



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

**UNFC and UNRMS: A Catalyst for Transforming
Raw Materials Management in the United
Nations Economic Commission for Europe Region
and beyond**

22-23 April 2024

Organized by
UNECE
DG GROW
EuroGeoSurveys
WEEE Forum

DAY 1: Monday 22 April, 2024
Morning Sessions
10:00 – 13:00

Opening Session
10:00 – 11:00

10:00 – 11:00
(60 mins)

UNECE Resource Management Week / EGRM-15 Opening

UNFC Seminar Opening
Moderator: Dario Liguti,
Director,
Sustainable Energy Division, UNECE
11:00 – 11:20

Welcome and
Introductory
Remarks

11:00 – 11:20
(20 mins)

Dario Liguti, *Director*, Sustainable Energy Division, United Nations Economic Commission for Europe (UNECE)

Milan Grohol, *Policy Officer*, Energy Intensive Industries and Raw Materials, DG GROW, European Commission

Julie Hollis, *Secretary General*, EuroGeoSurveys / Horizon Europe (HE) Project; “Geological Service for Europe (GSEU)”

Pascal Leroy, *Director General*, WEEE Forum / Horizon Europe (HE) Project; “Future Availability of Secondary Raw Material (FutuRaM)”

11:20 – 11:40

Break

UNFC Seminar
Session 1: Implementation of UNFC in support of the CRM Act
Moderator: Dario Liguti,
Director,
Sustainable Energy Division, UNECE
11:40 – 13:00

11:40 – 13:00
(80 mins)

Critical Raw Material (CRM) Act and UNFC provisions – **Milan Grohol**, *Policy Officer*, Energy Intensive Industries and Raw Materials, DG GROW, European Commission

Coordinated Activities for UNFC Implementation

- United Nations Economic Commission for Europe (UNECE) – **Slavko Solar**, *Economic Affairs Officer*, Sustainable Energy Division, UNECE
- Geological Service for Europe (GSEU) – **Guillaume Bertrand**, *Senior Geologist*, French Geological Survey (BRGM)
- FutuRaM – **Soraya Heuss-Aßbichler**, *Professor*, University of Munich (LMU)

EU International Centre of Excellence on Sustainable Resource management (ICE SRM) and future directions – **Meta Dobnikar**, *Head of Unit*, Geological Survey of Slovenia (GeoZS)

Lunch Break

DAY 1: Monday 22 April, 2024**Afternoon Sessions****15:00 – 18:00****UNFC Seminar****Session 2: Updates on UNFC Implementation in Europe and Beyond****Moderator: Ghadi Sabra,****Politecnico di Torino**

15:00 – 18:00

UNFC Developments and Progress 15:00 – 15:40 (40 mins)	UNFC Progress in mining wastes – Ronald Arvidsson , <i>Senior Geophysicist</i> , Geological Survey of Sweden (SGU)
	Development and Application of a UNFC-Compliant Classification Methodology for Aluminum Scrap Recovery Projects - Marina von Vietinghoff-Scheel , German Minerals Agency, German Geological Survey (DERA, BGR)
	UNFC Progress in end-of-life secondary raw materials – Iman Dorri , <i>Scientific Researcher</i> , University of Munich (LMU)
	UNFC Progress in classifying investment projects within European Raw Material Alliance (ERMA) – Massimo Gasparon , <i>Director</i> , ERMA
UNFC in Horizon Europe (HE) Projects 15:40 – 16:20 (40 mins)	SEMCRET project and UNFC resource mapping of selected CRM in Europe – Blažena Wertichová , <i>Researcher and Development Specialist</i> , Czech Geological Survey
	VECTOR - assessing the practicality of UNFC reporting through the integration of social science and geoscience – Sarah Gordon and Chris Stockey , <i>Satarla, UK</i>
	AGEMERA – University Courses: UNFC as Reporting Standard in Raw Material Sector – Md Ariful Islam , <i>Scientific Assistant, Chair for Underground Mining Methods</i> , Institute of Mining and Special Civil Engineering TU Bergakademie Freiberg
	CIRAN - Reconciliation of Conflicting Societal Objectives: Nature Protection vs. Mining - Vitor Correia , <i>Secretary-General</i> , International Raw Materials Observatory (INTRAW)
16:20 – 16:40	Break
Bridging from different National and International Systems to UNFC 16:40 – 18:00 (80 mins)	From National Systems to UNFC <ul style="list-style-type: none">• Hungarian Experience - Zoltán Horváth, <i>Head of Department</i>, Geological Survey of Hungary (SZTFH)• Czech Republic Experience – Zbyněk Gabriel, <i>Research and Development Specialist</i>, Czech Geological Survey• French Experience - Daniel Monfort, <i>Geologist Engineer & Project Manager</i>, French Geological Survey (BRGM)• Ukrainian Experience – Stanislav Lytvyniuk, <i>Deputy Chairman</i>, State Commission of Ukraine on Mineral Resources• United Kingdom Experience - Tom Bide, <i>Senior Scientist</i>, British Geological Survey (BGS)
	CRIRSCO Template-UNFC Bridging – Hendrik Falck , <i>Chair</i> , EGRM Minerals Working Group, and <i>Geology and Royal Policy Manager</i> , Geoscientists Canada, Government of the Northwest Territories (GNWT) (ECE/ENERGY/GE.3/2024/5 and Guidance Note)
	Discussion

