

**UNECE RESOURCE MANAGEMENT WEEK 2023**  
**ASSURING SUSTAINABILITY IN RESOURCE MANAGEMENT**  
 25 - 28 APRIL 2023 | PALAIS DES NATIONS | GENEVA



## Final Programme

**Tuesday, 25 April 2023**

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| <b>10:00 – 18:00 Room Tempus and Online</b>   |  |  |
| <b>Link: Zoom link will be provided to registered participants</b>  |  |  |
| 10:00 - 10:10   | <p><b>Housekeeping</b></p> <p><b>Adoption of agenda</b> (Agenda item 1)</p>  | <ul style="list-style-type: none"> <li>Charlotte Griffiths, Secretary, Expert Group on Resource Management (EGRM)</li> <li>Stig-Morten Knutsen, EGRM Vice-Chair</li> </ul>   |
| 10:10 - 10:40   | <p><b>Assuring sustainability in resource management</b> (Agenda item: 2)</p> <p>Opening remarks: The Key to Sustainability in Resource Management: A Holistic and Integrated Approach</p> <p>Keynote: A Collaborative Effort for the Circular Economy</p> <p>Chair's remarks</p> <p>Launch of University of Exeter videos <i>funded by the UK Government</i> on the United Nations Resource Management System (UNRMS)</p> | <ul style="list-style-type: none"> <li>Dmitry Mariyasin, Deputy Executive Secretary, UNECE</li> <li>Stientje van Veldhoven, Vice President and Regional Director, Europe, World Resources Institute (<i>recording</i>)</li> <li>Stig-Morten Knutsen, Vice-Chair, EGRM <i>on behalf of</i> David MacDonald, EGRM Chair</li> <li>What is UNRMS</li> <li>UNRMS UK Case Study</li> </ul> |
| <b>Seminar: Deploying the United Nations Framework Classification for Resources (UNFC) in Europe and beyond to assure information for sustainable resource management</b> |  |  |
| 10:40   | <p><b>Seminar: Deploying UNFC in Europe and beyond to assure information for sustainable resource management</b> (Agenda item: 3)</p>  | <p><b>Moderator:</b> Charlotte Griffiths, Secretary, EGRM</p>  |
| 10:45 - 11:20   | <p>Opening remarks</p>   | <ul style="list-style-type: none"> <li>Dario Liguti, Director, Sustainable Energy Division, UNECE</li> </ul>   |

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|               |   | <ul style="list-style-type: none"> <li>• Milan Grohol, Policy Officer, European Commission (DG GROW)</li> <li>• Guillaume Bertrand, BRGM, France <i>on behalf of</i> Geological Service for Europe (GSEU)</li> <li>• Pascal Leroy, FutuRaM Consortium, WEEE (Waste Electrical and Electronic Equipment) Forum a.i.s.b.l.</li> </ul>   |
| 11:20 - 11:40 | Break   |   |
| 11:40 - 12:20 | <p><b>United Nations Framework Classification for Resources (UNFC)</b></p> <ul style="list-style-type: none"> <li>• UNFC – Classification for sustainable resource management</li> <li>• The Basics of Mineral Project Classification</li> <li>• Application of UNFC to Anthropogenic Resources</li> </ul>  | <p><b>Moderator:</b> Charlotte Griffiths, Secretary, EGRM</p> <ul style="list-style-type: none"> <li>• Alistair Jones, Imperial College</li> <li>• Hendrik Falck, Chair, EGRM Minerals Working Group</li> <li>• Ulrich Kral, Chair, EGRM Anthropogenic Resources Working Group and Environment Agency Austria</li> </ul>  |
| 12:20 - 13:00 | <p><b>UNFC in Europe</b></p> <ul style="list-style-type: none"> <li>• Background information for UNFC Guidance Europe</li> <li>• UNFC Guidance Europe</li> </ul> <p><b>Discussion</b></p>   | <ul style="list-style-type: none"> <li>• Slavko Solar, Sustainable Energy Division, UNECE</li> <li>• Janne Hokka, Geological Survey of Finland (GTK)</li> </ul>   |
| 13:00 – 15:00 | Break: Lunch will be provided outside the Tempus meeting room   |   |
| 13:45 – 14:30 | <p><a href="#">Lunch Time Lecture Tempus Meeting Room</a></p> <p><b>Global Outlook on Assessments of Critical Raw Materials – focus on socio-economic, environmental and technical implications</b></p> <p><i>Professor Gian Andrea Blengini, Department of Environment, Land and Infrastructure Engineering (DIATI), Politecnico di Torino</i></p>                             |   |
| 15:00-16:20   | <p><b>Agenda item: 3 Seminar <i>continued</i></b></p> <p><b>Primary Raw Materials</b></p> <ul style="list-style-type: none"> <li>• Graphite UNFC case study from Norway</li> <li>• An example of a Swedish CRM project – the LKAB ReeMap project</li> <li>• UNFC evaluation of French critical raw materials projects</li> <li>• UNFC in national minerals inventory</li> </ul> | <p><b>Chair:</b> Stig-Morten Knutsen, EGRM</p> <p><b>Moderator:</b> Guillaume Bertrand, BRGM, France</p> <ul style="list-style-type: none"> <li>• Janja Knezevic Solberg, Geological Survey of Norway (NGU)</li> <li>• Erika Ingvald, Geological Survey of Sweden (SGU)</li> <li>• Léane Verhulst, Minerals Intelligence Unit, BRGM</li> <li>• Janne Hokka, Geological Survey of Finland (GTK)</li> </ul> |
| 16:20 - 16:40 | Break   |   |

