

To: Members of the Bureau of the UNECE Expert Group on Resource Management

From: David MacDonald, Charlotte Griffiths, Slavko Solar and Hari Tulsidas

Call of the Bureau of the Expert Group on Resource Management (EGRM)
Via Teams - 15:00 CET, 8 December 2022
MINUTES

Attendance

	Present	Apology
David MacDonald, EGRM Chair	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Igor Shpurov, Russian Federation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>Alternates</i> Olga Trofimova and Ekaterina Lovchuk and Marina Kuznetcova		
Hussein Allaboun, Jordan	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Viktor Babashev, Kazakhstan	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Andrew Cross, Australia	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Roger Dixon, CRIRSCO	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mücella Ersoy, Turkey	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Gioia Falcone, IGA	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Nurangiz Farajullayeva, Azerbaijan	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sarah Forbes, United States of America	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Milan Grohol, EC	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>Alternate</i> Robert Tomas		
Karen Hanghoj, United Kingdom	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Zoltán Horváth, EuroGeoSurveys	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Erika Ingvald, Sweden	<input checked="" type="checkbox"/>	<input type="checkbox"/>
JU Jianhua, China	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>Alternate</i> YANG Hua		
Branka Knežević, Bosnia and Herzegovina	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Stig-Morten Knutsen, Norway	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Young Joo Lee, CCOP	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Alternate</i> Songyang WU	<input type="checkbox"/>	<input type="checkbox"/>
Luis Lopez, OLAMI	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rafal Misztal, Poland	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Marit Kitaw, AUC	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Alternate</i> Tunde Arisekola	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Henri Paillere, IAEA	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>Alternate</i> Adrienne Hanly		
Teresa Ponce de Leão, Portugal	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ulises Neri, Mexico	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Glen Burrige, EFG	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bernard Seiller, SPE	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Satinder Purewal, TAG Co-Chair	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Alexander Shpilman, TAG Co-Chair	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Charlotte Griffiths, UNECE	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hari Tulsidas, UNECE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Slavko Solar, UNECE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walker Darke, UNECE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Steven Lagare, UNECE	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Guests

Serge van Gessel, Chair, Injection Projects Working Group	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Alex Lopatin, GKZ	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Draft Agenda

1. Approval of Draft Agenda (attachment 1)
2. Minutes of Bureau call of 11 Oct 2022 (attachment 2)
3. Presentation by Russian Federation on CO Storage Methodology [presenter Alex Lopatin, GKZ]
4. EGRM-13, 25 October 2022: Key messages and achievements
5. Key messages and achievements from other recent events:
 - (a) Towards COP27: UNECE Regional Forum on Climate Initiatives (Geneva, 17 Oct.)
 - (b) COP 27: Official Side Event: A global sustainability framework for critical raw materials (Sharm El Sheikh, 8 Nov.)
 - (c) Intergovernmental Forum on Mining, Minerals, Metals and Sustainable Development: Side Event on “Transforming Extractive Industries for Sustainable Development” (Geneva, 10 Nov) (attachment 3)
 - (d) EU Raw Materials Week: 5th Session on UNFC and UNRMS (Brussels, 15 Nov.)
6. EGRM-14
 - (a) Bureau elections (attachment 4)
 - (b) Theme
 - (c) Provisional Agenda (attachment 5)
 - (d) Documents planned (attachment 6)
 - (e) Draft outline for EGRM-14 Week
7. UNRMS Update (attachment 7)
8. TAG Update
 - (a) TAG meeting (2 Dec. 2022)
 - (b) Groundwater Working Group Chair Nomination (attachment 8)
9. Update on Energy Resiliency Platform (attachment 9)
10. Update on Implementation of XB projects
 - (a) EC-funded project on UNFC and UNRMS
11. Education and outreach (attachment 10)
 - (a) IRTC Conference: Workshop on UNFC & UNRMS, 14-15 Feb 2023, Lille, France
 - (b) Asia-Pacific Forum on Sustainable Development (APSD): Session on Critical Minerals in Asia-Pacific, 28-31 March 2023, Bangkok and Hybrid
12. Date of next call
13. Any other business

Documentation:

