

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 CEST, 5 September 2022
MINUTES

Attendance:

| | Present | Apology |
|--|-------------------------------------|-------------------------------------|
| David MacDonald, EGRM Chair | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Igor Shpurov, Russian Federation (not present) <i>Alternates</i> Olga Trofimova and Ekaterina Lovchuk (<i>present</i>) and Marina Kuznetcova | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Tunde Arisekola, Nigeria | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Hussein Allaboun, Jordan | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Viktor Babashev, Kazakhstan | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Andrew Cross, Australia | <input type="checkbox"/> | <input checked="" 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 checked="" type="checkbox"/> | <input 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 <i>Alternate</i> Robert Tomas | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Karen Hanghoj, United Kingdom | <input type="checkbox"/> | <input checked="" 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 (not present) <i>Alternate</i> YANG Hua (present) | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 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 <i>Alternate</i> Songyang WU | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Luis Lopez, OLAMI | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Jennifer McCoy, Ernst & Young | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Rafal Misztal, Poland | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Frank Mugyeyni, AUC | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Henri Paillere, IAEA <i>Alternate</i> Adrienne Hanly | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Teresa Ponce de Leão, Portugal | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Ulises Neri, Mexico | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Glen Burridge, EFG | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Bernard Seiller, SPE | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Satinder Purewal, TAG Co-Chair | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Alexander Shpilman, TAG Co-Chair | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Charlotte Griffiths, UNECE | <input checked="" type="checkbox"/> | <input 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"/> |
| Duanxia Xu, UNECE | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Draft Agenda

1. Approval of Draft Agenda (attachment 1)
2. Minutes of Bureau call of 14 June 2022
3. Rescheduled EGRM-13, 25 October 2022
 - (a) Draft agenda (attachment 2)
 - (b) Draft Conclusions and Recommendations (attachment 3)
 - (c) EGRM-13 parliamentary documents including Updated Geothermal Specifications
 - (d) Bureau elections/nominations
4. EGRM realignment (attachment 4)
5. EGRM-14
 - (a) Documents forecast (attachment 5)
6. Committee on Sustainable Energy 31st Session
 - (a) Modernizing Resource Management Session
 - (b) CRMs and Resources as a Service Parliamentary Documents
 - (c) Hydrogen Session
 - (d) Conclusions and recommendations from EGRM
7. UNRMS Subgroup update
 - (a) Workshop on 7 September
8. Technical Advisory Group Update
9. Update on Implementation of EC UNFC-UNRMS XB Project
 - (a) Guidance on Application of UNFC to Mineral and Anthropogenic Resources in Europe
10. ICE-SRM Updates
11. UNECE Regional Forum on Climate Initiatives to Finance Climate Action and the SDGs
12. Education and outreach
 - (a) EGRM Newsletter
 - (b) Website – FAQ page
 - (b) Infographics
 - (c) Conferences in 2022 (attachment 6)
13. Sinegon online UNFC reporting system
14. Date of next call
15. Any other business

Documentation:

1. Draft agenda for Bureau Call on 5 September 2022
2. Draft minutes of Bureau Call of 14 June 2022
3. EGRM-13 Provisional Draft Agenda
4. EGRM-13 Draft Conclusions and Recommendations
5. Revised EGRM Realignment Proposal
6. EGRM-14 Documents Forecast Draft
7. List of events promoting UNFC in 2022-2023 as at 31 August 2022
8. 20220905 TAG Update for EGRM Bureau
9. CSE-31-2022-INF.1 DRAFT Conclusions and Recommendations v5

Item 1. Approval of Agenda

Documentation: Draft agenda for Bureau Call on 5 September 2022

1. The agenda was approved.

Item 2. Draft minutes of Bureau calls of 21 April 2022

Documentation: Draft minutes of Bureau Call of 14 June 2022

2. The draft minutes of the Bureau call of 21 April 2022 were circulated by email. No comments were provided. The minutes have been posted.

