



7th Event on the United Nations Framework Classification for Resources
and the United Nations Resource Management System:

“UNFC: The classification tool to support the EU Critical Raw Materials Act”

*Co-organized by UNECE, DG GROW, EuroGeoSurveys, HE projects “Geological
Service for Europe” and “FutuRam”*

Critical Raw Materials Act and UN Framework Classification for Resources



Raw Materials Week
9-13 December 2024



Slavko Šolar

Raw Materials Advisor

Geological Survey Slovenia

Hotel Plaza, Brussels – 10 December 2024

UNFC in European Union

Dissemination and Implementation

UNECE projects to support development and implementation of UNFC and UNRMS in the EU and Beyond (**Phase I: 2020-2024 & Phase II: 2024-2027**)

Horizon Europe Projects (**GSEU, FutuRaM, AGEMERA, VECTOR, CIRAN, SEMACRET...**)

Coordination Team & Network of Practitioners

UNECE Resource Management Week

EU Raw Materials Week

UNECE ERGM and other documents

Country	Reporting Code	UNFC Readiness
Austria	National (ONORM G 1050)	National code originally based on UNFC standards. UNFC Case Study on sand and gravel
Belgium	None	
Bulgaria	National Code (GKZ-based)	Aligned with UNFC
Croatia	National Code (GKZ based)	
Cyprus	National Code	
Czech Republic	National Code (Similar to GKZ)	UNFC National Guidance in place
Denmark	None (CRIRSCO codes)	Bridging to UNFC possible
Estonia	National System	
Finland	International Standard Code (CRIRSCO)	National Mineral Inventory in UNFC, could be considered as a National Guidance. UNFC Case studies
France	None	UNFC National Guidance in place (decision trees approach)
Germany	National (Regional codes)	UNFC Case studies
Greece	None	
Hungary	National Code (GKZ based)	Bridged to UNFC
Ireland	CRIRSCO	Bridging to UNFC possible
Italy	None	
Latvia	None	
Lithuania	National Code	Aligned with UNFC
Luxembourg	None	
Malta	None	
The Netherlands	None	
Poland	National Code	Bridged to UNFC. UNFC National Guidance in place. National Minerals Inventory in UNFC
Portugal	None	Industry reports in UNFC
Romania	National UNFC based code	Aligned with UNFC
Slovakia	National Code (GKZ based)	
Slovenia	National (GKZ based)	Bridged to UNFC. National Minerals Inventory in UNFC
Spain	None	National CRM Inventory in UNFC in place
Sweden	International Standard (CRIRSCO)	Bridging to UNFC possible

UNFC in European Union

National Workshops / Trainings outside UNECE



Roma, 4-5 Giugno 2024

PERC PAN-EUROPEAN RESERVES + RESOURCES REPORTING COMMITTEE

CONSIGLIO NAZIONALE DEI GEOLOGI

European Federation of Geologists

Corso di Formazione Euroworkshop

«Mineral Reporting Standards» Introduzione ai Principi e alla loro Applicazione

UNFC – relevance and practical application in the recycling sector

DERA cordially invites you to the digital industry workshop "UNFC - relevance and practical application in the recycling sector". The UNFC (United Nations Framework Classification for Resources) is a framework for classifying raw material projects. In the recently published Critical Raw Materials Act, this is applied in four areas of action; among other things, an assessment with UNFC is a key criterion for recognition as a strategic project.

The workshop introduces the CRMA and UNFC, shows their practical application in the recycling sector and discusses the potential benefits.

Further information about the programme can be found [here](#).

