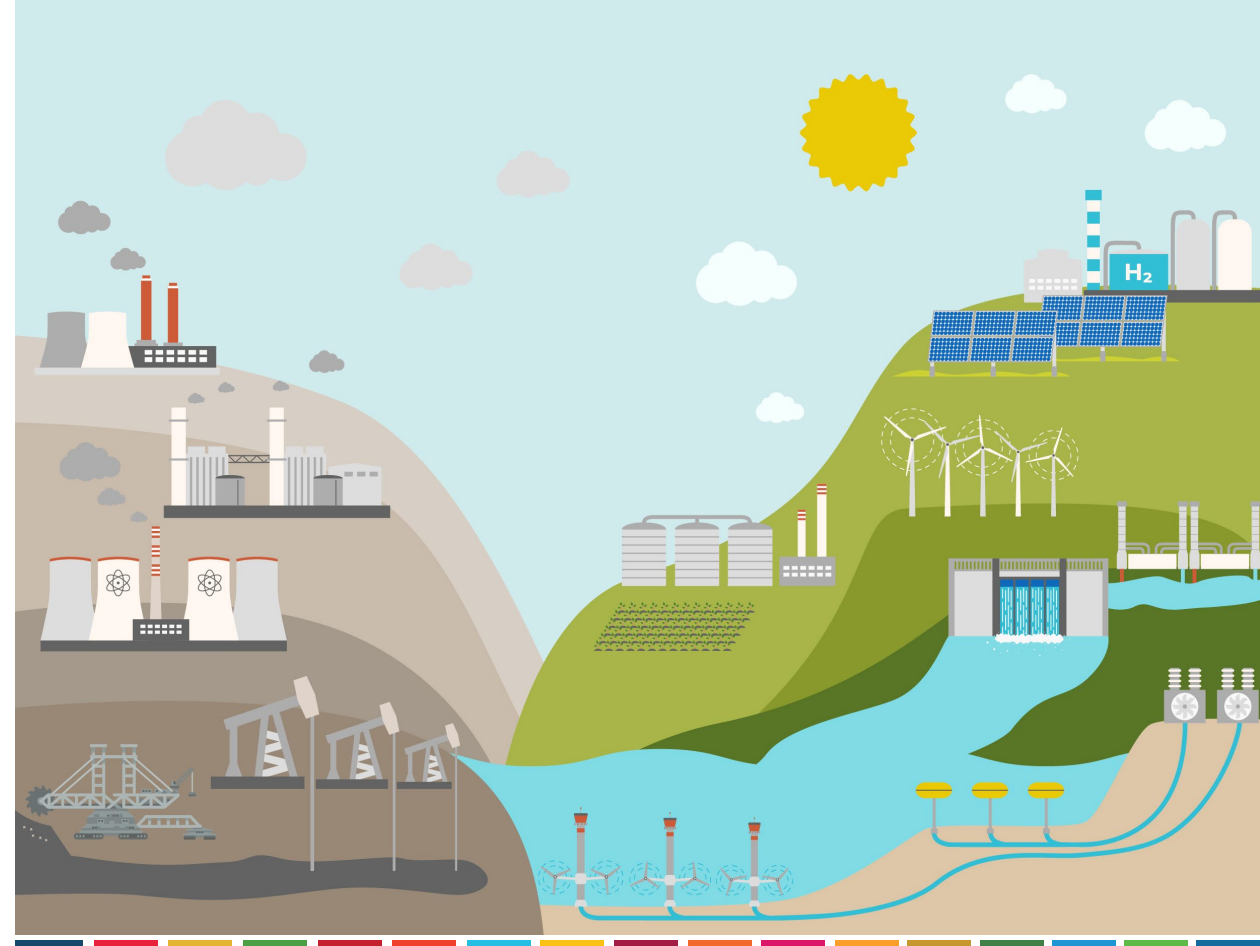


UNFC Seminar

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

**Coordinated Activities for UNFC
Implementation:
United Nations Economic
Commission for Europe (UNECE)**

Slavko Solar,
Economic Affairs Officer,
Sustainable Energy Division,
UNECE



**RESOURCE MANAGEMENT WEEK
2024**



UNECE

Introduction

Supporting UNECE Member States in the Development and Implementation of the United Nations Framework Classification for Resources (UNFC) and the United Nations Resource Management System (UNRMS)

- (2020-2024) I phase
- (2024-2027) II phase

The project aims to further develop, maintain, and disseminate UNFC; develop UNRMS based on UNFC; and build capacities in UNECE member States for sustainable resource management and delivery of the SDGs.