Item 3. Rescheduled EGRM-13

(a) Draft agenda

Documentation: EGRM-13 Provisional Draft Agenda

3. The provisional agenda for EGRM-13 was circulated to the Working Group Chairs on 26 August with comments due by 4 September. A few comments were received, and the proposed revisions are included in the draft sent out as part of the documentation for the call.

4. EGRM-13 will be held on 25 October and will comprise two two-hour sessions. This reduced time is because the meeting is hybrid. Due to the limited time, the proposal is that only issues such as approval of documents etc. be covered.

5. A recommendation on EGRM realignment will be raised at EGRM-13 but seeking approval will not be part of the agenda. That process will take more time. The proposal is to create an unofficial room document regarding EGRM realignment to present at EGRM-13.

(b) Draft Conclusions and Recommendations

Documentation: EGRM-13 Draft Conclusions and Recommendations

6. The draft Conclusions and Recommendations largely relate to the approval of documents.

7. Ekaterina Lovchuk raised a comment on the document "Guidance Note on Competency Requirements for the Estimation, Classification and Management of Resources" (ECE/ENERGY/GE.3/2022/4). The comments will be provided in writing and discussed by the Competency Working Group.

8. The Bureau members are requested to provide written comments and/or approval of the EGRM-13 Draft Conclusions and Recommendations by Thursday 22 September.

(c) EGRM-13 parliamentary documents including Updated Geothermal Specifications

9. The International Geothermal Association (IGA) UNFC Ad Hoc Committee led by Gioia Falcone has finalized the updated version of Geothermal Specifications. The draft of the Updated Geothermal Specifications is being reviewed by the TAG. The TAG will provide a recommendation to the Bureau together with the document. The intention is to submit it as an English-only parliamentary document for EGRM-13.

10. In Australia, the Queensland Government has passed the "Geothermal Energy Regulation 2022". This Regulation specifically includes the UNFC Geothermal Specifications. The Regulation was approved by the Governor in Council on 18 August 2022 and came into force on 1 September 2022. This makes Queensland the first jurisdiction in the world to formally mandate UNFC for geothermal classification and reporting, which is a significant milestone for UNFC and EGRM. UNECE intends to issue a Press Release or news article to announce the news.

(d) Bureau elections/nominations

11. As advised at the Bureau call on 14 June 2022, three Member State-supported nominations for re-election as Vice-Chairs have been received:

- Branka Knežević, Bosnia and Herzegovina
- Viktor Babashev, Kazakhstan

- JU Jianhua, China.

12. No new nominations have been received. For the elections that will take place in April 2023 at EGRM-14, the Chair, David MacDonald, confirmed that he will not stand for re-election as Chair. The Bureau will propose to EGRM to keep David MacDonald engaged in the Bureau either as a Vice-Chair, Chair Ex-officio or observer. If needed, the Terms of Reference can be adjusted and formalized by EGRM etc accordingly.

Item 4. EGRM realignment

Documentation: Revised EGRM Realignment Proposal

13. The EGRM Realignment Proposal was discussed at the last Bureau call on 14 June 2022. As agreed during that call, a number of modifications and clarifications have been made. The EGRM realignment proposal will be presented for discussion at EGRM-13 on 25 October.

14. The EGRM Realignment Proposal was intended to address the issue of limited secretariat resources to manage the growing workload to support the constantly expanding EGRM structure and create an EGRM structure that would be more effective and efficient.

15. The proposal is for the Bureau to be smaller with essentially only Member State representatives. TAG is proposed to be renamed as Operations Advisory Group (OAG) and will advise the Bureau on technical and non-technical activities associated with the implementation and development of tools that EGRM develops.

16. Gioia Falcone provided updates on International Geothermal Association (IGA):

- The current IGA Board is in place until May 2023 and then there will be new elections.
- The discussion on the current IGA UNFC Ad Hoc Committee to be made a permanent committee of the IGA was postponed to the next IGA Board Meeting in April 2023.