Contact

German Raw Materials Agency (DERA) in the BGR



LEVEL 1 GENERAL PRINCIPLES

- everyone -

Ensuring necessary UNFC background

Providing overview on

- Dataset requirements
- Reporting standards
- Driver needs and expectations in line with CRMA

Practical exercise on simple cases

LEVEL 2 GOING DEEPER

- for users -

User need specifics

- Builds up on level1
- Data gaps
- Historical data
- Using and developing bridging documents
- Reporting in line with CRMA requirements
- Case specific hands-on exercises and
- Exercise on using the UNFC templates

LEVEL 3 QUALIFICATION

- for trainers -

Going into case details

- Clearing up open issues;
- Handling data and issues on data gaps coherently;
- UNFC data outputs in accordance with the CRMA;
- Develop responses for Q&A
- Hands-on exercise / presentations and discussions on trainees findings
- Final exam for certificates

RÉPUBLIQUE FRANÇAISE

minéralinfo

LE PORTAIL FRANÇAIS DES RESSOURCES MINÉRALES NON ÉNERGÉTIQUES

Accueil / Actualité / Un webinaire à venir sur le système de classification des ressources UNFC

ACTUALITÉ

Un webinaire à venir sur le système de classification des ressources UNFC

Critical Raw Materials Act

UNFC Provisions



1. STRATEGIC PROJECTS
2. EXPLORATION
3. MONITORING
4. EXTRACTIVE WASTE



Critical Raw Materials Act

UNFC Provisions

UNFC Provisions

UNFC Requirement

Strategic Projects

Article 7: Criteria for recognition of Strategic Projects

UNFC is embedded in the recognition of Strategic Projects – **Project Promoters** are required to classify their projects in **UNFC** for the **Strategic Project Application to the Commission**.

National Exploration Projects

Article 19: National exploration programmes

Member States will have to intensify their National Exploration Programs – **Exploration results are required to be reported in UNFC, if appropriate**

Risk Monitoring

Article 21: Information obligations for monitoring

New and existing projects are to be reported by the Member States to the Commission – **UNFC is obligatory for monitoring new projects**.

Extractive Wastes

Article 27: Recovery of critical raw materials from extractive waste

As part of National measures on circularity, CRM recovery from extractive wastes is encouraged – **UNFC is required when reporting on extractive waste facilities**.

Critical Raw Materials Act

Why UNFC?

UNFC supports CRMA and its objective because it allows to:

Classify the projects along value chain from exploration, mining, processing and recycling

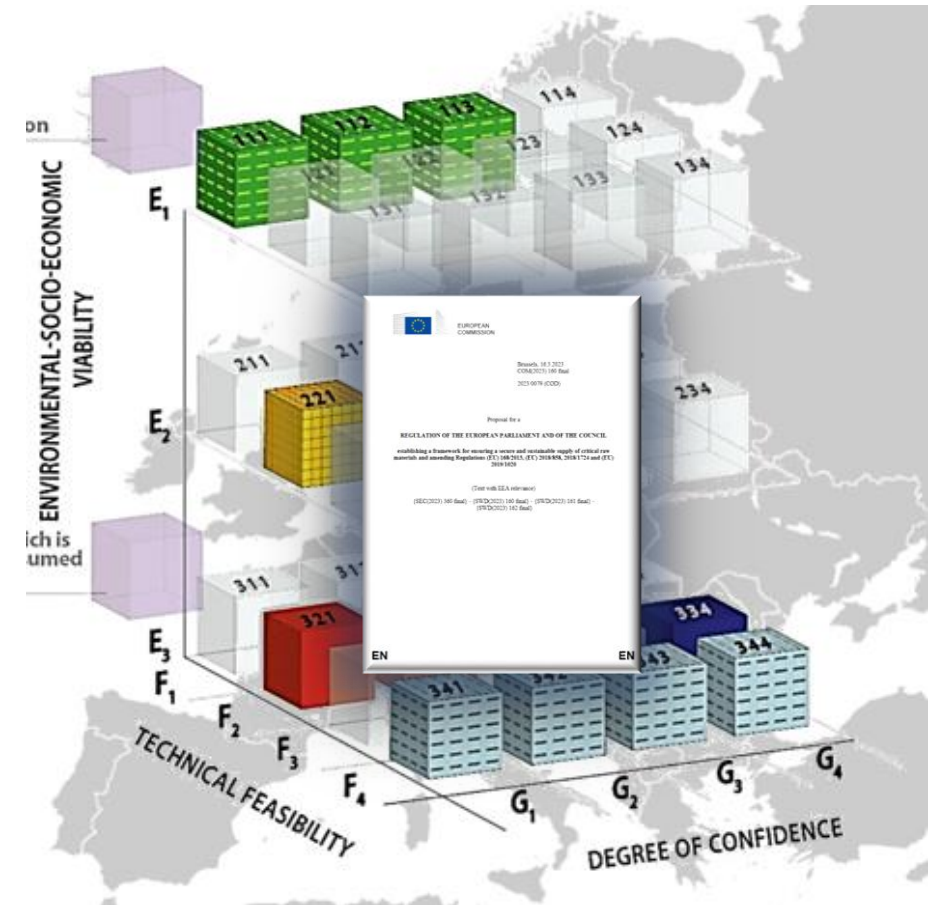
Assess well environmental and social performance of the projects