- Facilitating the implementation of UNFC in Europe
- Supporting EGRM and its secretariat

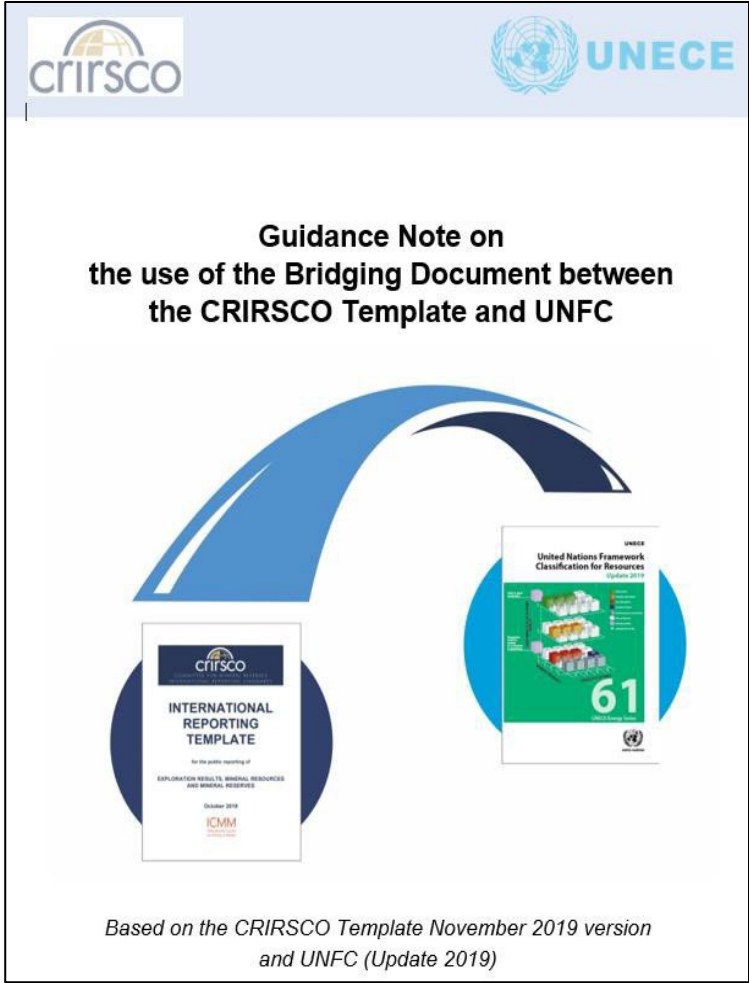
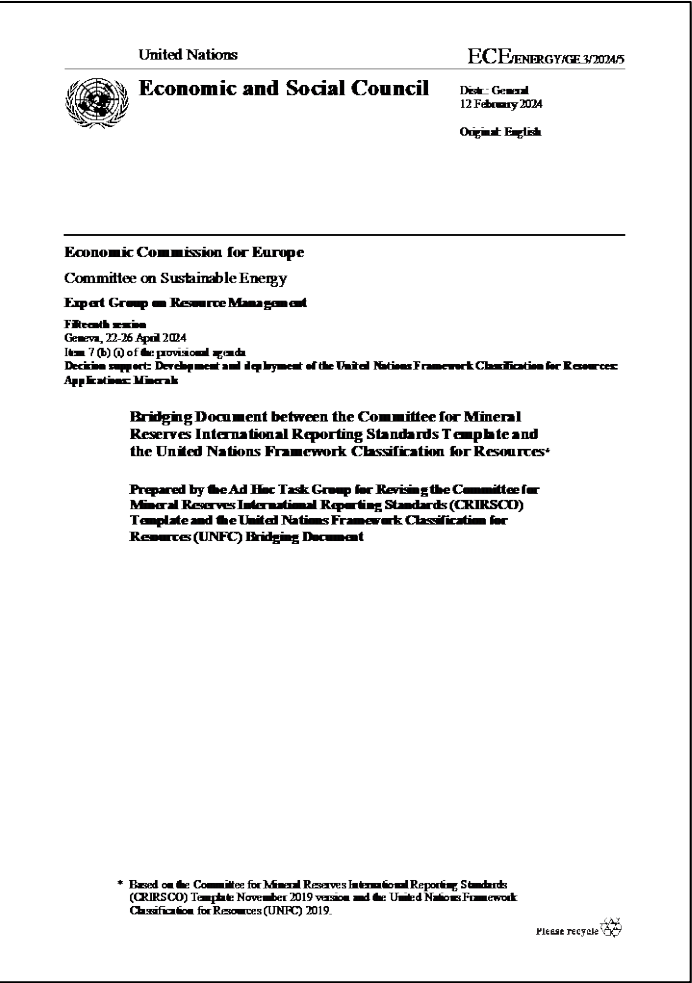
Main Project Activities