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| 16:40 - 18:00 | <p><b>Primary Raw Materials in Practice</b></p> <ul style="list-style-type: none"> <li>Geological Service for Europe (GSEU) Project</li> <li>First steps towards EU International Centre of Excellence on Sustainable Resource Management</li> <li>UNFC activities in GSEU</li> </ul> <p><b>Discussion</b></p> <ul style="list-style-type: none"> <li>UNFC in Strategic Projects</li> </ul> <p><b>Discussion</b></p> | <p><b>Moderator:</b> Robert Tomas, European Commission, DG GROW</p> <ul style="list-style-type: none"> <li>Guillaume Bertrand, French Geological Survey (BRGM)</li> <li>Snježana Miletić, Geological Survey of Slovenia (GeoZS)</li> <li>Zoltán Horváth, Geological Survey of Hungary (SZTFH)</li> <li>Massimo Gasparon, Director, European Raw Materials Alliance, EIT RawMaterials GmbH</li> </ul> |
| 18:30 – 20:00 | Cocktail Reception, Mezzanine Area, 2nd floor (above the Bar Serpent), E Building, Palais des Nations (enter via Door 40)  |  |

### Wednesday, 26 April 2023

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| <b>10:00 – 18:00 Room Tempus and Online</b>   |   |  |
| <b>Seminar: Deploying UNFC in Europe and beyond to assure information for sustainable resource management</b> |   |  |
| <b>Link: Zoom link will be provided to registered participants</b>  |   |  |
| 10:00   | <b>Agenda item: 3 continued</b>   | <p><b>Chair:</b> Erika Ingvald, EGRM Vice-Chair</p> <p><b>Moderator:</b> Julia Stegemann, Centre for Resource Efficiency &amp; the Environment, University College London (UCL)</p>  |
| 10:00 - 11:20   | <p><b>Secondary Raw Materials in Practice: Applying UNFC to Anthropogenic Resources</b></p> <ul style="list-style-type: none"> <li>Utilization of extractive waste and the FutuRaM case site in Finland</li> <li>Mining Waste, Sweden National Case</li> <li>A Swiss Case Study on Embedded Electronics in end-of-life vehicles</li> <li>Batteries and WEEE in France</li> <li>Towards a harmonized procedure and reporting standard for anthropogenic resources using UNFC</li> </ul> <p><b>Discussion</b></p> | <ul style="list-style-type: none"> <li>Teemu Karlsson, Geological Survey of Finland (GTK)</li> <li>Ronald Arvidsson, Geological Survey of Swedish (SGU)</li> <li>Kirsten Remmen, Swiss Federal Laboratory for Materials Science and Technology (Empa)</li> <li>Léane Verhulst, BRGM</li> <li>Soraya Heuss-Aßbichler, Ludwig-Maximilians-Universität München (LMU)</li> </ul> |
| 11:20 – 11:40   | Break   |  |
| 11:40 – 12:20   | <b>UNFC beyond Europe</b>   | <p><b>Moderator:</b> Chokan Laumulin, Vice-Chair, UNECE Committee on Sustainable Energy and Kazakh-British Technical University</p>  |

