

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

From: David MacDonald and Charlotte Griffiths

Conference Call of the Bureau of the Expert Group on Resource Management (EGRM) 7 November 2019 FINAL MINUTES
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Attendance 3 pm CET call:

	Present	Apology
David MacDonald, EGRM Chair	<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"/>
Fatih Birol (alternate Glenn Sondak), IEA	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Roger Dixon, CRIRSCO	<input checked="" type="checkbox"/>	<input 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"/>
Milan Grohol, EC	<input type="checkbox"/>	<input checked="" type="checkbox"/>
TBC, IAEA	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Zoltán Horváth, EuroGeoSurveys	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Erica Ingvald, Sweden	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Alistair Jones, EGRM TAG	<input checked="" type="checkbox"/>	<input type="checkbox"/>
JU Jianhua (alternate YANG Hua), China	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Kjell Reidar Knudsen, Norway	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Young Joo Lee, (alternate Dhiti Tulyatid), CCOP	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Rafal Misztal, Poland	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Paul Msoma, AUC	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Michael Neumann, EFG	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Teresa Ponce de Leão	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Roberto Sarudiansky, OLAMI	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bernard Seiller, SPE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Olga Trofimova for Igor Shpurov, Russian Federation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bradley Van Gosen, USA	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Charlotte Griffiths, UNECE	<input checked="" type="checkbox"/>	<input type="checkbox"/>

### Draft agenda

1. Approval of draft agenda (attachment 1)
2. Draft minutes of call on 9 September 2019 (attachment 2)
3. Bureau membership (attachment 3)
4. Outcomes of Committee on Sustainable Energy 28th Session
5. UNFC update
6. UNRMS update
7. UNECE Resource Management Week 2020 (attachment 4)
8. ICE-SRM (attachment 5)
9. CRIRSCO Template 2019 (attachment 6)
10. Technical Advisory Group update
  - Proposal for new Chair of Nuclear Fuels Working Group
11. Digital RMS solutions and UNFC
12. Education and outreach (attachment 7)
13. Launch of Women in Resource Management Initiative
14. Date of next meeting or call
15. Any other business

### Documentation:

1. Draft agenda for Bureau Call on 7 November 2019
2. Draft minutes of 9 September 2019
3. Bureau Contact List as at 1 November 2019
4. Draft Provisional Agenda for EGRM-11
5. ICE-SRM ToR and Criteria draft v3 (5 November 2019)
6. CRIRSCO International Reporting Template 2019
- 6a. Presentation on CRIRSCO International Reporting Template 2019
7. List of events promoting UNFC in 2018–2020 as at 1 November 2019

### **Item 1. Approval of Draft Agenda**

Documentation: Draft Agenda for Bureau Call on 7 November 2019

1. The Chair noted that document 6a “presentation on CRIRSCO International Reporting Template 2019” had been circulated the morning of the call. The agenda was approved without any changes.

### **Item 2. Draft minutes of call on 7 September 2019**

Documentation: Draft minutes of call on 7 September 2019

2. The draft minutes were approved.

### **Item 3. Bureau membership**

Documentation: EGRM Bureau Contact List as at 1 November 2019

3. The Bureau was requested to advise the secretariat of any additional changes needed to the Bureau Contact List circulated as part of the documentation for the call.
4. The Chair provided an update on changes in the Bureau:
  - Hussein Allaboun: Hussein has recently joined the Jordan Phosphate Mines Company (JPMC), which is one of the largest phosphate fertilizer companies in the world. The

Bureau congratulated Hussein on his appointment to this senior position in JPMC and wished him every success in the new role.

- Australia: due to reorganization in Geoscience Australia it is unlikely that Australia will participate on the Bureau before EGRM-11.
  - Advice is still awaited from Serbia and IAEA on their representatives.
5. Teresa Ponce de Leão advised that the Secretary of State of Portugal had nominated her to continue on the Bureau at the elections in April 2020.
6. The representative of EFG, Mike Neumann, advised of the interest of geoscientists in Canada in joining and working with the EGRM and potentially joining the Bureau.