17. Suggestions to the revised EGRM Realignment Proposal were raised:

- Add additional clarifications on the relationship between the Bureau and OAG.
- Add additional clarifications on potential OAG members to indicate that organizations (e.g., IGA) and industry representations will be member of OAG. It was noted that if a Chair of a Working Group is a member of an industry association, then that industry association would be represented in the OAG. It was clarified that such members would only be considered representatives of their organizations if they are endorsed by their organizations. It was also clarified that only one representative could be appointed per institution to the OAG.

Item 5. EGRM-14

Documentation: EGRM-14 Documents Forecast Draft

(a) Documents forecast

18. EGRM-14 will take place in Geneva, 24-28 April 2023. It will be an in-person only meeting i.e. virtual participation will likely not be possible unless significant resources are found to pay for it. The meeting will be recorded, and the option of live streaming will be checked.

19. 10 parliamentary documents are proposed. A message was also circulated to all the Working Group Chairs requesting proposals for parliamentary documents by 14 September.

20. David Elliott is working on a paper, "The Structure of the Resource Supply System". Consideration will be giving to submitting it as an English-only parliamentary document or an unofficial room document.

21. As previously discussed in Bureau calls, the intent is to reduce the number of parliamentary documents for EGRM sessions. It will not be possible to discuss all the documents that were prepared for EGRM-13 on 25 October so several of them might be taken up during EGRM-14.

Item 6. Committee on Sustainable Energy 31st Session

(a) Modernizing Resource Management Session

22. A session on SRM will be held on 22 September from 10:00 to 11:00 am Geneva time. The session will highlight the work of the UN Working Group on Transforming the Extractive Industries for Sustainable Development, the importance of critical raw materials and managing them sustainably and the “Resources as a Service” concept. The session will be hybrid and registrations are required. David MacDonald will be present in Geneva and will Chair the session.

(b) CRMs and Resources as a Service Parliamentary Documents

23. The Committee on Sustainable Energy at its meeting in September 2021, requested EGRM to undertake several areas of work. As per para 36(e) of the meeting report “*noting that progress towards a more circular economy is crucial for sustainable management of natural resources, requested the Expert Group on Resource Management to explore alternative approaches such as ‘Resources as a Service’ to improve the efficiency of resource production and use, including the critical raw materials required for low-carbon energy transitions. Such activities could align with other similar principles such as ‘Energy as a Service’ and ‘Mobility as a Service’.*”

24. Based on the above request, two documents “Sustainable management of critical raw materials required for the low-carbon energy transition” and “Resources as a Service: A catalyst to accelerate the energy transition, safeguarding climate action targets within the circular economy” have been prepared for the 31st Committee Session. Both were circulated earlier to the Bureau and are now being revised based on comments received.

25. In view of the feedback, these documents will be submitted as “draft notes for discussion” for the 31st Committee Session. The “Resources as a Service” concept and the CRM document will both need further development and exploration. Case studies to test the concepts will also need to be prepared.

26. The “Resources as a Service” concept and CRM are major topics of discussion at UNECE, especially in the context of building resilient energy systems etc. These topics are also being discussed in other UN fora, including by the other Regional Commissions and at COP27. UNECE is well positioned with the background material to drive the discussions.

(c) Hydrogen Session

27. The Hydrogen Session will take place at 11am on Thursday 22 September at the 31st Committee Session. A proposal for a project on hydrogen taxonomy will be discussed. The idea is to develop UNFC specifications or guidelines for hydrogen classification and engage with UNRMS due to the complexity of the system.

28. Gioia Falcone proposed to prepare a guidance note that maps where hydrogen can find a space in UNFC and where more ad hoc specifications might be required.

29. A panel session is being organised in which experts from Group of Experts on Gas and EGRM will participate. Serge Van Gessel, Chair of the EGRM Injection Projects Working Group (and possibly Satinder Purewal) will participate in the panel discussions. David MacDonald or Serge Van Gessel may Chair this session.