1. Draft agenda for Bureau Call on 8 Dec. 2022
2. Draft minutes of Bureau Call of 11 Oct. 2022
3. Report of 18th IGF AGM, 8-10 November 2022
4. EGRM Bureau Contact List
5. EGRM-14 Provisional Agenda
6. Proposed list of parliamentary documents for EGRM-14
- 7.a Updated UNRMS Principles and Requirements Clean Version
- 7.b Updated UNRMS Principles and Requirements Track Changes
8. CV of Peter van der Keur
9. Energy Resiliency Platform (Slide deck)
10. List of events in 2022 and 2023

Item 1. Approval of Draft Agenda

Documentation: Draft agenda for Bureau Call on 8 Dec. 2022

1. The agenda was approved.

Item 2. Draft minutes of Bureau call of 11 October 2022

Documentation: Draft minutes of Bureau call of 11 October 2022

2. The Draft minutes of the Bureau call of 11 October 2022 were circulated on 28 November.

3. The Draft minutes were approved

Item 3. Presentation by Russian Federation on CO₂ Storage Methodology [presenter Alex Lopatin, GKZ]

Documentation: RF GKZ CCUS Presentation 8 December 2022

4. The EGRM Working Group on Injection Projects was invited to participate for agenda item 3.

5. Alex Lopatin delivered a presentation on the Russian Federation's CO₂ Storage Methodology and how it relates to UNFC and ISO 27914 standards. The presentation was circulated to the Bureau and the Injection Projects Working Group on 15 December 2022.

6. Igor Shpurov proposed to undertake a case study and, in the future, a bridging document. The case study would include a description of all the documents within UNFC.

7. During the presentation, having a UN certification process was mentioned, which raised concerns by some Bureau Members since UNFC is a classification tool whose purpose is not certification. It was clarified again that EGRM will not participate in any certification process. The role of EGRM is to provide information. Governments, based on this data, create policies.

8. The presentation also mentioned using this certification process through the International Centre of Excellence, which in this case, would be appropriate.

9. Another concern was raised about the eligibility of those using UNFC. Some Bureau members indicated their view that users of UNFC should have specific qualifications.

10. Similar to the previous issue, it was clarified that EGRM's role is not to issue certificates to individuals.

Item 4. EGRM-13, 25 October 2022: Key messages and achievements

11. EGRM-13 was held on 25 October 2022 as a hybrid meeting.

- EGRM-13 was attended by more than 160 experts
- There are growing applications of UNFC and UNRMS and their deployment in the UNECE region and beyond.
- The Expert Group has evolved into a rich source of expertise for sustainable resource management.
- A summary overview of EGRM-13's achievements was provided:
 - 18 technical documents, including:
 - UNRMS: Principles and Requirements
 - UNFC – Common Glossary; Updated Geothermal Specifications
 - UNFC BDs – updated Chinese Minerals and Petroleum BDs
 - Draft Guidance for the Application of UNFC for Mineral and Anthropogenic Resources in Europe
 - Draft Governance Guidelines related to Environmental and Social Factors in Resource Classification and Management
 - Draft Guidance for the application of UNFC to Coal Bed Methane
 - Guidance for applying UNFC to Commercial Assessments
 - Guidance Note on Competency Requirements for the Estimation, Classification and Management of Resources
 - UNRMS concepts – CRMs dashboard; Resources as a Service
 - Case studies – Austria, Germany, Norway, Sweden, and UK.

Item 5. Key messages and achievements from other recent events

Documentation: Report of 18th IGF AGM, 8-10 November 2022

(a) Towards COP27: UNECE Regional Forum on Climate Initiatives (Geneva, 17 October)

12. The UNECE Regional Forum was organized by UNECE in partnership with the incoming Egyptian Presidency of COP27 and the United Nations Climate Change High-Level Champions for COP26 and COP27.

13. The availability of critical raw materials as a fundamental condition for the green transition was highlighted.

14. A compendium of 30 projects was presented. These projects ranged from renewable energy production to means of energy storage, from critical raw materials to waste and digitalization (worth a total of \$10 billion), as well as two additional multi-billion initiatives on green hydrogen and green ammonia.