Monitor development of projects over time

Easily bridge information from National and International reporting systems

Simple to use

Compare different resource projects (minerals, secondary raw materials including EoL, hydrogen, renewable energy ...)



EU Strategic Projects

First Call for Applications

Commission Receives High Number Of Applications Responding To Call For Strategic Projects Under The Critical Raw Materials Act (CRMA)

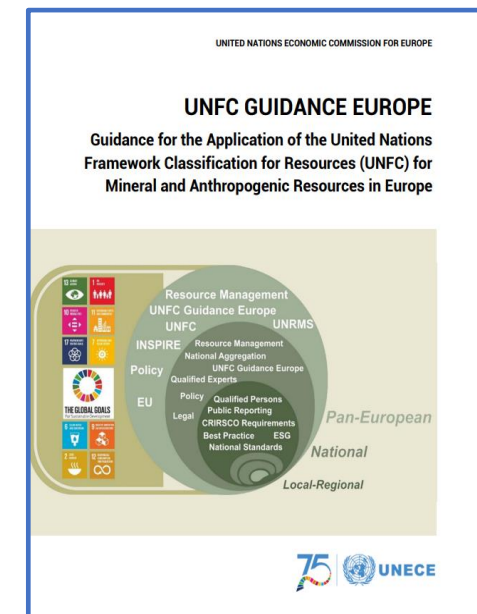
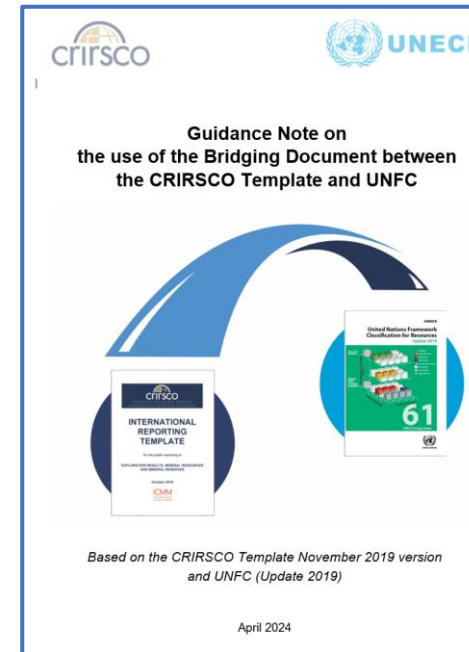
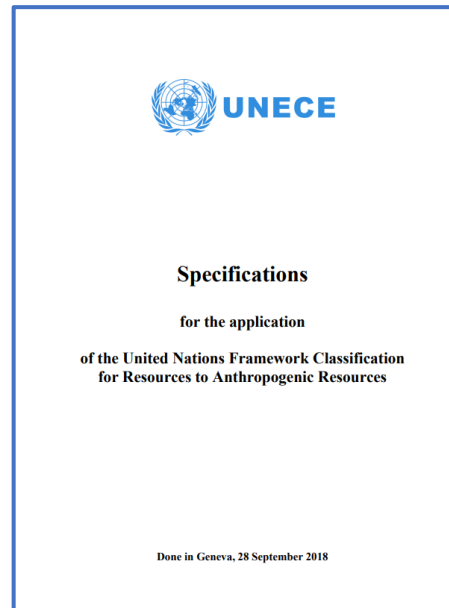
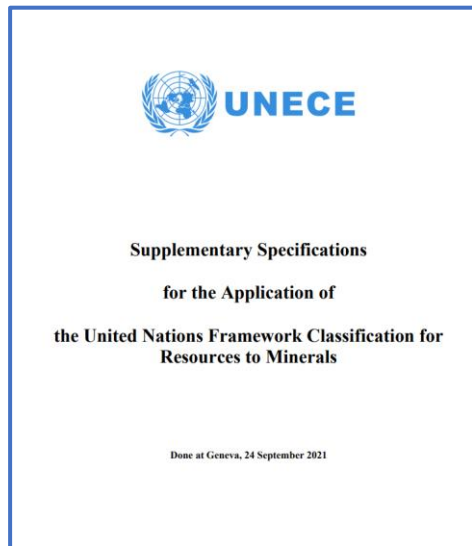
The European Commission received 170 applications by the 22 August deadline for Strategic Projects under the Critical Raw Materials Act (CRMA).