2020/2024

- Providing relevant **UNFC documents** (such as bridging documents, guidance, case studies)
- **Training and Workshops sessions** on UNFC (and UNRMS), mostly online on minerals, anthropogenic resources for different stakeholders (experts, administrations, youth, women ..) such as UN Framework Classification for Resources for secondary Raw Materials (2023)
- High-level events raising awareness of UNFC and UNRMS across Europe, such as EU **Raw Materials Weeks (Brussels)**, **Resource Management Weeks (Geneva)** and many others (EU-Africa events, COPs ...)
- **Creation of a coordination mechanism to support UNFC-related activities (now within the scope of the CRM Act)**, including the **Network of Practitioners Europe (NoPE)**, a **Coordination Team (DG GROW, UNECE, Experts from GSEU and FutuRam)** and a **Review Team** which all provide technical, and governance support to DG GROW.
- **Communication activities** producing training materials, publications, as well as press releases and social media posts to grow sustainable resource management across Europe.

Bridging Document

Alignment of Systems



These documents have been prepared by the Ad Hoc Task Group for Revising the CRIRSCO-UNFC Bridging Document (2023) which was established in April 2023 at the request of the UNECE’s Expert Group on Resource Management and the CRIRSCO Executive.

The Task Group was charged with updating the previous version of the CRIRSCO-UNFC Bridging Document, which was issued in 2015, in order to take account of subsequent changes including the publication in 2019 of updated versions of both systems.

Guidance

UNFC Guidance Europe

UNFC Guidance Europe is a document to assist regional and national authorities in establishing and maintaining a **project-based inventory of primary and secondary raw material projects in Europe using UNFC**

UNFC Guidance Europe is for:



Users include national governments, regional authorities, geological surveys, corporations and academics who are needing to make resource management decisions including ensuring that the best information is available for making those decisions



Qualified experts and resource estimate preparers in Europe to classify primary and secondary raw material projects



UNFC GUIDANCE EUROPE IS ONE OF THE FIRST STEPS ON THE PATH TO FULL IMPLEMENTATION OF UNFC IN EUROPE

Trainings and Workshops

2020/2024

Selected events:

15/3/2024 - [A Beginner's Guide to the United Nations Framework Classification for Resources \(UNFC\)](#) / online

12/12/2023 - [UNECE-EGS/GSEU joint Webinar on UNFC](#) / online

11–12/10/2023 - [Workshop - Knowledge Sharing on Resource Classification and Estimation](#) / Tbilisi Georgia

23/3/2023 - [Critical Raw Materials in Vulnerable Geographies: Impact on Women](#) / online

23/3/2023 - [Webinar: “UN Framework Classification for Resources \(UNFC\) for Secondary Raw Materials”](#) / online