#### **Item 4: Outcomes of Committee on Sustainable Energy 28th Session**

7. The Chair advised that he participated in the 28<sup>th</sup> session of the UNECE Committee on Sustainable Energy in Geneva, 25-27 September, during which he presented on UNFC and EGRM and Chaired a panel session on gender and sustainable energy. With regard to the gender session, he noted that a number of the panellists were from developing countries and that they had shared inspiring examples demonstrating the progress being made in their countries on gender balance in spite of significant challenges. Unfortunately, Gioia Falcone was not finally able to attend so Sigurd Heiberg stepped in to represent EGRM in the Pathways to Sustainable Energy project discussions.

8. The high-level segment of the meeting addressed the theme “Accelerating and deepening the transition to sustainable energy systems” and showcased the “Pathways to Sustainable Energy” project. The project, which started 3 years ago, and is essentially a modelling exercise, has become an important vehicle for understanding the gaps that exist in meeting the energy-related objectives of the 2030 Agenda and the opportunities that the countries of UNECE region have to close them. The panel session with representatives of the 6 expert groups, one of which is EGRM, clarified some of the challenges of ongoing transformation in energy from a technology point of view. The major driving forces, critical uncertainties and unknowns with influence on energy systems development and innovation were discussed and explored. Remarks also covered resource management, nexus areas, and environmental and social aspects that are often non-quantitative and hence not easily included in a modelling exercise.

9. The Committee took a range of decisions related to the work of EGRM:

- Requested EGRM to start process of updating and expanding ECOSOC Decision 2004/233.
- Noted progress of EGRM to deliver on its mandated activities and Work Plan for 2018-2019.
- Approved extension of EGRM mandate until 31 December 2024 with a possibility of extension. Approved EGRM Work Plan for 2020-2021. Both of these will be submitted to EXCOM for endorsement when it meets on 16 December.
- Noting the growing demands and expanded scope of EGRM, the Committee mandated the secretariat to make an effort to seek extrabudgetary funding to support the activities.
- Requested the CSE Chair to report the Committee’s requests for more work on resource management to EXCOM at the next opportunity.

- Approved EGRM request for an extra day during its annual meeting given the importance of resource management, the scope of the activities covered by the Group and the increased application of UNFC globally. This means EGRM can now officially meet over five days with interpretation in French and Russian.
- Noted the proposal to develop a Centre on Sustainable Resource Management (CSRSM) to coordinate the International Centres of Excellence on Sustainable Resource Management (ICE-SRM). Mandated the secretariat to make an effort to seek extrabudgetary funding to support activities in this area and requested the Chair to report the Committee's requests about international centres of excellence to EXCOM at next opportunity.
- Endorsed: Specifications for application of UNFC to Solar Energy and to Wind Energy
- Requested EGRM to simplify and update the UNFC category and sub-category definitions as soon as possible and to issue the updated document as an ECE Energy Series publication.
- Taking note of UNECE's nexus activity on "Sustainable use of natural resources", the Committee recommended strengthened collaboration of the energy subprogramme with other subprogrammes of UNECE.
- Noting the enhanced applicability of UNFC and UNRMS to the sustainable management of raw materials required for the global battery industry, including recycling and reuse of the batteries, recommended EGRM to strengthen its cooperation with the World Economic Forum - Global Battery Alliance in order to address the policy challenges.

10. The Chair noted that all the discussions related to UNFC and EGRM were extremely positive and supportive of the work achieved and being undertaken by EGRM.

#### **Item 5: UNFC update**

##### **(a) Status of UNFC revamp:**

11. A productive call was held on 31 October with a small group representing TAG and the injection, minerals, petroleum, RE and Commercial WGs. Ongoing discussion in group as to whether UNFC and UNRMS are focused on resources or projects. There is a view in the group that the first option will lead to a project-based resources management system and the second option will lead to a project portfolio management system. The intent is to have a revised draft ready to circulate to the full Bureau and WG Chairs by week of 18 November with the aim to finalize and agree on the updated text by beginning of December.