**170 New Projects
will be classified in
UNFC**

https://single-market-economy.ec.europa.eu/news/commission-receives-high-number-applications-responding-call-strategic-projects-under-critical-raw-2024-08-23_en

UNFC & Strategic Projects / preparation

UNECE EGRM documents



UNFC / preparation

UNECE EGRM events

**Workshop on
Implementing the United Nations Framework Classification
for Resources (UNFC) in Southeast Europe**

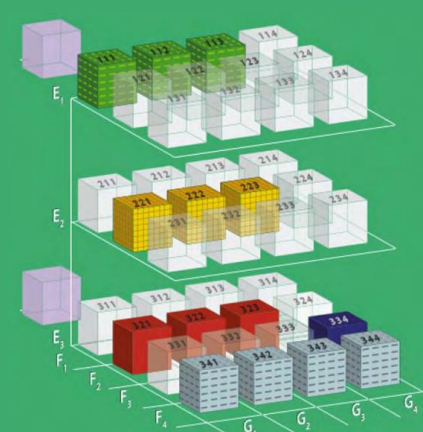
4 – 5 July 2024

Geological Survey of Serbia, Rovinjska 12, 11050,
Belgrade, Republic of Serbia

**A Beginner's Guide to
the United Nations
Framework
Classification for
Resources (UNFC)**

A UNFC 101 Manual

Resource Management Young Member Group (RMYMG)



UNECE RESOURCE MANAGEMENT WEEK 2024
ASSURING SUSTAINABILITY IN RESOURCE MANAGEMENT
22 - 26 APRIL 2024 | PALAIS DES NATIONS | GENEVA

**UNECE Resource Management Week 2024
including
Expert Group on Resource Management 15th Session
(EGRM-15)
UNFC Seminar**

The United Nations Framework Classification for
Resources and the EU Critical Raw Materials Act
360: Navigating Excellence, Collaboration, and
Innovation



CRM Act Implementation

INFO DAY - Strategic Projects for Project Promoters

30 April 2024

DG GROW I1

UNFC & Strategic Projects / preparation

UNECE EGRM Trainings

The trainings held on **6 June and 2 July 2024**

Aim: To equip Project Promoters with the application of UNFC to Strategic Projects, as the classification of these projects in UNFC is a crucial part of the recognition process under CRMA

UNFC to extraction, processing, recycling, and substitution projects (1ry and 2dry RMs)

Over 125 total participants, with 92 different projects across the whole value chain

Follow-up training material: *Guidance on applying UNFC to Strategic Projects for Project Promoters*