05–06/4/2022 - [UNFC and its Application](#) (for EU Members States) / online

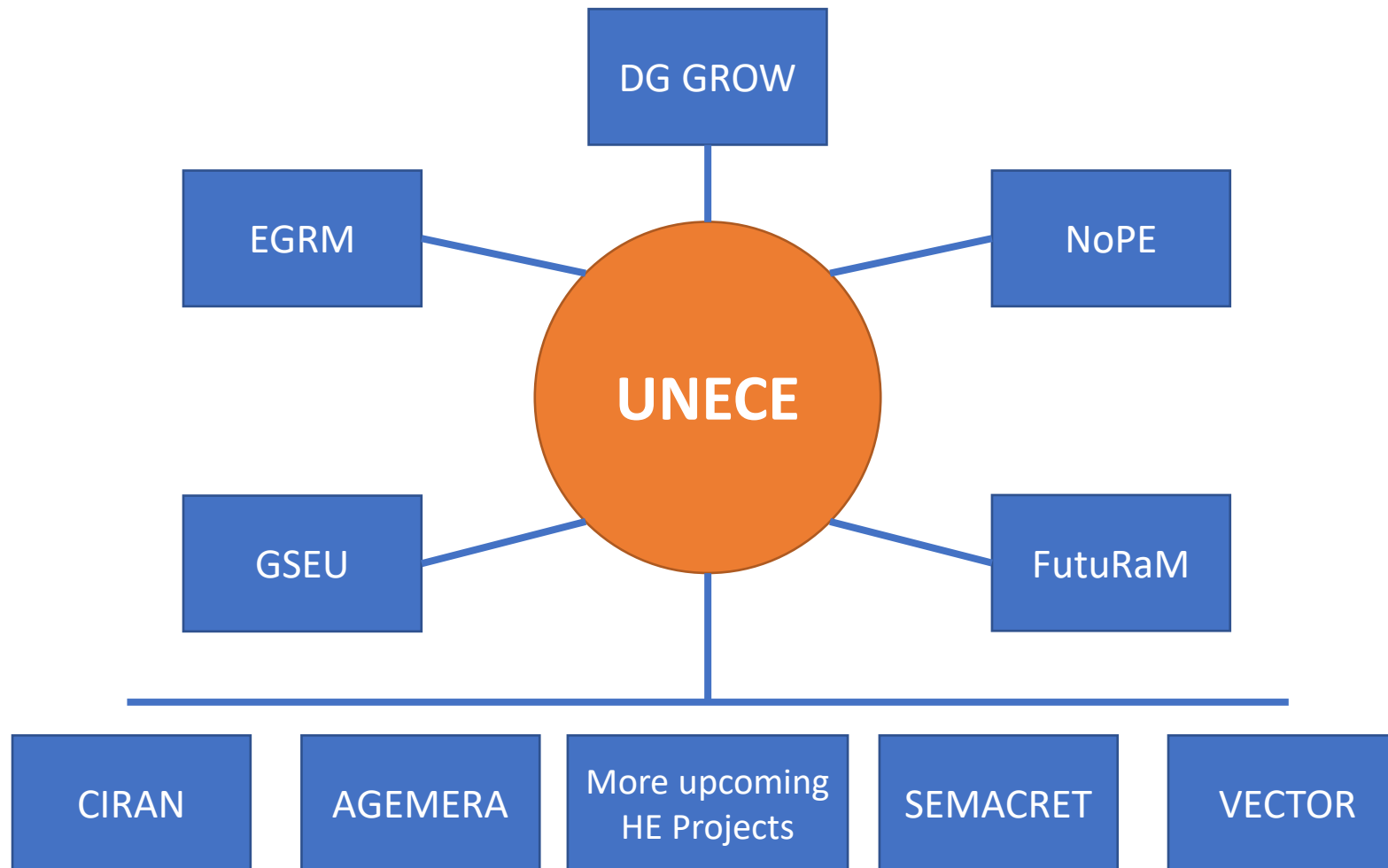
18/2/2022 - [The Role of Resource Management Tools in the Raw Materials Value Chain in Africa and Beyond](#)

02–03/2/2022 - [Training Workshop on UNFC and its Application](#) (for experts) / online

+

Raw Materials Week in Brussels & Resource Management Week in Geneva (online, in person)

UNECE Network with stakeholders and UNFC-related HE Projects



Communications

2020/2024

Selected:

- UNFC presentations at many conferences in Europe
- Encouraging UNFC (2019) translations
- Promotion materials
- Press releases

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

What is UNFC Guidance Europe?