15. The key messages from the event were summarized:

- (i) The focus countries of the UNECE Regional Forum (17 emerging economies in the UNECE region) have significant potential for improving energy efficiency, expanding renewable energy deployment and moving towards decarbonization of industry and transport.
- (ii) A resilient, sustainable and ethical supply of critical raw materials (such as lithium, nickel, copper, cobalt, manganese, graphite and rare earth elements) is essential for clean energy, a transition to more sustainable mobility and digital transformation. The green transformation is already driving a massive increase in the demand for these minerals.
- (iii) The production, refining and use of these materials in low-carbon technologies will require billions of dollars' worth of financing and collaboration between the private and public sectors. Recycling and implementing other circularity principles can contribute to meeting the demand for critical raw materials.
- (iv) All stakeholders must cooperate to share relevant information and knowledge about the environmental, social and governance (ESG) dimensions of critical raw material supply chains and ultimately improve their ESG performance.

(b) COP27: Official Side Event: A global sustainability framework for critical raw materials (Sharm El Sheikh, 8 November)

15. The key messages from the event were summarized:

- (i) Growth: The demand for the critical minerals and metals needed for the energy and green transition is expected to grow exponentially over the next two decades.
- (ii) International cooperation: Climate change respects no borders. Hence, international collaboration is needed to ensure access to critical minerals and metals as we collectively move towards achieving the Paris Agreement.
- (iii) Accelerate Sustainable Development: We must use the energy transition to accelerate sustainable development in resource-rich developing countries.
- (iv) Social: Human rights, including the right to a healthy environment, must guide the energy transition and accelerated resource extraction.
- (v) Environmental: The extractive sector must move to a greener, circular, low-carbon trajectory.

16. UNECE recommends establishing an international UNRMS-based CRMs information dashboard, which can be accessed by governments, industry members and anyone with information to share with others worldwide.

17. Over forty raw materials are essential for the energy transition. The supply of these materials will have to be assured by many primary sources, which will be produced usually as co- or by-products, and secondary sources such as mine tailings and wastes.

18. By-products are usually taken as a bonus in producing primary minerals. Hence, proper accounting of the reserves/resources, production, cost estimates, and social and environmental implications are not available.

19. A range of social issues often bogs down critical raw material projects. Challenges with large-scale mining, chemically intensive processing, vast quantities of waste created, rights of the indigenous populations, issues related to children and women and human rights make the projects challenging.

20. To attract investment, including private finance, into the sector, it is also critical to deploy Environmental, Social and Governance (ESG) funding based on common sustainable finance taxonomy and principles.

21. A standardized and harmonized approach to CRM production focusing on Environmental, Social and Governance (ESG) aspects at a global level will be essential to ensure the sustainable supply of CRMs. A sustainability framework suitable for CRMs is not yet available globally but is urgently needed.

(c) Intergovernmental Forum on Mining, Minerals, Metals and Sustainable Development: Side Event on “Transforming Extractive Industries for Sustainable Development” (Geneva, 10 November)

22. The mining industry is expected to experience significant growth in the near future. This growth will differ from the previous one in terms of the following:

- (i) The type of minerals and geographical location, a new focus on the global south industrialization and partnership are required.
- (ii) Different knowledge requirements.
- (iii) Stronger ESG focus.
- (iv) More pressure on the timelines.

23. Countries expressed their need for:

- (i) Geological data availability
- (ii) Improved regulatory framework
- (iii) Capacity-building.

24. An associated event, the Global Battery Alliance AGM, focused on critical raw materials and value chain sustainability, was also held.

(d) EU Raw Materials Week: 5th Session on UNFC and UNRMS (Brussels, 15 November)

25. At the EU Raw Materials Week 2022 (RMW), the 5th Session on UNFC and UNRMS was organized by DG GROW, EuroGeoSurveys and UNECE on 15 November.

26. After the welcome speeches by DG GROW, UNECE and EuroGeoSurveys, the first session included presentations from EU Member States (France and Finland) and other stakeholders expressing commitment to using UNFC.

27. In the second part of the event, the world’s current state was presented with future plans by UNECE and two EU Horizon projects (Geological Service for Europe and FutuRaM). In the afternoon, the FutuRaM project organized a Workshop on using UNFC for secondary raw materials.

28. During RWM, the secretariat participated in many side meetings with different stakeholders (DG GROW, Member States, EU projects that will have UNFC in their work programme in Europe and Africa, and other stakeholders).