(d) Conclusions and recommendations from EGRM

Documentation: CSE-31-2022-INF.1 DRAFT Conclusions and Recommendations v5

30. A number of conclusions and recommendations related to SRM will be presented to the Committee for consideration:

- Strengthening the development and implementation of UNFC and UNRMS, including the facilitation of ICE-SRMs.
- Expanding the concepts regarding CRMs and “Resources as a Service”.
- Endorsement of UNRMS Principles and Requirements and a recommendation to the Economic Commission for Europe to submit a draft decision to ECOSOC that would invite Member States of the United Nations, international organizations and the regional commissions to consider the possibility of taking appropriate measures to ensure the application of the UNRMS Principles and Requirements worldwide.
- Increasing the regular budget support for SRM work.

31. There will be informal consultations with member States on 6 September to discuss the draft conclusions and recommendations for the 31st Committee Session.

Item 7. UNRMS Subgroup update

(a) Workshop on 7 September

32. The Third UNRMS Workshop on 7 September at 11:00 CEST will focus on the two concepts of a CRM dashboard and Resources as a Service (RaaS), with case studies on RaaS. Over 350 people have registered to attend.

33. The Third UNRMS Workshop will include:

- Updates on what has been achieved so far on UNRMS development.
- Presentations from Frances Wall on UNRMS Simplified, from Sigurd Heiberg on progressing from UNFC to UNRMS, from Julian Hilton on UNRMS Resource as a Service module, from Simon Michaux on Critical Raw Materials Management, from Ulrich Kral on CRM Secondary resource management, and from Bob Felix on UNRMS for policymakers.
- Karen Hanghoj will moderate the panel discussion on Resource as a Service and Critical Raw Materials management scenarios.

34. The workshop was advertised in Mozambique by Teresa Ponce de Leão - there was significant interest in the event. It was proposed to start implementing UNRMS to have case studies to facilitate promotion.

Item 8. Technical Advisory Group Update

(a) TAG update

Documentation: 20220905 TAG Update for EGRM Bureau

35. Current activities and work plan of TAG are as follows:

- Minerals Working Group**: The WG is being reactivated. The WG will look into finalizing the CRIRSCO Template Bridging Document. It will also develop best practices and case studies for applying UNFC and UNRMS to mineral resources.
- Petroleum Working Group**: The WG has reviewed and provided comments back to the Author Team on the Bridging Document between UNFC and RF-2013. Additional revisions to the draft Bridging Document between UNFC and SPE PRMS have been completed. Currently being finessed before it will be circulated to the wider Petroleum WG and subsequently presented to the TAG. The role of SPE role in the final document is to be confirmed. The WG is considering case studies for the application of UNFC to petroleum projects, and integration between hydrogen and petroleum projects.
- Renewable Energy Working Group**: The Geothermal Specifications have been updated development thanks to the activities of the Geothermal Sub-group and the IGA UNFC Ad Hoc Committee. With regards to other renewable energy related specifications, a decision on the

timing and modalities of updating specifications is yet to be made. Case study development is ongoing in the Solar Subgroup.

(iv) **Injection Projects Working Group**: The WG is working on the following:

- Revision of the 2016 UNFC Specifications for Injection Projects to reflect UNFC (Update 2019)
- Bridging between UNFC Specifications for Injection Projects and the SPE CO2 Storage Resources Management System (SRMS)
- Gathering case studies for the application of UNFC Specifications for Injection Projects and evaluation of the SPE-SRMS bridging
- A review and revision of the decision trees (EFG axis) to support the application of UNFC Specifications for Injection Projects

All work is in progress but still in an early phase.

(v) **Anthropogenic Resource Working Group**: The WG is working on revising the specifications document for anthropogenic resources.

(vi) **Groundwater Working Group**: WG members are holding a technical workshop at the International Water Associations World Water Congress and Exhibition in Copenhagen, 11-15 September. The purpose of the workshop is to gather input from other water professionals on the draft UNFC Specifications for Groundwater and to show linkages to the SDGs. The WG is supporting the Geological Survey of France (BGRM) in a side-event proposed for the UN Groundwater Summit in Paris in December. This is a UN-sanctioned event on the path to the UN Water Conference in New York in March 2023. The WG support would be limited to an introduction to UNFC as a groundwater-management tool in the context of the French OneWater Programme and the EU Water4All Partnership. The WG is also working on case studies.

