global Perspective
- **Tom Bide**, British Geological Survey – UNFC - A Blueprint for Managing Critical Raw Materials Sustainably
- **Patrick Wäger**, Empa: Swiss Federal Laboratories for Materials Science and Technology – Anthropogenic resources: Applying UNFC in the FutuRaM project: the case of vehicle embedded electronics.
- **Hari Tulsidas**, UNECE - Corporation vs Competition in the management of Critical Raw Materials: Addressing the ESG challenges through a UNRMS-based global CRM dashboard.

#### **Part 2: UNFC and UNRMS in Action: Best Practices and Case Studies**

Moderator: **Hari Tulsidas, UNECE**

- **Paul Ekins**, UCL Institute for Sustainable Resources, International Resource Panel's Minerals Governance report
- **Frances Wall, Eva Marquis**, Exeter University: Critical Resource Management using UNRMS in UK: Best Practices and Lessons Learned
- **Luminita Grancea**, TradeTech – Net zero and energy security - uranium also matters
- **Akansha Tyagi**, Council on Energy, Environment and Water (CEEW), India - Critical Raw Materials Management: Challenges and Opportunities in India
- **Roland Gauss**, EIT Raw materials – Sourcing of CRMs: European Perspective

This event was part of the [International Round Table on Materials Criticality Conference](#), co-funded by the European Union.