29. One of the overarching themes during the EU Raw Materials Week was preparation for the EU Critical Raw Materials Act, which could include the use of UNFC in Europe.

Item 6. EGRM-14

Documentation:

- EGRM Bureau Contact List
- EGRM-14 Provisional Agenda
- Proposed list of parliamentary documents for EGRM-14

(a) Bureau elections

30. Elections will be held for most EGRM Bureau members, i.e. all but Branka Knežević, Victor Babashev and JU Jianhua. Nominations are being sought for the position of Chair and Vice-Chairs.

31. An updated EGRM Bureau contact list was circulated as part of the documentation for the call. Any needed modifications should be transmitted to Charlotte Griffiths.

(b) Theme for EGRM-14

32. The proposed theme for EGRM-14 is **Assuring Sustainability in Resource Management – accelerating the implementation of UNFC and deploying UNRMS**. There was support for this by Bureau members.

(c) Provisional Agenda (attachment 5)

33. The draft outline for the provisional agenda was circulated as part of the documentation for the call.

34. The main themes of the provisional agenda are the following:

- (i) Deploying UNFC in Europe and beyond to ensure the information for sustainable resource management
- (ii) Critical Raw Materials Supply: Towards a new model for global collaboration
- (iii) UNRMS: Sustainable Resource Management Transformation Pathway to 2030
- (iv) UNFC Development and Implementation Roadmap: The next five years
- (v) International Centres of Excellence on Sustainable Resource Management.

35. There was support for the agenda items by Bureau members. The provisional agenda needs to be finalized by the end of January 2023.

(d) Documents planned (attachment 6)

36. The current documents forecast for EGRM-14 includes 15 parliamentary documents that need to be submitted by early February if they are to be translated into French and Russian. The list was outlined:

- 1) Provisional Agenda
- 2) EGRM-14 Meeting Report
- 13 Substantive documents**
- 3) Draft EGRM work plan for 2024-2025
- 4) EGRM Realignment Proposal and revised mandate and ToR for EGRM
- 5) Revised UNFC-PRMS Bridging Document
- 6) Update: Resources as a Service
- 7) Updated Injection Projects Specifications
- 8) Update: Sustainable management of critical raw materials required for the low-carbon energy transition
- 9) Concept Note: Application of UNFC to Hydrogen Projects
- 10) RF Updated Bridging Documents
- 11) **Case Study:** Application of UNFC to Titanium
- 12) **Case Study:** CRMs and Resources as a Service
- 13) **Case Studies** for application of UNFC and UNRMS for Environmental, Social and/or Governance
- 14) **Case Study:** Ukraine CRMs and/or Albania Geothermal
- 15) **Case Studies:** Chinese Bridging Documents

37. David Elliott's document "The Structure of the Resource Supply System" is potentially one of the English-only room documents.

38. The drafting and the approval process by the TAG and Bureau of all these documents represents a great amount of work. It was noted that the documents forecast can be amended up to 14 weeks prior to the meeting. Document titles can be amended and documents can be deleted from the forecast. The maximum number of documents cannot exceed the original submission, i.e. 15 documents.

(e) Draft outline for EGRM-14 Week

39. EGRM-14 will take place in Geneva, **25-28 April 2023**. It will be an in-person-only meeting as part of the UNECE Resource Management Week 2023.

40. The first 1.5 days will be in a seminar format, and the last 2.5 days will be in the usual EGRM format with presentations on the outputs of the various work streams and approval of documents etc. EGRM-14 will open with a 1.5-day seminar starting at 10 am on Tuesday 25 April. The focus will be on: **Deploying UNFC in Europe and beyond to assure information for sustainable resource management**

41. The last 2.5 days will be devoted to the usual EGRM annual meeting items, including sessions on:

- (i) Critical Raw Materials Supply: Towards a new model for global collaboration in collaboration with the UN WG on Transforming Extractive Industries for Sustainable Development
- (ii) EGRM mandate, realignment and work programme 2024-2025
- (iii) UNRMS: Sustainable Resource Management Transformation Pathway to 2030
- (iv) UNFC Development and Implementation Roadmap: The next five years: TAG and Working Groups updates
- (v) International Centres of Excellence on Sustainable Resource Management. Deployment of UNFC and UNRMS globally.

