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
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| 10:00 – 11:00| Opening Session  
UNECE Resource Management Week / EGRM-15 Opening                                           |
| 11:00 – 11:20| UNFC Seminar Opening  
Moderator: Dario Liguti,  
Director,  
Sustainable Energy Division, UNECE  
11:00 – 11:20 (20 mins) |
| 11:20 – 13:00| Critical Raw Material (CRM) Act and UNFC provisions  
Milan Grohol, Policy Officer, Energy Intensive Industries and Raw Materials, DG GROW, European Commission  
11:40 – 13:00 (80 mins) |
|              | 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                                                                                 |
**UNFC Seminar**  
**Session 2: Updates on UNFC Implementation in Europe and Beyond**  
**Moderator: Ghadi Sabra, Politecnico di Torino**  
**15:00 – 18:00**

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<td><strong>UNFC Developments and Progress</strong></td>
<td><strong>15:00 – 15:40</strong> (40 mins)</td>
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<td>UNFC Progress in mining wastes – <strong>Ronald Arvidsson, Senior Geophysicist</strong>, Geological Survey of Sweden (SGU)</td>
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<td>Development and Application of a UNFC-Compliant Classification Methodology for Aluminum Scrap Recovery Projects - <strong>Marina von Vietinghoff-Scheel</strong>, German Minerals Agency, German Geological Survey (DERA, BGR)</td>
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<td>UNFC Progress in end-of-life secondary raw materials – <strong>Iman Dorri, Scientific Researcher</strong>, University of Munich (LMU)</td>
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<td>UNFC Progress in classifying investment projects within European Raw Material Alliance (ERMA) – <strong>Massimo Gasparon, Director</strong>, ERMA</td>
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<td><strong>UNFC in Horizon Europe (HE) Projects</strong></td>
<td><strong>15:40 – 16:20</strong> (40 mins)</td>
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<td>SEMACRET project and UNFC resource mapping of selected CRM in Europe – <strong>Blažena Wertichová, Researcher and Development Specialist</strong>, Czech Geological Survey</td>
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<td>VECTOR - assessing the practicality of UNFC reporting through the integration of social science and geoscience – <strong>Sarah Gordon</strong> and <strong>Chris Stockey</strong>, Satarla, UK</td>
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<td>AGEMERA – University Courses: UNFC as Reporting Standard in Raw Material Sector – <strong>Md Ariful Islam, Scientific Assistant, Chair for Underground Mining Methods</strong>, Institute of Mining and Special Civil Engineering TU Bergakademie Freiberg</td>
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<td>CIRAN - Reconciliation of Conflicting Societal Objectives: Nature Protection vs. Mining - <strong>Vitor Correia, Secretary-General</strong>, International Raw Materials Observatory (INRAW)</td>
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<td><strong>16:20 – 16:40</strong></td>
<td><strong>Break</strong></td>
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<td><strong>Bridging from different National and International Systems to UNFC</strong></td>
<td><strong>16:40 – 18:00</strong> (80 mins)</td>
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| | From National Systems to UNFC  
- Hungarian Experience - **Zoltán Horváth, Head of Department**, Geological Survey of Hungary (SZTFH)  
- Czech Republic Experience – **Zbyněk Gabriel, Research and Development Specialist**, Czech Geological Survey  
- French Experience - **Daniel Monfort, Geologist Engineer & Project Manager**, French Geological Survey (BRGM)  
- Ukrainian Experience – **Stanislav Lytvyniuk, Deputy Chairman**, State Commission of Ukraine on Mineral Resources  
- United Kingdom Experience - **Tom Bide, Senior Scientist**, British Geological Survey (BGS)  
| | 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) | Panel 1: Adoption of UNFC - **Matthias Hartung**, Chair, UNFC Adoption Group, EGRM Commercial Applications Working Group  
- Adoption of UNFC - **Matthias Hartung**, Chair, UNFC Adoption Group  
- Expanding the Metrics – **Sigurd Heiberg**, Chair, EGRM Commercial Applications Working Group  
- G-axis – **Alistair Jones**, Chair, EGRM G axis Task Force  
  - Discussion and audience intervention |
| --- | --- |
- Basics of Estimation – **Garth Kirkham**, Chairperson, Committee for Mineral Reserves International Reporting Standards (CRIRSCO)  
- New to UNFC – **Tania Martins**, Chief Geologist, Manitoba Geological Survey  
  - Discussion and audience intervention |
| 11:20 – 11:40 | **Break** |
- UNFC inventory for mining and metallurgical residues - **Soraya Heuss-Aßbichler**, Professor, University of Munich (LMU)  
- Financing Secondary Raw Materials Projects on industrial scales - **Massimo Gasparon**, Director, European Raw Material Alliance (ERMA)  
- National Project Portfolio for CRM recovery from waste flows – **Daniel Monfort**, Geologist Engineer & Project Manager, French Geological Survey (BRGM)  
  - Discussion and audience intervention |
| 12:20 – 13:00 (40 mins) | Panel 4: Consistency and Quality Assurance in Classifying - **Slavko Solar**, Economic Affairs Officer, Sustainable Energy Division, UNECE  
- Consistency - **Meta Dobnikar**, Head of Unit, Geological Survey of Slovenia  
- Quality Assurance – **Alistair Jones**, Chair, EGRM G axis Task Force  
- UNFC in higher education - **Jari Joutsenvaara**, Project Coordinator, University of Oulu  
  - Discussion and audience intervention |

**Lunch Break**