

UNFC GUIDANCE EUROPE

Guidance for the Application of the United Nations Framework Classification for Resources (UNFC) for Mineral and Anthropogenic Resources in Europe

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RESOURCE MANAGEMENT WEEK 2022

ENABLING SUSTAINABILITY PRINCIPLES IN RESOURCE



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Why and for whom is the UNFC Guidance Europe?

Mapping and monitoring of RM projects reflecting specificities across the EU – variety of legally binding and commercial codes, EU/MS requirements (INSPIRE, permitting)...

- For qualified experts and resource estimate preparers in Europe to classify primary and secondary raw material projects
- For users:



Public-sector decision-making ranging from onsite, municipality, regional, country and European level on aspects of the resource life cycle



Economic management for planning, organization, and leading activities of management of all **corporate** levels



Finance **investment** decision making considering economic, environmental, and social aspects of raw material Projects



In **expertise, knowledge, and education**



Process and result

➤ Starting with Rodrigo Chanes, DG GROW in 2018 ...

➤ **Public Consultation (April –June 2022)**

➤ **Review team**

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➤ **UNFC GUIDANCE EUROPE**

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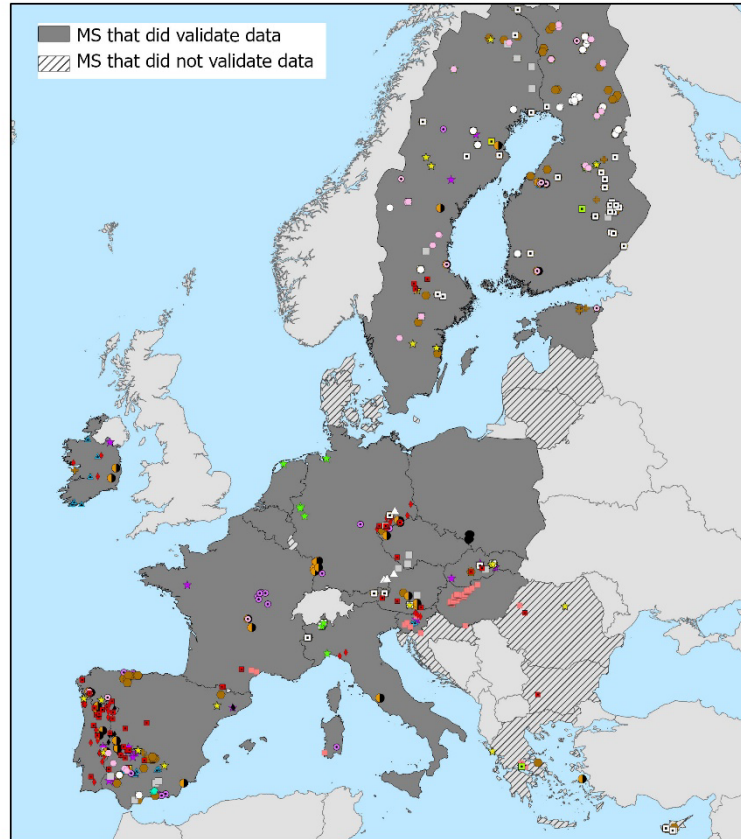
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UNFC Classes defined by Categories and Sub-categories						INSPIRE Code list	TRL (Relevant to F axis)	
Produced	Sold or used production							
	Production which is unused or consumed in operations <i>Future production that is either unused or consumed in the project operations is categorized as E3.1. These can exist for all classes of recoverable quantities^d</i>							
Total Products	Class	Sub-class	Categories					
			E	F	G ^a			
Known Sources	Viable Projects <i>Estimates associated with Viable Projects are defined in many classification systems as Reserves, but there are some material differences between the specific definitions that are applied within different industries and hence the term is not used here.^d</i>	On Production	1	1.1	1, 2, (3) ^b	Operating Continuously Operating intermittently	9	
		Approved for Development	1	1.2	1, 2, 3	Under development	8	
		Justified for Development	1	1.3	1, 2, 3	Pending approval	5,6,7	
	Potentially Viable Projects <i>Not all Potentially Viable Projects will be developed.^d</i>	Development Pending	2 ^c	2.1	1, 2, 3	Evaluation of Resources (Detailed Feasibility Study, Prefeasibility)	3,4	
		Development OnHold	2	2.2	1, 2, 3	Care and maintenance Retention		
	Non-Viable Projects <i>Non-Viable Projects include those that are at an early stage of evaluation in addition to those that are considered unlikely to become viable developments within the foreseeable future.^d</i>	Development Unclassified	3.2	2.2	1, 2, 3	Assessment of Resources (Advanced exploration, Resources' definition, Prefeasibility, Scoping study (resources))	3,4	
		Development NotViable	3.3	2.3	1, 2, 3	Closed Abandoned Historic		
		Remaining products not developed from identified projects <i>Remaining products not developed from identified projects or prospective projects may become developable in the future as technological or environmental-socio-economic conditions change. Some or all of these estimates may never be developed due to physical and/or environmental-socio-economic constraints.^d</i>						1,2
	Potential Sources	Prospective Projects		3,2	3,1	4	Subsurface exploration (Exploration Target Outline)	3,4
				3,2	3,2	4	Detailed surface exploration (Exploration)	3,4
			3,2	3,3	4	Regional reconnaissance (Grassroots)	3,4	
Remaining products not developed from prospective projects			3,3	4,1	4		2	
			3,3	4,2	4		1	
		3,3	4,3	4				

Mapping and monitoring CRMs projects in Europe

EU database of CRM projects (2022)



Data gathered by the Commission with Member States

- **EU-MS exchange of information (CRM Action Plan 2020)**
 - 958 projects from 22 countries, 26 critical raw materials and 7 other (strategic) raw materials
 - 514 projects classified using UNFC from which 138 are classified as viable or potentially viable
- **Geological Service for EU and Futuram projects:**
 - Use Guidance for an updated inventory of primary and secondary CRM resources
 - The establishment of an EU International Centre of Excellence on Sustainable Resource Management (ICE-SRM)
- Reflect potential requirements of the **EU Raw Materials act**

Thank you!

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