42. A number of keynote addresses are planned. Bureau members are encouraged to propose speakers.

43. There is also a proposal to organize two lunchtime events on Wednesday and Thursday (26-27 April).

44. The EGRM-14 sessions will be from 10-13 hrs and 15-18 hrs Geneva time. The lunchtime sessions are proposed to be from 13.45 to 14.45 hrs.

Item 7. UNRMS Update

Documentation: Updated UNRMS Principles and Requirements (track change and clean versions)

45. The UNRMS Principles and Requirements public comment closed on 30 November. It was open for 60 days. About 100 comments were received from 15 experts. All non-substantive comments were addressed in the current text and the document is now finalized for publication. The updated UNRMS Principles and Requirements document, both clean and track changes versions, were circulated as part of the documentation for the call. The document will be submitted for publication shortly as an official UNECE publication.

46. The document has been developed since 2018, with several concept notes and draft versions. Three well-attended workshops and a public survey were organized to get inputs for the preparation of this document. Its finalization is an important milestone for EGRM. All previous concept notes, background documents and workshop presentations are now on a dedicated web page on the UNECE website.

47. The document will be submitted to the 70th UNECE Commission Session, 18-19 April 2023, for approval. If approved, it will be forwarded to ECOSOC for approval later in the year. The draft decision for endorsement by the Commission was approved by the UNECE Executive Committee on 30 November.

48. Some good substantive comments were received. They are tabulated and will be considered in the next phase of UNRMS development to make the Principles operational. UNRMS will be progressively developed as a suite of tools which will look into diverse aspects of resource management.

49. UNRMS was presented and discussed at several recent meetings, including the official side event on critical raw materials at COP27 on 8 November 2022 and at the Annual Meeting of the Intergovernmental Forum on Mining, Minerals, Metals and Sustainable Development on 10 November 2022.

50. Three concept notes providing ideas on future additional tools required for UNRMS were published in 2022. Early in 2023, the UNRMS Sub-group will meet and review plans for the next phase of UNRMS development and deployment. The plan is to continue with documentation development and also outreach through workshops. A number of case studies are in progress. Additional case studies would be welcomed.

51. The TAG Co-Chair, Alexander Shpilman, drew attention to the “Resources as a Service” concept. A dialogue ensued; the Bureau observed that “Service orientation in the use and reuse of resources”, as discussed at EGRM-13, is more understandable, and this wording should be used in the document. The Chair agreed that “Service orientation in the use and reuse of resources” is the preferred language for inclusion in the UNRMS Principles and Requirements document.

Item 8. Technical Advisory Group Update

Documentation: CV of Peter van der Keur

(a) TAG meeting (2 Dec. 2022)

52. An update on the current activities of TAG and the Working Groups (WGs) was provided:
- (i) **Petroleum WG:** Finalizing the Russian Federation Bridging Document update. PRMS to UNFC Bridging Document update has been finalized, and the draft has been sent to the SPE OGRC for comments.
 - (ii) **Minerals WG:** Working to establish a task force with CRIRSCO to update the CRIRSCO Template to UNFC Bridging Document. The WG has also been participating in the development of the EU UNFC Guidance document.
 - (iii) **Anthropogenic Resources WG:** Yet to start work on the update of the Specifications. Some WG members are involved in creating a database, including tailings classified with existing classification systems. The FutuRaM project, a HORIZON Europe project on the future availability of secondary raw materials, includes a number of Anthropogenic Resources WG members. Planning to organize a workshop during the UNECE Resource Management Week 2023.
 - (iv) **Nuclear Resources WG:** The WG has been expanded to include more uranium miners and power utilities (Cameco, Namibian Uranium Association, CGNPC Uranium Resources, EDF, Constellation Energy Corporation etc.). Participated at the UN official side event and other events to promote UNECE activities and UNFC/UNRMS at COP27. Working with the Commercial Applications WG to engage with ISSB to use UNFC/ UNRMS. In particular, the aim is to promote the use of UNRMS by industry.
 - (v) **Groundwater WG:** Participated in the International Water Association Congress and Exhibition in Copenhagen, 12-15 September, and introduced a draft UNFC to outside professionals. Participated in the UN Groundwater Summit Side-Event on 6 December in Paris. UNFC was part of a session on ‘How research and innovation can contribute to solving groundwater challenges and accelerating transitions.’ Working on finalizing the draft UNFC Groundwater Specifications. Exploring possibilities to work with the International Hydro Association.
 - (vi) **Injection Projects WG:** Updating the specifications and, in particular, to include hydrogen
 - (vii) **Social and Environmental Consideration WG:** Working on case studies.
 - (viii) **Commercial Application WG:** Continuing to work with IASB/ISSB on adopting UNFC.
 - (ix) **Competency WG:** Will start work on Continuing Professional Development guidance and training procedures to be conducted by the ICE-SRMs.
 - (x) **SDGs Delivery WG:** continuing to develop the Blockchain/AI framework for UNRMS.
 - (xi) **Women in Resource Management:** Expanding the WG, in particular with mining experts. Planning to organize two webinars by April 2023.