12. There was an extensive discussion on the UNFC revamp, the draft text and in particular whether UNFC classifies projects or resources. The Chair agreed to remove any potentially contentious language and circulate a revised text for review by the small representative group overseeing the revision.

##### **(a) Substantive update of UNFC**

13. As per agreement at EGRM-10, there is also a need to start work on a substantive update of UNFC as indicated in the report of EGRM-10 report:

“EGRM recommended to engage with new stakeholders (statistics users, developing countries, renewable energy sectors, etc.) to clarify specific requirements of a classification system to meet their needs and to build consensus on the value of UNFC. The Expert Group requested the Bureau ensure this engagement and outreach and to do so before end-2019.”

“EGRM further recommended to simplify and update UNFC category and subcategory definitions in order to build a framework that will be of greater value for UNRMS, and to provide efficient, digital tools to aid the understanding and use of UNFC. EGRM requested the Bureau, in close cooperation with all EGRM sub-groups, to prepare a first draft by end-January 2020. The Expert Group noted the need to ensure that any update of the UNFC category and subcategory definitions should be closely aligned and linked to the development of UNRMS.”

14. The Bureau discussed how best to “engage with new stakeholders (statistics users, developing countries, renewable energy sectors, etc.) to clarify specific requirements of a classification system to meet their needs and to build consensus on value of UNFC” as requested by EGRM-10. It was agreed that the best approach would be for a survey to be undertaken by the Communications Working Group in cooperation with the UNRMS Group. The survey should not only enquire about UNFC but also UNRMS so as to explore what stakeholders want from a resource management system. The Chair noted that when looking at the results of the survey all feedback would be considered i.e. even if only one person raises an issue. The Bureau also noted that the survey would take some time to complete and hence the timeline proposed at EGRM-11 would need to be extended.

**Item 6. UNRMS**

15. The UNRMS Group is progressing its work. The Group comprises Alistair Jones, Frank Denelle, Milan Grohol, Julian Hilton, Sigurd Heiberg, Teresa Ponce de Leão and Hari Tulsidas. Hendrik Falck joined recently representing the Minerals Working Group. As Milan Grohol currently has too many work commitments to Chair the Group, Hari Tulsidas has taken over as Chair in the interim. Milan Grohol agreed to comment on any drafts developed.

16. A proposal was made that Matthias Hartung from TARGET should also join the Group. Engagement with Matthias Hartung and TARGET was discussed extensively under item 11.

**Item 7: UNECE Resource Management Week**

Documentation: Draft provisional agenda for EGRM-11

17. The Chair requested that the list of parliamentary documents to be submitted for EGRM-11 be included in the minutes of the meeting. This list was prepared in cooperation with the TAG Chair, the Chairs of the EGRM Working Groups and the Bureau. As per the list appended below, 14 parliamentary documents have been proposed, including two case studies:

<b>Document</b>	<b>Symbol</b>	<b>Author</b>
Provisional Agenda	ECE/ENERGY/GE.3/2020/1	Secretariat
Report	ECE/ENERGY/GE.3/2020/2	Secretariat
Principles of resource classification	ECE/ENERGY/GE.3/2020/3	Social and Environmental Considerations Task Force