(vii) **Social and Environmental Considerations Working Group**:

Jim Jenkins has stepped down as Co-Chair since he has now completely retired. The Bureau noted with appreciation the support provided by Jim during his time as Co-Chair and a Working Group member. Claudio Virues will take over as the Chair. The WG has completed:

- Updated Environmental (E) and Social (S) principles and guidelines in resource classification and management
- Updated Environmental (E) and Social (S) specifications in resource classification and management
- New Governance (G) guidelines in resource classification and management – completed
- Best practice documents on technical, policy and legal aspects related to accommodating Environmental (E) and Social (S) for the management of resources in various sector
- Best practice documents on technical, policy and legal aspects related to accommodating Governance (G) for the management of resources in various sectors
- Inputs for the development of UNRMS requirements
- Case studies on the application of UNFC and UNRMS specifications and guidelines for Environmental (E) and Social (S) - under preparation
- Case studies on the application of UNFC and UNRMS specifications and guidelines for Governance (G)

The WG is planning case studies on application of UNFC and UNRMS specifications and guidelines for Environment (E), Social (S) or Governance (G).

(viii) **Sustainable Development Goals Delivery Working Group**: The WG is contributing to the UNRMS module entitled "Resources as a Service: A catalyst to accelerate the energy transition, safeguarding climate action targets within the circular economy."

(ix) **Commercial Applications Working Group**: The WG complemented earlier reports by submitting the following report for review and consideration by EGRM-13 "UNFC applied to Commercial Assessments – Guidance". There has been focus on the interactions necessary between project-based sustainability financial reporting at the jurisdictional level, the main concern of the UN and governments, and sustainability financial reporting at the enterprise

level pursued by securities regulators. These efforts are complementary and necessary in order for investors to have reasonable transparency with respect to the opportunities and risks throughout the reforms required to reach the climate and sustainable development goals.

The report was used as background to review the exposure drafts released by the US Securities and Exchange Commission and the International Financial Reporting Standards Foundation's International Sustainability Standards Board (ISSB) in the first half of the year. A comment was made by UNECE on the latter: "UNECE Comments on the International Sustainability Standards Board (ISSB) Sustainability Disclosure Standards Exposure Drafts on IFRS S1 General Requirements for Disclosure of Sustainability-Related Financial Information and IFRS S2 Climate-related Disclosures" which is posted to the IFRS website.

- (x) **Competency Working Group:** In 2021, the WG developed the "Guidance Note on Competency Requirements for the Estimation, Classification and Management of Resources". This Guidance Note was designed to be applied regardless of the resource or combination of resources being assessed, and it is posted on the EGRM-13 meeting page. The WG plans to organise a short workshop at EGRM-14 to present the Guidance to all delegates and promote its uptake. The WG also plans to participate actively in the development/assessment of training resources to be used by the Centres of Excellence (in the foreseen future).

36. TAG is developing a roadmap for updates of UNFC, specifications and the underlying documents. TAG was encouraged to progress the roadmap such that it could be presented to the Bureau prior to EGRM-14.

Item 9. Update on Implementation of EC UNFC-UNRMS XB Project

(a) Guidance on Application of UNFC to Mineral and Anthropogenic Resources in Europe

37. After the public consultation on the Guidance on Application of UNFC to Mineral and Anthropogenic Resources in Europe that ended on 9 June 2022, the review process to address the comments received is ongoing. The Review Team consists of six experts, including the Chairs of the Minerals WG and the Anthropogenic Resources WG, and UNFC practitioners. The process should be completed in time for the document to be ready for submission to ERGM-13 on 25 October 2022 as a room document.

38. The implementation of the 4-year European Commission-funded UNFC-UNRMS extrabudgetary project is continuing according to the work plan agreed with EC. Currently, in addition to the review of the Europe Guidance document, the main activities are the Annual Report for the second year of implementation and preparation of the half-day UNFC-UNRMS event during the EU Raw Materials Week on 15 November 2022. This event is organized in cooperation with DG GROW and EuroGeoSurveys.