(b) Groundwater Working Group Chair Nomination

53. Peter van der Keur, who is a Senior Scientist with the Department of Hydrology at the Geological Survey of Denmark and Greenland (GEUS), has been nominated to take over as Chair of the Groundwater Working Group. A short CV for Peter was shared with the Bureau on 28 November as part of the documentation for this meeting.

54. Peter would replace Kevin Parks, who has stepped down as Chair but has indicated that he will remain involved in the WG.

55. Bureau members supported Peter’s nomination and thanked Kevin Parks for his tireless support and dedication during his time as Chair of the Groundwater WG.

Item 9. Update on Energy Resiliency Platform

Documentation: Energy Resiliency Platform (Slide deck)

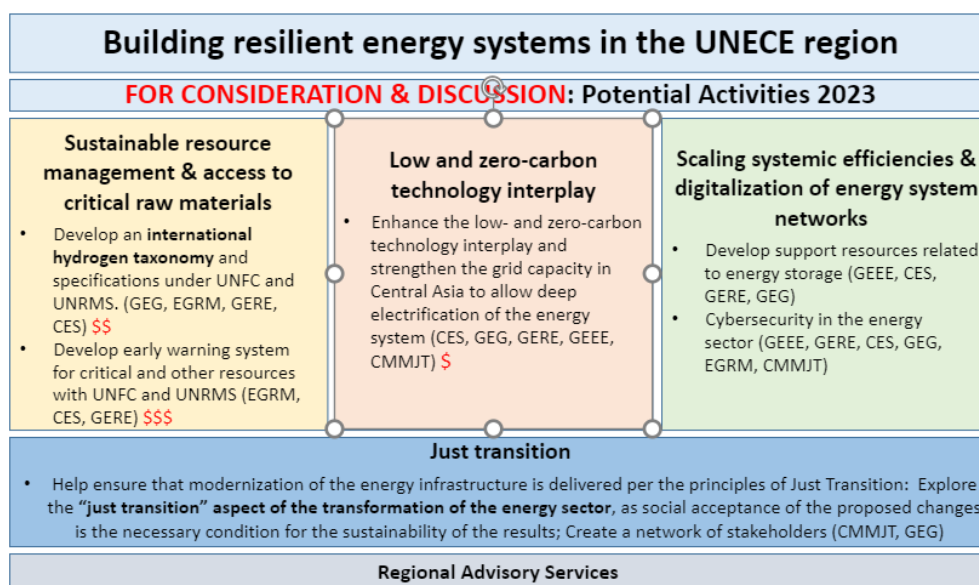
56. The Committee on Sustainable Energy, at its 31st Session (CSE-31) in September, agreed on the priorities for the Sustainable Energy Division and the Committee for 2023. These are:

- (i) Enable a hydrogen ecosystem
- (ii) Provide targeted support to build resilient energy systems in Central Asia
- (iii) Accelerate Sustainable Resource Management
- (iv) Build Resilient Energy Systems: ECE Platform.

57. At CSE-31, the Committee:

- (i) Agreed to prioritize and implement special activities that help ECE member States coordinate and promote efforts related to energy resilience across the UNECE region, providing an ECE Platform on Resilient Energy Systems for inclusive dialogue.
- (ii) Requested that, in the coming months, the Bureau of the Committee, in cooperation with the secretariat, develop a work plan for the special activities to be organized under the Platform that was identified at the session and can be done with the existing budget plus a proposed budget for additional activities identified, post these to the website and report on progress at the thirty-second session of the Committee.
- (iii) Integrate resiliency considerations into expert group work planning and develop relevant resources for member States
- (iv) Work collaboratively across expert groups.