Guidance for social & environmental considerations for UNFC	ECE/ENERGY/GE.3/2020/4	Social and Environmental Considerations Task Force
UNRMS Concept Note	ECE/ENERGY/GE.3/2020/5	UNRMS Group
Commercial considerations in resource management - draft report	ECE/ENERGY/GE.3/2020/6	Commercial WG
UNFC – draft revision	ECE/ENERGY/GE.3/2020/7	Bureau
Integrated lifecycle management of nuclear fuel resources for sustainable energy	ECE/ENERGY/GE.3/2020/8	Nuclear Fuels WG
Development of detailed specifications, guidelines and best practices on effective use of UNFC and UNRMS for sustainable development: Global values, regional circumstances, priorities and needs for resource management in the age of big data and artificial intelligence	ECE/ENERGY/GE.3/2020/9	SDGs Delivery WG
Draft <b>specifications</b> and guidelines for application of UNFC to <b>Mineral Resources</b>	ECE/ENERGY/GE.3/2020/10	Minerals WG
Draft <b>specifications</b> & guidelines for application of UNFC to <b>Petroleum Resources</b>	ECE/ENERGY/GE.3/2020/11	Petroleum WG
Application of UNFC to <b>Groundwater: Issues &amp; challenges</b>	ECE/ENERGY/GE.3/2020/12	Groundwater WG
Case study: China Minerals & Petroleum to UNFC Bridging Documents case studies	ECE/ENERGY/GE.3/2020/13	Secretariat & TAG
Case study	ECE/ENERGY/GE.3/2020/14	Secretariat & TAG

18. The Bureau is in charge of the substantive UNFC update document (ECE/ENERGY/GE.3/2020/7) as discussed under Item 5. Since a draft of the substantive update will not be ready for EGRM-11, it was agreed that the document could cover an outline of a number of the proposed substantive changes and/or the results of the survey discussed under Item 5.

19. The first draft of the provisional agenda for EGRM-11 was circulated as part of the documentation for the call. All of the proposed 19 items included in part I essentially align with the issues discussed at EGRM-11 and included in the EGRM Work Plan for 2020-2021. The Bureau was requested to provide comments in writing to the secretariat by 10 December. A revised draft agenda will then be prepared and circulated. The draft agenda should also be circulated to the TAG and all WG Chairs.

20. As agreed during the last Bureau call, the first two days of the Week will focus on a Workshop on the role of resource management in attaining the SDGs. Discussion focussed on whether a UNFC training should be organized at the start of the meeting as in previous years.

It was agreed that this training is useful for newcomers and should continue to be offered if possible. It was proposed that Petrad be contacted to see if it would be interested to organize a half-day training. The Chair asked for volunteers to help put the programme together for the SDGs workshop.

21. Gioia Falcone proposed that the workshop should include a focus on net zero emissions. She elaborated that the world is embracing net zero emissions targets. From a mathematical perspective, a net zero calculation can be performed when the boundaries of the corresponding ‘control volume’ are defined, accounting for generation/consumption/storage within, and including inlet and outlet fluxes over a defined interval of time. To ensure accurate monitoring of nations’ progression towards net zero and to support the development of accelerating policies, clarity over the precise route for time and space reconciliation of local and global net zero calculations is needed. Just as important as monitoring net zero progression is the need to track parallel alignment with the SDGs via numerical KPIs that are calibrated at regional scale. Jointly, this will ensure achieving sustainable net zero. In this context, Professor Falcone proposed that Dr. Jeremy Woods from Imperial College would be a good speaker and he could showcase the [Global Calculator](#). The Global Calculator is a model of the world's energy, land and food systems to 2050. It allows users to explore the world's options for tackling climate change and see how they all add up. With the Calculator, users can find out whether everyone can have a good lifestyle while also tackling climate change. Dr Woods coordinated the land/food/bioenergy and climate science components of the Global Calculator.

22. Other proposals for keynote speakers included Nobel Prize winners Paul Romer and William Nordhaus, a senior official from EITI and Prof. Raimund Bleischwitz from University College London.

23. A number of Bureau members offered to assist in organizing the workshop and securing speakers.

24. The Chair advised that Professor. Robert Perrons who delivered the joint UNECE-SPE lunchtime lecture on Uberizing Energy at EGRM-10 has offered to deliver a lunchtime lecture on how artificial intelligence could impact the resource industry. He has been working on this with Intel Corporation over the past few months. The Bureau agreed to proceed with such a lecture.

