UNRMS Framework
Principles and Structure

Frances Wall  f.wall@exeter.ac.uk
Eva Marquis  e.marquis@exeter.ac.uk
AMBITION

UNRMS is designed to be a global voluntary system for a range of organizations involved in resource management. It is built upon innovative and integrated resource management frameworks that encompass a range of natural resources. With a comprehensive information framework and methodology that supports sustainable resource management at a variety of scales. Enabling a range of stakeholders to evaluate and assess projects against environmental-social-economic objectives, and facilitating long-term considerations of project development. Supporting sustainability and financial reporting, and project alignment with applicable regulations. While designing conditions for industry to harness integrative dynamic capabilities.

‘Swiss Army knife’
UNFC and UNRMS | ENABLING SUSTAINABILITY PRINCIPLES IN RESOURCE MANAGEMENT

Logos by Stefan Horn, Tom Bide, British Geological Survey

UNRMS from Framework to Toolkit

‘A la carte’ menu – can be mixed and changed

UNFC

A tool for quantifying the volumes produced, recoverable and unrecoverable from all possible projects in a source (note that in application to renewable energy UNFC quantifies the volumes associated with a single project)
A point in time view under defined commercial conditions, opportunities and constraints

UNRMS

Integral piece in the sustainable development programme
An aid to decision-makers measuring the actual progress of a project through the development stages and programme managers on how it contributes to sustainable development
Project management considering all metrics to the decision-makers including volume/quantities from UNFC, rate profile, economic indicators, environmental performance, social outcomes
The toolkit for implementation, analysis and governance at the project level


- 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
- Continuous strengthening of core competencies and capabilities
From Framework to Toolkit

UNRMS in 3 Parts

- Priority Determination
- Fundamental Principles
  - Environment
  - Social
  - Governance
  - Circular Economy
- Facilitating Principles

UNRMS
United Nations Resource Management System for Future-Facing Sustainable Development

Priority Determination

Fundamental Principles

Facilitating Principles
Frances’ High level mapping from the 12 principles ‘back’ to the SDGs
UNRMS - company or collective application?

- Application at
  - Mine site scale
  - Company scale
  - Commodity scale
  - National scale
  - Regional (sub-national) scale

Cornwall case study – at subnational scale

Examples of responsible mining and exploration schemes
Comparison UNRMS with other schemes

OECD Mining Regions project

Finland scheme

Towards Sustainable Mining in Finland

The mining industry’s sustainability is monitored and developed through the international Towards Sustainable Mining standard. The purpose of implementing the standard is to encourage the industry to adopt and develop more responsible practices. The Responsible Mining tools, such as social responsibility reporting and the mining responsibility systems, have been developed in collaboration with the Sustainable Mining Network.
Thank you!

Frances Wall
Professor of Applied Mineralogy, Camborne School of Mines, University of Exeter, f.wall@exeter.ac.uk

UNECE
Date 23 I 04 I 2024, Geneva

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