Item 10. ICE-SRM Updates

(a) ICE-SRM Moscow

39. Unfortunately, the XB project approved by EXCOM in December 2021 on "Strengthening capacities of selected UNECE member States in sustainable and harmonious management of natural resources" has been blocked by member States. The project donor is the ANCO ICE-SRM Moscow. This is a four-year project that was due to start in the first quarter of 2022 with a total value of USD 2.736 million (or USD 547,000 per annum). It is hoped that the discussions at the next EXCOM meeting on 30 September will serve to "unblock" the project.

40. ICE-SRM Moscow is currently continuing to work on documents with the support of various stakeholders.

(b) ICE-SRM Mexico

41. A new Pemex Law that mandate actions in favor of sustainability and climate change was due to be presented to the Parliament of Mexico at the end of August but it was postponed. The proposed Law recognizes the ICE-SRM in Mexico as an entity that could assist the extractive and energy industries in Latin America, (both from the State and the private sector), in meeting their sustainability goals within the framework of the SDGs and the 2030 Agenda.

42. The Upper Chamber in the Parliament also published a [recommendation](#) to encourage the National Hydrocarbons Commission to modify/update its regulations in favor of the 2030 Agenda using standards such as UNFC.

(c) ICE-SRM UK

43. Establishment of an ICE-SRM with a focus on minerals is now under consideration in the UK. The secretariat will have initial discussions with UK Government representatives on 19 September.

(d) ICE-SRM China

44. Establishment of an ICE-SRM China is in progress. The representative from China requested information on the process for entering into an MoU with UNECE. It was noted that the procedure for entering into MoUs with UNECE has recently changed. An offline meeting with all ICE-SRM teams to facilitate the work on implementation of UNFC and UNRMS was proposed. The Secretariat will confirm the possibility to set up a side meeting at EGRM-13. The Chinese delegation is also planning to organize UNFC events including a workshop at the 24th Session of the World Petroleum Congress.

45. The China delegation proposed the following documents for EGRM-13.

- Bridging Document between the National Standard of the People's Republic of China Classification for Petroleum Resources/Reserves and UNFC.
- Bridging Document between the National Standard of the People's Republic of China Classification for Mineral Resources and Mineral Reserves and UNFC.

46. The China delegation proposed the following documents for EGRM-14.

- Case Studies on Bridging from the National Standard of the People's Republic of China Classification for Petroleum Resources/Reserves to UNFC.
- Case Studies on Bridging from the National Standard of the People's Republic of China Classification for Resources/Reserves of Solid Fuels and Mineral Commodities to UNFC.
- Additional documents will be shared later.

(e) ICE-SRM Europe

47. The Horizon Europe project entitled Geological Service for Europe has started. Within the project, there is an intention to set up an ICE-SRM Europe. This might take two years.

Item 11. UNECE Regional Forum on Climate Initiatives to Finance Climate Action and the SDGs

48. As previously advised, in the lead-up to COP27, as part of the broader effort by all the Regional Commissions, UNECE is organizing a Regional Forum on 'Regional cooperation on enhancing sustainable management and financing for the critical raw materials (CRMs) required for low-carbon transitions'.

49. The date of the UNECE Forum was recently changed. It was due to be held on 20 September but will now take place in hybrid format at the Palais des Nations in Geneva and via Zoom on Monday 17 October 2022.

50. The Forum will bring together high-level policy and decision-makers from Ministries of Economy, Finance, Trade, Industry, Energy and Environment in the UNECE region. Mining and metals

industry leaders, financial sector, and civil society representatives will be invited to participate, along with key stakeholders in Sustainable Consumption & Production and Circular Economy.

51. The expected outcome of the event will be to create momentum and advance a set of partnerships that will help develop a robust, sustainability-focused information framework, investment roadmap and business case for the assurance of CRMs and will eventually help crowd in climate finance and other sources of finance to the field of sustainably managing CRMs.