58. A slide summarizing the potential activities to be conducted under the ECE Platform on Resilient Energy Systems was shared:



* \$\$ indicates the requirement for extrabudgetary funding.

59. EGRM will need to include activities to support the Resilient Energy Systems Platform in its work plan for 2024-2025.

60. The presentation on the four priorities that was presented to the Committee Bureau at its meeting on 29 November was included as part of the documentation for the call.

Item 10. Update on Implementation of XB projects

(a) EC-funded project on UNFC and UNRMS

61. Since the last Bureau call, the two main activities have been linked to:

- Development of the UNFC Guidance Europe document
- Organization of the 5th UNFC and UNRMS event at the Raw Materials Week on 15 November in Brussels.

62. The current focus is on:

- Preparation for the 1.5-day seminar during the UNECE Resource Management Week 2023, together with experts from the ongoing EU project and DG GROW and planning other activities for 2023.
- Continuation of UNFC Guidance Europe activities: a paper on the importance of UNFC for national resource management and its implications on European raw materials security is currently being developed.
- Planning other project activities for 2023.

Item 11. Education and outreach

Documentation: List of events in 2022 and 2023

63. A list of events at which UNFC and/or UNRMS were presented or promoted in 2022 was included as part of the documentation for the call. A list of upcoming events in 2023 was also included.

64. The two following events were flagged for promotion:

(a) IRTC Conference: Workshop on UNFC & UNRMS, 15-17 Feb 2023, Lille, France

65. The network “International Round Table on Materials Criticality” (IRTC), funded by EIT RawMaterials, will organize a conference called “IRTC 2023 – Raw Materials for a Sustainable Future” in Lille, France, 15-17 February 2023.

66. This conference will focus on the essential role raw materials play in the economic and technological development of, among others, the renewable & digital transition. At the same time, the supply of many raw materials heavily depends on precarious and unsustainable supply chains.

67. IRTC 2023 will bring together leading international experts, practitioners and participants to exchange perspectives, engage in in-depth discussions on assessing and managing raw materials and criticality and explore the potential of different strategies to secure supply.

68. There will be a UNFC and UNRMS Workshop on 15 February. The secretariat is working on the details of the programme,

(b) Asia-Pacific Forum on Sustainable Development (APSD): Session on Critical Minerals in Asia-Pacific, 28-31 March 2023, Bangkok and Hybrid

69. The Asia-Pacific Forum on Sustainable Development (APFSD) is an annual, inclusive intergovernmental forum to support the follow-up and review of progress on the 2030 Agenda for Sustainable Development and the Sustainable Development Goals (SDGs) at the regional level while serving as a regional preparatory meeting to the High-Level Political Forum (HLPF).

70. The Forum provides a regional perspective on implementing the 2030 Agenda for Sustainable Development by identifying regional trends and sharing best practices and lessons learned. Since its inaugural session in 2014, the APFSD has brought governments, civil society, the private sector, and other stakeholders together to prepare for the HLPF and to support regional efforts to accelerate the implementation of the 2030 Agenda.

71. The 10th APFSD will be organized from 27-30 March 2023 and will have a session on Critical Raw Materials jointly organized by ESCAP and UNECE,

72. ESCAP requested help from UNECE to organize the session, as the two entities share 11 countries as common members. This cooperation will ensure that Central Asia will be well represented due to the extensive knowledge of the region provided by UNECE.

LinkedIn Page

73. A LinkedIn page for the Sustainable Energy Division went live in August. Over 55 posts have been published since 23 August. The posts have been viewed over 15,000 times.

74. The LinkedIn page is accessible using this link: <https://www.linkedin.com/showcase/unece-sustainable-energy/>

75. Four 2-pager leaflets/brochures were prepared to promote UNFC, UNFC across resources, unofficial translations of UNFC-2019 and UNFC Guidance Europe.

76. All Bureau Members are encouraged to follow the LinkedIn page to promote the work of UNFC and UNRMS.

Item 12. Date of next call

77. The weeks of 16 and 23 January 2023 are proposed. The regular availability message will be issued.

Item 13. Any other business

78. No other business was raised.