25. Establishment of a network of women in resource management is included as a deliverable in the EGRM 2020-2021 work plan. Work has started to establish such a network. There is interest from those working on developing the network in having a significant slot on the agenda at EGRM-11 and highlighting and debating a topic such as networking and sponsorship and how to deal with sexual misconduct. This proposal was welcomed.

#### **Item 8: ICE-SRM**

Documentation: ICE-SRM ToR and Criteria draft v3 dated 5 Nov 2019

26. Item N of EGRM Work Plan for 2020-2021 is “Support to Implementation of UNFC and UNRMS and Partnerships in Sustainable Resource Management through a Global Network of International Centres of Excellence”. The draft document circulated to the Bureau includes a set of criteria for who can qualify to become an International Centre of Excellence for Sustainable Resource Management (ICE-SRM). This is something needed to

ensure the quality of the network of ICE-SRMs. The document also includes generic terms of reference for what a centre is supposed to deliver. The criteria and ToR are not separate concepts, but rather constitutional documents for the network of ICE-SRMs. The mission is laid out in the terms of reference. UNECE is using this approach as a means of getting real results in the field and has several examples now for other UNECE products (e.g. high performance buildings and coal mine methane). The Chair thanked members for providing comments on the draft generic criteria and ToR document and noted that this feedback had been incorporated into the revised text (v3 of 5 November 2019) circulated prior to the call. Once the Bureau is in agreement on the generic criteria and ToR, the intent is to share the documents with interested UNECE member countries/members of the UNECE Executive Committee.

27. The value of ICE-SRM lies in having a network to be able to share knowledge and experience of what works and what doesn't work in the context of applying and building capacity on UNFC and UNRMs and provide this feedback to EGRM. This feedback will be considered during the periodic updates of UNFC and UNRMS and in the development of additional guidance. In turn, the value of the network will come from the number of robust members that it has. Updating UNFC and UNRMS, development of guidelines for specific applications and circumstances and development of a wide range of case studies will be facilitated by having members around the world. UNFC and UNRMS are global standards that will lead to resource management in line with the 2030 Agenda for Sustainable Development. Given global markets, having global value chains and resource investments aligned with the 2030 Agenda will benefit UNECE member States. Efficient use and development of resources will both enhance their contribution to development and reduce their cost.

28. The Chair also noted that any organization wanting to become an ICE-SRM will also need to enter into an MoU with UNECE. A draft generic MoU text is being prepared.

29. The Chair advised that the Guizhou Group from China (Guizhou Energy Administration and Guizhou Wujiang Energy Group) reached out to UNECE earlier this year to establish an ICE-SRM. As the first step in the process is establishment of an MoU with UNECE, EXCOM was informed of this potential MoU at its meeting on 14 October. This led to a discussion amongst member States on the role, governance/oversight and value of a network of ICE-SRMs. There was interest in member States to review and comment on the generic MoU and ToR text and the set of criteria. The Bureau welcomed this approach.

30. The Bureau discussed the documentation. Discussions focussed on how the ICE-SRMs would be funded as well as on certification of Competent Persons and potential differences with CRIRSCO requirements. One member proposed to look at where a centre already exists and build on that e.g. the Pan-African Geothermal Centre of Excellence in Kenya hosted at Kenya Electricity Generating Company PLC (KenGen) and supported by the World Bank

31. The Chair noted that potential interest in establishing an ICE-SRM has been expressed by the Russian Federation, DG GROW for Europe, Mexico including for the Latin America region, China via the Ministry of Natural Resources, CCOP for East and SE Asia, and Africa.



## **Item 9. CRIRSCO Template 2019**

Documentation: CRIRSCO International Reporting Template 2019

32. The CRIRSCO International Reporting Template 2019 has just been issued. A presentation on the update was circulated to the Bureau just prior to the call. The representative of CRIRSCO advised that although UNFC was to be included as a separate appendix in this update (as advised to EGRM), as the revision process evolved subjects which did not specifically address reporting standards were moved to the CRIRSCO website and not included in the 2019 Template. UNFC and reference to the bridging document will be included on the website which is also to be updated.