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|  | <ul style="list-style-type: none"> <li>• UNFC in Ukraine</li> <li>• UNFC and UNRMS in Central Asia and ways forward</li> <li>• UNFC in Africa and implementation to date</li> <li>• The role of UNFC to build a new perspective for sustainability in the extractive industries and the energy sector in Latin America</li> </ul> | <ul style="list-style-type: none"> <li>• Sergii Paiuk, Chairman, State Commission of Ukraine on Mineral Resources</li> <li>• Victor Babashev, EGRM Vice-Chair, Kazakhstan</li> <li>• Tunde Arisekola, Senior Advisor, Geological and Minerals Information, African Minerals Development Centre</li> <li>• Ulises Neri, Executive Director, ICE-SRM Latin America</li> </ul>  |
| 12:20 - 13:00  | <p><b>Looking Forward</b></p> <ul style="list-style-type: none"> <li>• The need for UNFC in the French Minerals Agency</li> <li>• Panel Discussion</li> </ul> <p>• <b>Conclusions and Recommendations</b></p>   | <p><b>Moderator:</b> Slavko Solar, Secretariat, EGRM</p> <ul style="list-style-type: none"> <li>• Stephane Bourg, OFREMI, France</li> </ul> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• Hendrik Falck, Chair, EGRM Minerals Working Group</li> <li>• Ulrich Kral, Chair, EGRM Anthropogenic Resources Working Group</li> <li>• Sigurd Heiberg, Chair, EGRM Commercial Applications Working Group</li> <li>• Janne Hokka, Geological Survey of Finland (GTK)</li> <li>• Erika Ingvald, EGRM Vice-Chair</li> </ul> |
| 13:00 – 15:00  | Break   |  |
| <b>15:00 – 18:00 Room Tempus and Online</b>  |   |  |
| <b>Session 1: Achieving Sustainability and Transformation in the Extractive Sector</b> |   |  |
| 15:00 - 16:30  | <p><b>Collaboration for Critical Raw Materials: Activities of the Working Group on Transforming the Extractive Industries for Sustainable Development</b> (Agenda item: 5)</p> <ul style="list-style-type: none"> <li>• UNEP</li> <li>• UNESCWA</li> <li>• UNECA</li> </ul>   | <p><b>Chair:</b> Karen Hanghoj, EGRM Vice-Chair</p> <p><b>Moderator:</b> Dario Liguti, Director, UNECE Sustainable Energy Division</p> <ul style="list-style-type: none"> <li>• Elisa Tonda, Chief, Resources and Markets Branch, Industry and Economy Division, UNEP</li> <li>• Radia Sedaoui, Chief of Energy Section, Climate Change and Natural Resource Sustainability Cluster, UNESCWA</li> <li>• John Sloan, Economic Affairs Officer, Technology, Climate Change and Natural Resource Management Division, UNECA</li> </ul>    |

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|               | <ul style="list-style-type: none"> <li>• UNECLAC</li> <li>• UNESCWA</li> <li>• UNECE</li> <li>• UNDP</li> </ul> <p><b>Discussions, Q&amp;A</b></p>  | <ul style="list-style-type: none"> <li>• Rodrigo Furtado Messias, Associate Economic Affairs Officer, Natural Resources Division, UNECLAC</li> <li>• Matthew Wittenstein, Chief of Section, Energy Division, UNESCAP</li> <li>• Hari Tulsidas, Economic Affairs Officer, Sustainable Energy Division, UNECE</li> <li>• Stefanie Held, Energy Hub, UNDP</li> </ul>  |
| 16:30 – 18:00 | <p><b>Transforming Resource Management: The United Nations Resource Management System (UNRMS) and the Sustainable Development Goals</b> (Agenda item: 6)</p> <p>UNRMS Sub-group update: Objectives, Activities, and Achievements</p> <p>Sustainable Development Goals Delivery Working Group Update: Advancing Sustainable Resource Management</p> <p>African Green Minerals Strategy</p> <p>Resource Servitization: A New Paradigm for Sustainable Resource Management</p> <p>UNRMS and The Resource Supply System: A Comprehensive and Integrated Approach to Sustainable Resource Management</p> <p>UNRMS Case Study: A Circular and Servitized Approach to Resource Management in the UK</p> <p><b>Discussions, Q&amp;A</b></p> <p><b>Conclusions and Recommendations</b></p> | <p><b>Chair:</b> Karen Hanghoj, EGRM Vice-Chair</p> <p><b>Moderator:</b> Hari Tulsidas, UNECE Sustainable Energy Division</p> <ul style="list-style-type: none"> <li>• Teresa Ponce de Leão, Chair, EGRM UNRMS Sub-group (<i>virtual</i>)</li> <li>• Julian Hilton, Chair, EGRM Sustainable Development Goals Delivery Working Group and Aleff Group</li> <li>• Jerry Ahadjie, Chief Minerals Officer, African Development Bank</li> <li>• Christophe Xerri, President and Senior Consultant, The Sailing Brain Consulting</li> <li>• Thomas Schneider, Toronto Metropolitan University <i>on behalf of</i> David Elliott, Independent Expert, Canada</li> <li>• Eva Marquis, Research Fellow, Camborne School of Mines, University of Exeter, UK</li> <li>• Karen Hanghoj, EGRM Vice-Chair</li> </ul> |