52. The UN is also compiling a pipeline of bankable projects that can attract climate financing. UNECE has invited the submission of initiatives/projects that support Low-Carbon Transitions eligible for Climate Financing, with an emphasis on Critical Raw Material Production, Use and Reuse. The aim is to identify investable/bankable projects in the UNECE region with the potential to attract finance from the private sector and international financial institutions (IFIs). The areas of focus could include renewable energy, energy storage etc., eMobility transitions, and digital transitions. All submissions will be reviewed by experts on project finance, and the intent is to showcase them at the Forum.

53. The initiatives/projects could be on production of specific raw materials, recycling of components (e.g. solar panels, wind turbines, and batteries), recovery and reuse of materials from mine wastes, tailings and industrial wastes, technology and process development, integrated resource management with a nexus approach, restructuring of infrastructure and supply chains, regional/sub-regional infrastructure development, information/knowledge management, and human resource development.

54. A selection of the projects will be presented at the Forum and included in a Compendium of Projects from all the UN Regional Commissions to be presented by the UN Secretary-Geneva at COP27 in November. Ideas of bankable projects on CRMs or green energy transition ideally in the developing countries of the UNECE region were welcomed.

Item 12. Education and outreach

Documentation: List of events promoting UNFC in 2022-2023 as at 31 August 2022

(a) EGRM Newsletter

55. The first UNECE Sustainable Resource Management Newsletter was launched in August and thousands of views and clicks have been reached. The work on newsletter will continue, particularly for the promotion of upcoming events including EGRM 13 and Sustainable Resource Management Week.

(b) Website – FAQ page

56. The page on Frequently Asked Questions (FAQ) has been updated. There are ten key questions in the current FAQ page. The page will continue to evolve and highlight developments on UNFC and UNRMS.

(c) Infographics

57. The UNFC-one pager has been developed as one of the key communication materials. The one pager aims to provide policymakers an overview of UNFC including answers to key questions such as what is UNFC and what are its benefits.

(d) Conferences in 2022

58. The key upcoming events include:

- Third UNRMS Workshop, Online, 7 September 2022
- Euromines Policy Committee Meeting, Brussels, Belgium, 7 September 2022 (Slavko Solar will attend)
- 8th Meggen Raw Material Days, Meggen, Germany, 13-16 September 2022
- 31st Session of the Committee on Sustainable Energy, Geneva and Online, 21-21 September

- EU Raw Materials Week 2023, Brussels, Belgium, 14-18 November 2022 including the 5th Event on UNFC and UNRMS “Accelerating Implementation of UNFC in Europe” co-organized by UNECE, DG GROW and EuroGeoSurveys, 15 November
- IRTC conference on “Raw materials for a sustainable future”, Lille, France, 15-17 February 2023
- 24th Session, World Petroleum Congress “Energy Transition – The Path to Net Zero”, Calgary, Canada, 17-21 September 2023 (Satinder Purewal is working on preparing a session related to UNFC and UNRMS, and Yang Hua has offered support) .

59. The World Geothermal Congress 2023 will be held in China, and there could be opportunities for side events regarding UNFC. IGA will advertise UNFC including but not limited to geothermal specifications.

60. It was pointed out by Bureau members that the US Government is attempting to develop tools similar to UNFC and UNRMS ([Webpage](#)).

Item 13. Sinegon online UNFC reporting system

61. The Hungarian IT company Sinegon is offering a non-mandatory, no-cost, online UNFC reporting system for members of EGRM for education purposes. Andras Kiraly who is an EGRM member and formerly worked for MOL is now employed by Sinegon hence the company’s interest in and knowledge of UNFC.

62. Sinegon has offered to organize a presentation on the UNFC reporting system for the ERGM Secretariat and all interested Bureau members in the near future, most likely linked to the next Bureau meeting. An invitation will be sent to schedule the presentation. Detailed information will be distributed among EGRM members.

Item 13. Date of next call

63. The week of 10 October was proposed. The regular availability message will be issued.

Item 14. Any other business

64. No issues raised.