UNFC Guidance Europe is a document to assist regional and national authorities in establishing and maintaining a project-based inventory of primary and secondary raw material projects in Europe using the United Nations Framework Classification for Resources (UNFC).

The inventory will cover projects that recover mineral raw materials from geological occurrences in the earth crust (geogenic resources) and from anthropogenic resources such as tailings, stockpiles, and waste rocks.

Whom is the UNFC Guidance Europe for?

Users include national governments, regional authorities, geological surveys, corporations and academics who are needing to make resource management decisions including ensuring that the best information is available for making those decisions.

Qualified experts and resource estimate preparers in Europe to classify primary and secondary raw material projects

Why is a UNFC-based inventory important?

A UNFC-based inventory is important for:

- Public-sector decision-making ranging from onsite, municipality, regional, country, European and the UN level on aspects of the resource life cycle
- Finance investment decision making considering economic, environmental, and social aspects of raw material projects
- Economic management for planning, organization, and leading activities of management at all corporate levels
- In expertise, knowledge, and education

Schematic mining-related project life cycles* in governmental and industry processes with some controlling factors

UNFC-2019 classification

United Nations Framework Classification (UNFC) can be used across resources
Cross Resource Comparison

Why sustainable resource management is important?

Sustainable Resource Management is critical to deliver the United Nations Agenda 2030 and its Sustainable Development Goals.

UNFC is implementing the United Nations Classification for Resources (UNFC) and developing the United Nations Resource Management System (UNRMS) to ensure quality of life, a just energy transition, climate mitigation and adaptation, and environmental stewardship.

What is UNFC?

United Nations Framework Classification for Resources (UNFC) is an international scheme for the classification, management and reporting of energy, mineral, and raw material resources.

UNITED NATIONS FRAMEWORK CLASSIFICATION FOR RESOURCES (UNFC)

What is UNFC?

United Nations Framework Classification for Resources (UNFC) is an international scheme for the classification, management and reporting of energy, mineral, and raw material resources.

What are the benefits of using UNFC?

- Simple to use
- Combines all resources such as energy, minerals and ground water into one global classification system
- Informs on environmental, social and governmental issues at local, regional, and national level

Where does UNFC come from?

UNFC was endorsed by the United Nations Economic and Social Council in 2004. Case studies have been undertaken across various sectors of society to align with existing international reporting standards in Europe and beyond.

UNFC was developed by the Expert Group on Resource Management at the United Nations Economic Commission for Europe.

Regular consultations with policymakers, industry and civil society support further development of guidance and case studies. Implementation of UNFC is made possible thanks to funding from the European Union.

EU Critical Raw Materials Act and UNFC



UNFC supports the CRM Act and its objectives by:

- Comparing different resource projects (minerals, secondary RM, hydrogen...)
- Classifying the projects along value chain from exploration, mining, processing and recycling
- Assessing environmental and social performance of the projects
- Bridging information from a wide range of reporting systems
- Monitoring development of projects over time

UNFC opted as the classification tool in the CRM Act, for:

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

EUROPEAN COMMISSION
Brussels, 16.3.2023
COM(2023) 160 final
2023/0079 (COD)

Proposal for a
REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL
on the secure and sustainable supply of critical raw materials
[2023/0079 (COD)]

UNECE
United Nations Framework
Classification for Resources
Update 2019

Sold or used production
Production which is unused or consumed in operations

Value projects
Primary value projects
Non-value projects
Extractive projects
Resources projects not classified
Other categories
Production methods
123 Classification (E1-F3-G3)