Thursday, 27 April 2023

10:00 – 18:00 Room Tempus and Online

Session 2: Managing Resources for a Sustainable Future

Link: Zoom link will be provided to registered participants

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| 10:00 – 11:00 | <p><b>Energizing Sustainability: Priorities for the Committee on Sustainable Energy and EGRM</b> (Agenda item: 4)<br/>Committee on Sustainable Energy update and introduction to UNECE Resilient Energy Systems Platform</p> <p>Critical Raw Materials Risk Mapping for Global Supply Chain Security and Innovation</p> <p>Critical Raw Materials Value Chain Stability, Security and Sustainability – The Contribution of the Private Sector</p> <p>Just Transition and Sustainable Resource Management: A UNFC and UNRMS-based Framework for Attaining the SDGs</p> <p><b>Discussions, Q&amp;A</b></p> | <p><b>Chair and Moderator:</b> Karen Hanghoj, EGRM Vice-Chair</p> <ul style="list-style-type: none"><li>• Dario Liguti, Director, UNECE Sustainable Energy Division</li><li>• Tatiana Aguilar, Mining and Metals Manager, World Economic Forum (WEF)</li><li>• Jana Plananska, Member of the Board of Advisors, Norge Mining Ltd</li><li>• Ray Pilcher, Chair, UNECE Group of Experts on Coal Mine Methane and Just Transition (<i>recording</i>)</li></ul>  |
| 11:00 – 12:00 | <p><b>Unlocking the Resource Potential: Central Asia's Sustainable Future</b><br/>Agenda item: 9</p> <p>Kazakhstan</p> <ul style="list-style-type: none"><li>• The ACAST project: critical minerals, research, certification, energy and global development</li></ul> <p>Kyrgyzstan</p> <p>Tajikistan</p>  | <p><b>Chair:</b> Karen Hanghoj, EGRM Vice-Chair<br/><b>Moderator:</b> Chokan Laumulin, Vice-Chair, UNECE Committee on Sustainable Energy and Kazakh-British Technical University</p> <ul style="list-style-type: none"><li>• Al-Farabi Ydyryshev, Director General, National Center for Technology Foresight, Kazakhstan tbc</li><li>• Yerlan Galiyev, Deputy Chairman, Geology Committee, Ministry of Industry and Infrastructural Development, Kazakhstan (<i>virtual</i>) tbc</li><li>• Chokan Laumulin, Vice-Chair, UNECE Committee on Sustainable Energy</li><li>• Arkady Rogalsky, Counselor, State Enterprise Kyrgyzgeology, Ministry of Natural Resources, Ecology and Technical Safety</li><li>• Sharifa Khudobakhsh, Deputy Minister, Ministry of Energy and Water Resources, Tajikistan</li></ul> |