DAY 2: Tuesday 23 April, 2024

Morning Sessions

10:00 – 13:00

UNFC Seminar

Session 3: UNFC Minerals and Anthropogenic Resources Practitioners' Forum

Chair and Moderator: Erika Ingvald,

EGRM Vice-Chair,

Geological Survey of Sweden (SGU)

10:00 – 13:00

10:00 – 10:40 (40 mins)	<ul style="list-style-type: none">• Panel 1: Adoption of UNFC - Matthias Hartung, <i>Chair</i>, UNFC Adoption Group, EGRM Commercial Applications Working Group<ul style="list-style-type: none">○ Adoption of UNFC - Matthias Hartung, <i>Chair</i>, UNFC Adoption Group○ Expanding the Metrics – Sigurd Heiberg, <i>Chair</i>, EGRM Commercial Applications Working Group○ G-axis – Alistair Jones, <i>Chair</i>, EGRM G axis Task Force- Discussion and audience intervention
10:40 – 11:20 (40 mins)	<ul style="list-style-type: none">• Panel 2: Challenges in Classifying Primary Raw Materials – Hendrik Falck, <i>Chair</i>, EGRM Minerals Working Group<ul style="list-style-type: none">○ Basics of Estimation – Garth Kirkham, <i>Chairperson</i>, Committee for Mineral Reserves International Reporting Standards (CRIRSCO)○ New to UNFC – Tania Martins, <i>Chief Geologist</i>, Manitoba Geological Survey○ UNFC Expert Estimation – Tom Bide, <i>Senior Scientist</i>, British Geological Survey (BGS)- Discussion and audience intervention
11:20 – 11:40	Break
11:40 – 12:20 (40 mins)	<ul style="list-style-type: none">• Panel 3: Challenges in Classifying Secondary Raw Materials – Ulrich Kral, <i>Chair</i>, EGRM Anthropogenic Resources Working Group and Environment Agency Austria<ul style="list-style-type: none">○ UNFC inventory for mining and metallurgical residues - Soraya Heuss-Abbichler, <i>Professor</i>, University of Munich (LMU)○ Financing Secondary Raw Materials Projects on industrial scales - Massimo Gasparon, <i>Director</i>, European Raw Material Alliance (ERMA)○ National Project Portfolio for CRM recovery from waste flows – Daniel Monfort, <i>Geologist Engineer & Project Manager</i>, French Geological Survey (BRGM)- Discussion and audience intervention
12:20 – 13:00 (40 mins)	<ul style="list-style-type: none">• Panel 4: Consistency and Quality Assurance in Classifying - Slavko Solar, <i>Economic Affairs Officer</i>, Sustainable Energy Division, UNECE<ul style="list-style-type: none">○ Consistency - Meta Dobnikar, <i>Head of Unit</i>, Geological Survey of Slovenia○ Quality Assurance – Alistair Jones, <i>Chair</i>, EGRM G axis Task Force○ UNFC in higher education - Jari Joutsenvaara, <i>Project Coordinator</i>, University of Oulu- Discussion and audience intervention

Lunch Break