UNECE EGRM Secretariat Helpdesk for Strategic Projects

Registrations
and Attendance

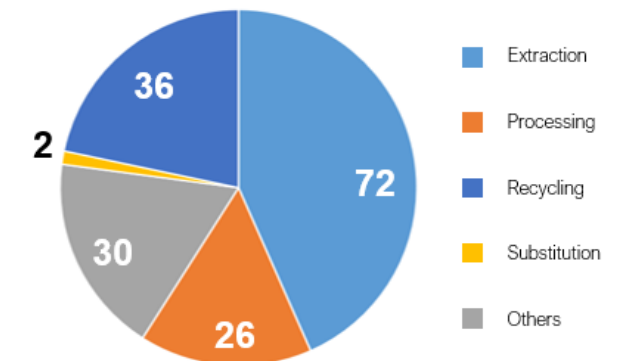
166 Registered **127** Attendees

76.5% Attendance Rate

Majority of attendees demonstrated significant engagement in the training

Type
of Project

The training amassed 92 different companies, with projects on extraction, processing, recycling, and substitution



UNFC & Strategic Projects / preparation

Guidance for Project Promoters



- Part of Training Materials
- Particularities
 - Extraction, processing, recycling, substitution

- UNFC is not a determining factor
- UNFC supported by evidence

- (colored) Application Form included

Detailed Guidance on
Classifying Strategic Projects according to
the United Nations Framework Classification
for Resources
(UNFC)

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June 2024

UNFC & Strategic Projects / preparation

Guidance for Project Verifiers



- The Role of UNFC for Strategic Projects in accordance with the Critical Raw Materials Act
- Purpose of UNFC Classification in Strategic Projects
- Eligibility Approach
- Overview of the Evaluation Grid
- Structure of the Grid and Evaluation Process
- Additional Explanations
- Balanced Judgment vs. Lowest Rank Prevails
- Recommendations on Application
- Handling Discrepancies
- Expert Consultation
- Reaching Consensus
- Documentation and Reporting
- Confidentiality and Data Protection
- Evaluation Grid Tables for E axis, for F axis,
- Evaluation Grid Table for G axis – Extraction, Processing and Recycling, Substitution

Guidance Document for Evaluating the Classification of Strategic Projects in UNFC

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Strategic Projects

Support for UNFC Verifiers

Aim:

- To support UNFC expert evaluators in the verification, and the classification of Strategic Projects in UNFC, while ensuring a consistent, transparent, and objective evaluation process
- Proposes a methodology based on “Controlling Factors” and “Key Terms” defined by the Strategic Project Application Form

Individual UNFC Evaluation Form

UNFC Expert Briefing for Strategic projects (10 October 2024)

Supported by “*Additional Instructions for Verifying UNFC in Strategic Project Applications*”

Annex 1

Strategic projects applications assessment under the CRMA Call
Individual UNFC Evaluation Form

Evaluator Name	
Application ID	
Project Promoter	
Project Name	
Project Location	
Project Type	
Strategic Raw Material/s	
E axis Classification - Environmental-Socio- Economic Viability	Category and Sub-category:
	Key Terms: Justification:
F axis Classification - Technical Feasibility	Category and Sub-category:
	Key Terms: Justification:
G axis Classification – Degree of Confidence	Category:
	Key Terms: Justification:
UNFC Classification of the Project by Evaluator	UNFC Code:
	UNFC Class and Sub-class:
	Key Terms: Justification:
Does the Evaluator's UNFC Classification differ from the Project Promoter's UNFC Classification?	<input type="checkbox"/> YES <input type="checkbox"/> NO Justification:

CRMA UNFC Support

Next Steps

Main Focus:

- Support UNFC implementation according to the CRM-Act across EU Member States
- UNFC Dissemination in Europe and beyond

How?

- Continued consultancy and advocacy for DG GROW
- Coordination of UNFC-related activities
- Capacity Building, including UNFC focused Workshops and Trainings
- Engagement with Member States and promotional activities
- EU ICE-SRM support
- EU CRM Act and other Templates



Thank you!



Slavko Solar

Raw Materials Advisor

Geological Survey Slovenia

Hotel Plaza, Brussels – 10 December 2024

Invitation to attend:



**IRTC25: From Raw Material
Policies to Practice**

February 19-21, 2025, Ljubljana, Slovenia

<https://irtc.info/irtc-2025/>