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|               | Uzbekistan<br><br><b>Discussions, Q&amp;A</b>   | <ul style="list-style-type: none"> <li>• Azimjon Kholikov, Director, Institute of Mineral Resources, State Committee of Uzbekistan on Geology and Mineral Resources</li> </ul>  |
| 12:00 - 13:00 | <p><b>Development and Implementation of the United Nations Framework Classification for Resources</b> (Agenda item: 7)</p> <p>Technical Advisory Group (TAG) Update and Roadmap for UNFC and UNRMS Development and Maintenance</p> <p>Ukraine’s Critical Raw Materials Strategy: A Case Study on Sustainable Resource Management</p> <p>Albania’s Geothermal Sector: A Case Study on UNFC and UNRMS Application</p> <p>UNFC and UNRMS for Nuclear Fuel Resources: Exploring the Synergies between Uranium, Thorium and Rare Earth Elements</p> <p><b>Discussions, Q&amp;A</b></p> <p><b>Conclusions and Recommendations</b></p> | <p><b>Chair and Moderator:</b> Karen Hanghoj, EGRM Vice-Chair</p> <ul style="list-style-type: none"> <li>• Satinder Purewal, Co-Chair, EGRM Technical Advisory Group</li> <li>• Stanislav Lytvyniuk, Deputy Chairman, Ore, Non-Metallic and Solid Combustible Minerals, State Commission of Ukraine on Mineral Resources</li> <li>• Nevton Kodhelaj, Polytechnic University of Tirana, Albania</li> <li>• King Lee, Chair, EGRM Nuclear Fuel Resources Working Group and World Nuclear Association</li> <li>• Karen Hanghoj, EGRM Vice-Chair</li> </ul> |
| 13:00 – 15:00 | Break – sandwiches will be served outside the Tempus meeting room   |   |
| 13:45 – 14:30 | <p><a href="#">Lunch Time Lecture: Tempus Meeting Room</a><br/> <b>What Can the Resources Sector Learn about Innovation from Google and Amazon?</b><br/> <i>Professor Robert K. Perrons, Queensland University of Technology, Australia</i></p>   |   |

Thursday, 27 April 2023

15:00 – 18:00 Room Tempus and Online

Session 3: Mapping Our Resources

Link: **Zoom link will be provided to registered participants**

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| 15:00 - 17:00 | <p><b>Development and Implementation of UNFC</b> (Agenda item: 7 cont'd)</p> <p>The Future of Hydrogen as a Resource: Scenarios, Trends and Risks</p> <p>EGRM Guidance Note on Competency Requirements for the Estimation, Classification and Management of Resources</p> <p>From Mine to Market: The New ISO Standard for Ensuring Sustainability and Traceability of Raw Materials</p> <p>Unlocking the Blind Spot: Accelerating Circularity with Minerals and Metals Companies</p> <p>Insights and Challenges Regarding the Positioning of Injection Projects in the UNFC context</p> <p>Challenges of Developing and Applying UNFC to Anthropogenic Resources</p> <p>Applying UNFC to Groundwater Resources</p> <p>Petroleum: Updated Bridging Documents</p> <p>Beyond Oil: How Saudi Arabia is Transforming its Mineral Sector for the Future</p> <p>Gender-Sensitive Policymaking in the Energy Sector: Lessons and Outlook from the Energía+Mujer Project</p> <p><b>Discussions, Q&amp;A</b></p> | <p><b>Chair and Moderator:</b> Teresa Ponce de Leão, EGRM Vice-Chair</p> <ul style="list-style-type: none"><li>• Mike McCurdy, Managing Director, Energy Advisory Services, ICF International</li><li>• Vitor Correia, Chair, EGRM Competency Working Group</li><li>• Michael Haschke, Director Innovation &amp; EU Relations, DMT</li><li>• Christian Spano, Director of Innovation, International Council on Mining and Metals (ICMM)</li><li>• Serge van Gessel, Chair, EGRM Injection Projects Working Group</li><li>• Ulrich Kral, Chair, EGRM Anthropogenic Resources Working Group</li><li>• Peter van der Keur, Chair, EGRM Groundwater Working Group</li><li>• Barbara Pribyl, Chair, EGRM Petroleum Working Group (<i>recording</i>)</li><li>• Aleksandr Shpilman, Co-Chair, EGRM Technical Advisory Group</li><li>• Hassan Almarzouki, Director General, Planning &amp; Development, Saudi Geological Survey</li><li>• María Francisca Valenzuela, Head, Office of Gender and Human Rights, Ministry of Energy, Chile (<i>virtual</i>)</li></ul> |
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| <p>17:00 – 18:00</p> | <p><b>A Harmonized and Comprehensive Approach to Resource Management, Reporting and Disclosure</b><br/>(Agenda item: 7)</p> <p><b>Keynote:</b> Update on International Sustainability Standards Board (ISSB) as it relates to extractive and anthropogenic activities addressed by UNECE</p> <p><b>Panel discussion:</b></p> <ul style="list-style-type: none"> <li>• Regional requirements - Example from EU on CRMs</li> <li>• EGRM/UNFC - facilitating resource management for sustainable development through the public-private partnership of governments, industry and capital allocators</li> <li>• Achieving a harmonized and comprehensive approach to resource management, reporting and disclosure in jurisdictions</li> </ul> <p><b>Discussions, Q&amp;A</b></p> <p><b>Conclusions and Recommendations</b></p> | <p><b>Chair:</b> Teresa Ponce de Leão, EGRM Vice-Chair<br/><b>Moderator:</b> Dario Liguti, Director, UNECE Sustainable Energy Division</p> <p>Mardi McBrien, Chief of Strategic Affairs and Capacity Building, IFRS Foundation</p> <p><b>Panelists</b></p> <ul style="list-style-type: none"> <li>• David MacDonald, EGRM Chair (<i>virtual</i>)</li> <li>• Maurizio Schiaparelli, Law Graduate and UNECE Intern</li> <li>• Kathryn Campbell, Of Counsel, Sullivan &amp; Cromwell LLP</li> <li>• Sigurd Heiberg, Chair, EGRM Commercial Applications Working Group and Petronavit a.s.</li> <li>• Mardi McBrien, Chief of Strategic Affairs and Capacity Building, IFRS Foundation</li> </ul> <ul style="list-style-type: none"> <li>• Teresa Ponce de Leão, EGRM Vice-Chair</li> </ul> |
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Friday, 28 April 2023

