

**Expert Group on Resource Management (EGRM) Tenth Session
Item 4: Workshop – UNFC and UNRMS: Tools for Managing Resources for
Sustainable Development
29–30 April 2019 – Salle XII, Palais des Nations, Geneva**

FINAL PROGRAMME

| Day 1: Monday, 29 April 2019 | | |
|---|---|---|
| 09:15 – 10.00 | Coffee – Sponsored by ICF | |
| Chair and Facilitator: David MacDonald, Chair, Expert Group on Resource Management | | |
| 10.00 – 10.05 | Opening of Expert Group on Resource Management Tenth Session Adoption of agenda: ECE/ENERGY/GE.3/2019/1 | David MacDonald, BP and Chair, Expert Group on Resource Management (EGRM) |
| 10.05 – 10.10 | Welcome Remarks & Introduction to Item 4: UNFC and UNRMS Workshop | Charlotte Griffiths, UNECE |
| UNFC Training by Petrad | | |
| 10:10 – 10:30 | UNFC background and how it works | Per Blystad, Petrad |
| 10:30 – 10:50 | UNFC Applications in Policy formulation, Government Resource Management, Corporate business process management, Financial reporting and Capital allocations | Sigurd Heiberg, Petrad |
| 10:50 – 11:10 | Relationship between UNFC and classifications bridged to it | Per Blystad, Petrad |
| 11:10 – 11:30 | Discussions | |
| 11:30 – 11:45 | UNFC application to petroleum | Sigurd Heiberg, Petrad |
| 11:45 – 12:00 | UNFC application to minerals | Michael Neumann, Chair, Minerals Working Group |
| 12:00 – 12:15 | Application to renewable resources (renewable energy, storage and anthropogenic resources) | Sigurd Heiberg, Petrad |
| 12:15 – 12:35 | The SEEA framework – An overview of the use of UNFC for resource classification and management | Robert Smith, Midsummer Analytics, Canada |
| 12:35 – 12:55 | Discussions | |
| 12:55 – 13:00 | Closing remarks | Sigurd Heiberg, Petrad |
| 13:00 – 15:00 | Lunch Break (delegates own arrangements) | |
| 14:15 – 15:00 | Coffee – Sponsored by ESM Foundation | |
| Integrated, indivisible and balanced management of resources – Why? What? How? | | |
| 15:00 – 15:20 | Keynote presentation: Resources for Sustainable Development: Challenges, Opportunities, Outlook | Bas de Leeuw, Managing Director, World Resources Forum Association |
| 15:20 – 15:40 | UNFC to UNRMS: Key considerations and what is meant by resource management in context of UNRMS | David MacDonald, BP and Chair, EGRM |

| Integrated, indivisible and balanced management of resources – Why? What? How? continued | | |
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| 15:40 – 15:55 | Having a shared vision for sustainable resource management | Alessandra Hool, Managing Director, ESM Foundation |
| 15:55 – 16:10 | How to fix the elevator problem? Approaches to Sustainable Resource Management | Hari Tulsidas, UNECE |
| 16:10 – 16:25 | The tale of two triads – Connecting “People-Planet-Prosperity” and “Food-Water-Energy” to sustainable resource management | Julian Hilton, Aleff Group and Chair, Sustainable Development Goals Delivery Working Group |
| 16:25 – 16:40 | A systems view of environmental – economic management of natural resources | Robert Smith, Midsummer Analytics, Canada |
| 16:40 – 17:40 | Panel discussion: Greater than the sum of its parts: Towards building a UNRMS for sustainable resource management | Scott Foster, UNECE; Igor Shpurov, GKZ, Russian Federation; Milan Grohol, DG-GROW, European Commission; Tunde Arisekola, AMREC; Fidel Juarez, CNH, Mexico; King Lee, WNA Moderator: Julian Hilton, Chair SDGs Delivery Working Group |
| 17:40 – 18:00 | Discussions | All |
| End of Day 1 of UNFC and UNRMS Workshop | | |
| Day 2: Tuesday, 30 April 2019 | | |
| 09:15 – 10:00 | Coffee – Sponsored by Jordanian Uranium Mining Company (JUMCO) | |
| Leveraging resource efficiency | | |
| Chair and Facilitator: David MacDonald, Chair, EGRM | | |
| 10:00 – 10:10 | Opening Remarks | David MacDonald, BP and Chair, EGRM |
| 10:10 – 10:40 | Keynote presentation: Innovation, raw materials and moving towards circularity | Karen Hanghøj, CEO, EIT Raw Materials |
| 10:40 – 11:00 | How UNFC helps with circularity: Introduction and Overview of UNFC Anthropogenic Specifications | Soraya Heuss-Aßbichler, LMU Munich, Germany |
| 11:00 – 11:20 | Material recovery from waste incineration residues: A UNFC case study on project development in the Canton of Zurich, Switzerland | Sandra Mueller, University of Applied Sciences and Arts Northwestern Switzerland, Switzerland |
| 11:20 – 11:40 | Resource management at the national level: the case of Austria’s Phosphorus use | Helmut Rechberger, Technische Universität Wien, Austria |
| 11:40 – 12:00 | Striving towards a Circular Economy for Phosphorus: The role of Phosphate Rock Mining | Bernard Geissler, Danube University Krems, Austria; Gerald Steiner, Danube University Krems, Austria; Ludwig Hermann, Proman Management GmbH, Austria; and Michael Mew, CRU International, United Kingdom |
| 12:00 – 12:20 | Valuable energy materials from phosphate rocks | Nils Haneklaus, RWTH Aachen University, Germany |
| 12:20 – 12:40 | Advanced bioenergy based on forest and agricultural residues: Where is the biomass? | Sebastien Haye, E4Tech |
| 12:40 – 13:00 | Discussions | All |
| 13:00 – 15:00 | Lunch Break (delegates own arrangements) | |
| 14:15 – 15:00 | Coffee – Sponsored by Sullivan & Cromwell LLP | |

Sustainable resource management: Challenges and opportunities

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| 15:00 – 15:20 | Kazakhstan's Classification of Subsoil Resources: Potential harmonization to UNFC | Akbatyr Nadyrbayev, Chairman, Committee of Geology and Subsoil Use, Kazakhstan |
| 15:20 – 15:35 | Consistency of statistical reporting with the concepts of UNFC and UN-SEEA in Kazakhstan | Georgiy Freiman, National Consultant, Kazakhstan |
| 15:35 – 15:50 | Main obstacles for improving the quality of data on energy and mineral resources of the Republic of Serbia | Radoslav Vukas, National Consultant, Serbia |
| 15:50 – 16:05 | Recommendations for the improvement of energy and mineral resource statistics in Kyrgyzstan | Dmitriy Plaksin, National Consultant, Kyrgyzstan |
| 16:05 – 16:20 | Mineral resources official statistics: Gaps, challenges and recommendations on improving the quality of resource information | Boban Jolovic, National Consultant, Bosnia and Herzegovina |
| 16:20 – 17:00 | Strengths and challenges in environmental – economic accounting of energy and mineral resource information in South-eastern Europe and Central Asia | Robert Smith, Midsummer Analytics, Canada |
| 17:00 – 17:20 | Unified classification for renewable energies – why it matters and added value | Frank Denelle, Renewable Energy Working Group |
| 17:20 – 17:50 | Discussions | All |
| 17:55 – 18:00 | Closing Remarks | David MacDonald, BP and Chair, EGRM |

End of Item 4: Close of UNFC and UNRMS Workshop