33. The fifteen standard definitions contained in the 2013 Template remain unchanged apart from the inclusion of Exploration Targets in some of the definitions. There is one additional definition, that of Mineral. Given that the standard definitions remain basically unchanged the current CRIRSCO Template-UNFC Bridging Document should still apply. The representative of CRIRSCO advised that he will though do a final check to be sure.

## **Item 10: Technical Advisory Group update**

### **(a) Petroleum Specifications and Guidelines**

34. A recommendation from the TAG on the petroleum specifications was sent to the Bureau on 1 November. The recommendation was that the draft prepared was a good step forward, but that the Specifications (and Guidelines) are not yet ready to be issued for public comment. It was proposed that the Petroleum WG incorporate the TAG comments and share an updated document at the EGRM meeting in April 2020. The Bureau supported the recommendation and the proposal.

35. The TAG Chair noted that once the TAG comments have been addressed, the revised draft petroleum specifications will be shared with SPE for comment, before issuing for public comment.

### **(b) Nuclear Fuels Working Group**

36. Julian Hilton is currently the acting Chair of the Nuclear Fuels Working Group. It is proposed that a new Chair takeover at EGRM-11 or thereabouts. The Bureau supported that King LEE, Director, Harmony Programme at the World Nuclear Association takeover as Chair of the WG. The Harmony Programme is the nuclear industry's vision for the future of electricity. King is an active member of the Nuclear Fuels WG. The TAG Chair noted that Julian Hilton is a member of the TAG in his capacity of Chair of the Nuclear Fuels WG. With King Lee taking on the role of Chair of this WG, King will become a member of TAG. The TAG Chair proposed that Julian Hilton continues as a TAG member, if he is willing to do so. He noted that it has been useful for the TAG to have the link with the SDGs WG which Julian Chairs, and it would be helpful to maintain that link, whilst recognizing that the SDGs WG reports directly to the Bureau rather than to the TAG. The Bureau supported the SDGs WG Chair continuing on the TAG should he be willing to do so.

37. The Chair thanked the TAG for its continued hard work and rigour.

## **Item 11. Digital RMS solutions and UNFC**

38. As documented in the meeting report, EGRM at its 10th session agreed on the need for digital solutions for UNFC and UNRMS. The Communications Working Group was tasked to work on this.

39. A number of organizations are looking at digitalising UNFC. The National Hydrocarbons Commission of Mexico has advised it will build a digital application for UNFC as part of its phase II petroleum pilot. Aucerna has attended a number of EGRM meetings and noted the need for a digital solution for UNFC. Petrad Foundation has indicated it may focus on this. Positive dialogue started with the International Geothermal Association (IGA) during the Renewable Energy Working Group meeting held in April 2019 in Geneva; IGA was keen to jointly progress the development of e-workflows and digital solutions for UNFC/UNRMS, stemming from the decision trees developed within the Geothermal Sub-group. IGA is expecting UNECE to open discussions on how to do this together (incl. other stakeholders for the other commodities).

40. Contact has recently been made with TARGET Energy Solutions via the Communications Working Group. TARGET is an international technology and services company, focused on enabling digital transformation solutions for data-driven industries. TARGET has built a resource management system for oil & gas that could be extended for use in sustainable management of other resource types. Discussions have been held with Matthias Hartung and colleagues from TARGET, including a meeting on 6 November with the EGRM Chair and other EGRM members, to explore potential collaboration. TARGET sees potential to develop a digital solution for UNFC and UNRMS. To build and demonstrate the value of such a system, partner[s] would be required with data from different resource projects. TARGET's goal is to develop a tool to support decision makers with comparability of resource projects and to manage balanced portfolios at times of energy transition, linked to the 17 SDGs and supporting the needs of their constituents. TARGET hopes to present a Minimum Viable Product to EGRM-11.