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| <p><b>10:00 – 13:00 Room Tempus and Online</b></p>                        |   |   |
| <p><b>Session 4: Empowering Sustainable Development</b></p>               |   |   |
| <p><b>Link: Zoom link will be provided to registered participants</b></p> |   |   |
| <p>10:00 - 11:00</p>  | <p><b>Centres of Excellence: Mobilizing Resources for Sustainable Development</b><br/>(Agenda item: 9)</p> <p>The Role of Community Engagement in Enhancing the Social and Environmental Performance of Extractive Projects</p> <p>African Mining Vision</p> <p>ASEAN Minerals Cooperation Strategies: Fostering Sustainability and Resilience in Promoting the Region as a Minerals Investment Destination</p> | <ul style="list-style-type: none"> <li>• <b>Chair and Moderator:</b> Erika Ingvald, EGRM Vice-Chair</li> <li>• Sheila Khama, Independent mineral, oil and gas policy advisor, author, and podcast host (<i>virtual</i>)</li> <li>• Tunde Arisekola, Senior Advisor, Geological and Minerals Information, African Minerals Development Centre</li> <li>• Rabiah Al Adawiyah Hussein, Senior Officer, Energy and Minerals Division, ASEAN Secretariat (<i>virtual</i>)</li> </ul> |

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|               | <p>Mexico ICE-SRM: A Platform for Collaboration and Knowledge Sharing on Resource Management</p> <p>UK ICE-SRM: A Proposal for Advancing Circular Economy, Resource Servitization and International Collaboration</p> <p>Discussions, Q&amp;A</p>   | <ul style="list-style-type: none"> <li>• Ulises Neri, Executive Director, ICE-SRM Latin America</li> <li>• Frances Wall, Professor of Applied Mineralogy, Camborne School of Mines, University of Exeter, UK</li> </ul>   |
| 11:00 - 12:00 | <p><b>Empowering the Next Generation of Sustainable Resource Managers: The Role of Youth in Resource Management</b> (Agenda item: 10)</p> <p>Panel Discussion, Q&amp;A</p>  | <p><b>Chair:</b> Erika Ingvald, Vice-Chair, EGRM<br/> <b>Moderator:</b> Ghadi Sabra, Lead, EGRM Resource Management Young Member Group and UNECE Consultant</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• Bianca Neumann, Prognos AG</li> <li>• Jodi-Ann Wang, G20 Youth Delegate</li> <li>• Vadim Kuznetsov, BRICS Youth Energy Agency</li> <li>• Markus Fischer, Regulatory Advisor EU Affairs, Ørsted</li> <li>• Yuhan Zheng, Youth Delegate, International Renewable Energy Association and UNFCCC Global Stocktake</li> <li>• Walker Darke, UNECE Consultant (<i>recording</i>)</li> </ul> |
| 12:00 - 13:00 | <p><b>Reaching Out: Communications, Promotion, and Outreach for Resource Management</b> (Agenda item: 10)</p> <p>Ensuring Engagement: Update on Communications, Education and Outreach</p> <p>A UNFC Digital Tool: Innovation for Assessing and Classifying Resources</p> <p>Aspects of UNFC digitalization – data quality, security and blockchain</p> <p>Collaboration with other organizations</p> | <p><b>Chair and Moderator:</b> Erika Ingvald, EGRM Vice-Chair</p> <ul style="list-style-type: none"> <li>• Carolina Coll, Chair, EGRM Communications Working Group <i>supported by</i> Walker Darke, EGRM Communications Consultant (<i>virtual</i>)</li> <li>• Claus-Bernhardt Johst, Regional Principal Advisor, GIZ, El Salvador</li> <li>• Milan Poczik, CEO, Sinegon Technologies, Hungary</li> <li>• Pierce Riemer, Director General, World Petroleum Council</li> <li>• Marit Brommer, Executive Director, International Geothermal Association (<i>recording tbc</i>)</li> </ul>                                |