61
UNECE Energy Series

UNITED NATIONS

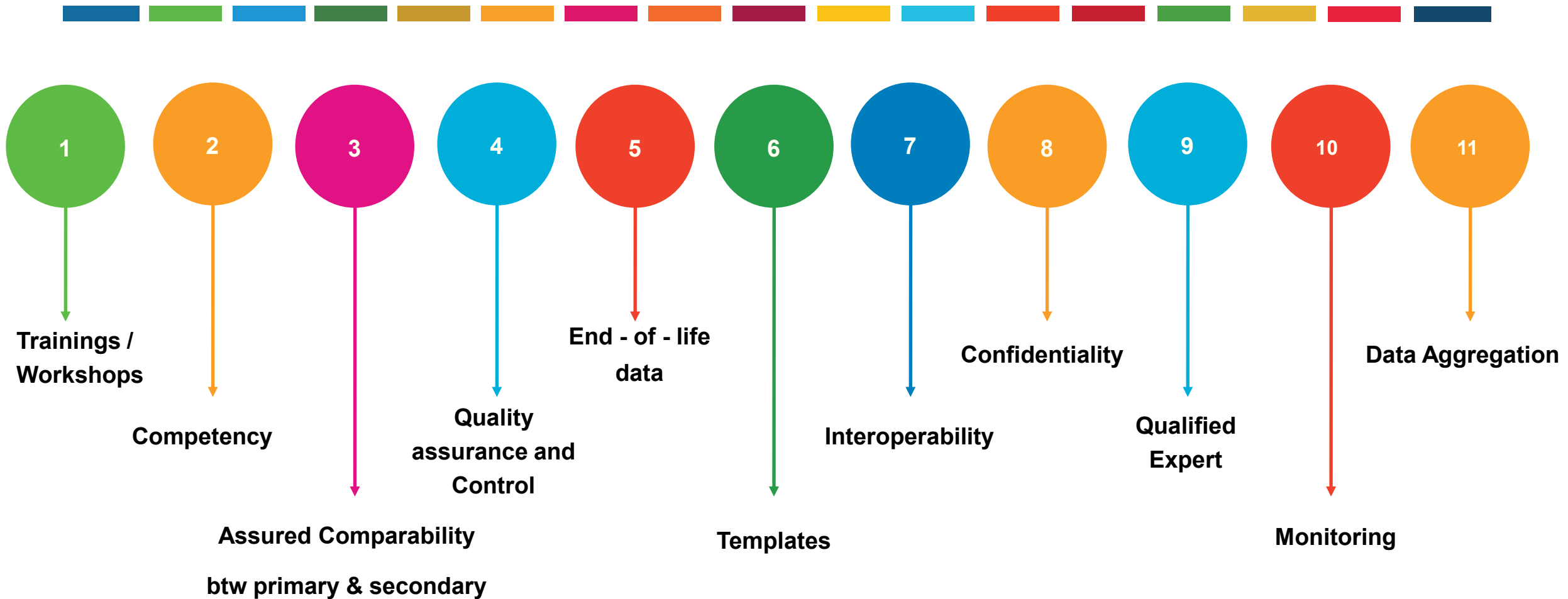
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UNECE in support of EU CRM Act

With the ultimate goal centered around ensuring the implementation of the CRM Act with quality UNFC reporting in EU as per the act's UNFC provisions. UNECE's aims to:

1. Support EU Member States and industry in **capacity-building**, including UNFC trainings and workshops **on request**
2. **Support DG GROW with implementation of the Act**, particularly on UNFC-related activities (e.g., templates)
3. **Coordinate UNFC-related activities** (including networking of UNFC-related EU projects)
4. Propose **quality assurance and control** in the near term, before smooth handover to ICE-SRM EU (via EGRM and CBB)
5. **Support ICE-SRM EU**
6. **Contribute to the comparability** of reporting at EU level

Overview of challenges for UNFC implementation in support of CRM Act reporting



Outlook into future planned activities

➤ Main Focus:

- **Support UNFC implementation according to the CRM Act across the European Union**
- **UNFC Dissemination in Europe and Beyond**

➤ How?

- Continued consultancy and advocacy for DG GROW
- Coordination of UNFC-related activities
- Capacity-Building, including UNFC Workshops and Trainings
- Engagement with Member States and promotional activities
- ICE-SRMs support
- EU Raw Materials Templates

THE VIEWS EXPRESSED ARE THOSE OF SLAVKO SOLAR / UNECE DO NOT NECESSARILY REFLECT THE VIEWS OF THE UNITED NATIONS.

Thank you!

Slavko Solar,
Economic Affairs Officer

UNECE

Date 22 | 4 | 2024, Geneva



RESOURCE MANAGEMENT WEEK 2024



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