41. Whilst a number of Bureau members were supportive and enthusiastic about the development of a digital solution for UNFC by TARGET, a number of Bureau members expressed concern about any cooperation with TARGET as it is a commercial company. Noting that while the public can use the UNFC documents that are publically available as it wishes (though it would not be able to claim compliance or endorsement without formal UNECE approval), a Bureau member expressed the opinion that EGRM Bureau members should not be asked to provide one-to-one guidance to individuals or organisations wishing to develop an exclusive commercial tool based on that one-to-one guidance, unless the opportunity was equally given to all. The Bureau member proposed that EGRM could 'spec' the requirements for a digital solution for UNFC/UNRMS and share those publicly, e.g. via a white paper to be posted to the UNECE website and presented at the next EGRM meeting in Geneva. The Bureau member noted that this does not imply a subsequent tender process. During the ensuing discussions, some members expressed that they did not share the abovementioned views.

42. The Chair underlined that during the 6 November meeting with TARGET he took the time to be clear with the attendees that EGRM cannot and will not have any sort of a commercial relationship with Target. He underlined that EGRM would gladly work with any user to further its knowledge of the system: any cooperation with TARGET would be in the

form of a non-exclusive arrangement, in the sense that other software developers are welcome and encouraged to work with EGRM on similar projects. The Chair noted that whilst the offer by TARGET is of benefit to EGRM, the relationship needs to be conducted in an appropriate and transparent manner.

43. The secretariat also underlined that the United Nations and EGRM cannot and will not endorse a vendor or product and that all information shared with TARGET is publically available. All UNFC documents, presentations and documents from EGRM meetings and minutes of Bureau calls are available to the public via the UNECE website. It was noted that EGRM operates in an inclusive and transparent manner. No EGRM member is required to provide or share any information if not willing to do so.

#### **Item 12. Education and outreach**

Documentation: List of events promoting UNFC in 2019–2020 as at 1 November 2019

44. The Chair advised that the list of events as at 1 November was circulated with the documentation for the call.

45. Teresa Ponce de Leão advised that she had discussed UNFC and UNRMS with the Secretary of State of Mining and Geology of Angola. She noted she would be in Luanda, Angola, on 19 November and would promote UNFC and UNRMS whilst there.

46. Due to time limitations no other events were discussed and the Chair referred the Bureau to the list of events circulated as part of the documentation for the call. The Chair requested the Bureau to provide details of any meeting/workshop that is missing from the list.

#### **Item 13. Launch of Women in Resource Management Initiative**

47. This item was discussed under Item 7 UNECE Resource Management Week 2020.

#### **Item 14. Date of next Bureau Call**

48. The next Bureau call will be held during the week of 16 December 2019 or during the period 13–24 January 2020.

#### **Item 15. Any other business**

49. The representative of SPE provided an update on the outcome of discussions related to EGRM and UNFC at the SPE OGRC meeting held in Canada in October at the time of the ATCE. The OGRC took note of the work of EGRM. It also agreed in principle to EGRM nominating an observer to the OGRC as long as the nominee has the required level of oil and gas knowledge and experience.

50. The Chair noted that a query was received from the CEO of AAMEG (Australia-Africa Minerals & Energy Group) on 29 October requesting clarification on the direction and aims of AMREC. AAMEG members are concerned that there are already existing reporting codes that companies listed in Australia, Canada and Johannesburg need to comply with. AAMEG strongly urged EGRM to consider that it may be better take one of these systems as a base for AMREC. The secretariat responded positively, advising that AMREC is an initiative of the African countries (that adopts the principles of UNFC) and not EGRM. The secretariat also noted that the “CRIRSCO Committee expressed its full support for the AMREC/PARC

initiative” as advised by the CRIRSCO representative on the Bureau who was copied on correspondence. No feedback has been received to date from AAMEG.

51. No other business was discussed.

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