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|  | <p><b>Discussions, Q&amp;A</b></p> <p><b>Conclusions and Recommendations</b></p> | <ul style="list-style-type: none"> <li>• Mercè Ferrés Hernández, Technical Programme Manager, International Organization for Standardization (ISO) tbc</li> <li>• Erika Ingvald, EGRM Vice-Chair</li> </ul> |
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**Friday, 28 April 2023**

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|--|---|--|
| <b>15:00 – 18:00 Room Tempus and Online</b>                        |   |  |
| <b>Session 5: Strengthening Expertise</b>                          |   |  |
| <b>Link: Zoom link will be provided to registered participants</b> |   |  |
| 15:00 - 16:00  | <b>Election of officers</b> (Agenda item: 11)   | <b>Chair:</b> Karen Hanghoj, Vice-Chair, EGRM  |
| 16:00 – 17:00  | <p><b>How UNFC and UNRMS are Shaping the Future of Resource Management: Case Studies and New Trends</b> (Agenda item: 7)</p> <p>Focus on Carbon Capture and Storage and CO<sub>2</sub> case studies</p> <p>The need for UNFC Adoption Standards</p> <p>Titanium for the Future: How Italy can Develop its Mineral Resources for Sustainability</p> <p>Geospatial Data for Strategic Corridors: Mapping the Future of Sustainable Development</p> <p>Development of a technology for the integrated extraction of noble and rare earth metals in-situ leach recovery of uranium</p> <p><b>Discussions, Q&amp;A</b></p> | <p><b>Chair and Moderator:</b> Karen Hanghoj, EGRM Vice-Chair</p> <ul style="list-style-type: none"> <li>• Florentino Mateus Soares Ferreira, President, National Petroleum and Minerals Authority (ANPM), Timor-Leste</li> <li>• Interventions from the floor</li> <li>• Matthias Hartung, Chair, Ad Hoc Group on UNFC Adoption Standards under EGRM Commercial Applications Working Group</li> <li>• Ghadi Sabra, Lead, EGRM Resource Management Young Member Group and UNECE Consultant</li> <li>• Claudia Baranzelli, GeoSpatial Lab, OECD</li> <li>• Maxat Bektayev, Managing Director, LLP "BMC Kazakhstan"</li> </ul> |

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|---------------|---|---|
| 17:00 – 17:30 | <b>Implementation of Work Plan for 2022-2023</b><br><b>Draft Work Plan for 2024-2025</b> (Agenda item: 8)<br><br>Discussions, Q&A | <b>Chair:</b> Karen Hanghoj, Vice-Chair, EGRM<br><br>• Discussion with EGRM |
| 17:30 – 17:35 | <b>Other business</b> (Agenda item: 12)   | <b>Chair:</b> Karen Hanghoj, Vice-Chair, EGRM<br><br>• Discussion with EGRM |
| 17:35 – 17:50 | <b>Conclusions and recommendations</b> (Agenda item: 13)  | <b>Chair:</b> Karen Hanghoj, Vice-Chair, EGRM<br><br>• Discussion with EGRM |
| 17:50 – 18:00 | <b>Adoption of report</b> (Agenda item: 14)   | <b>Chair:</b> Karen Hanghoj, Vice-Chair, EGRM<br><br>• Discussion with EGRM |
| 18:00         | Close of meeting  |   |