

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

From: David MacDonald and Hari Tulsidas

Conference Calls of the Bureau of the Expert Group on Resource Classification (EGRC) 26 January 2017 MINUTES
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Present on 9 am GMT call:

1. David MacDonald (EGRC Chair)
2. Karin Ask (Petroleum sector)
3. Frank Denelle (Chair, Renewables Task Force) *representing* Gioia Falcone
4. Michael Lynch-Bell (Financial reporting and solid minerals)
5. Jim Ross (Petroleum sector)
6. Olga Trofimova (GKZ Russian Federation) *representing* Igor Shpurov
7. Hari Tulsidas (UNECE)

Present on 3 pm GMT call:

1. David MacDonald (EGRC Chair)
2. Jim Ross (Petroleum sector)
3. Rodrigo Channes *representing* Anne Auffret (European Commission)
4. David Elliott (Financial reporting sector)
5. Adrienne Hanly (IAEA)
6. Kjell Reider Knudsen (Norwegian Petroleum Directorate)
7. Michael Lynch-Bell (Financial reporting and solid minerals)
8. John Ritter (SPEE)
9. Danny Trotman (Financial reporting)
10. Brad Van Gosen (USGS)
11. Radoslav Vukas (Serbia)
12. Hari Tulsidas (UNECE)

Observers:

14. John Etherington (TAG Chair, *observer*)

Apologies:

1. Tunde Arisekola (NGSA)
2. Anne Auffret (European Commission)
3. Fatih Birol (IEA)
4. Roger Dixon (CRIRSCO)
5. Mucella Ersoy (Turkish Coal Enterprises)
6. Gioia Falcone (Geothermal sector and academia)
7. Bernard Seiller (SPE)
8. Igor Shpurov (GKZ Russian Federation)
9. Adichat Surinkum (CCOP)
10. Narendra Verma (Petroleum sector)
11. Charlotte Griffiths (UNECE)

Draft Agenda for EGRC Bureau Calls on 26 January 2017

1. Approval of draft agenda (Attachment 1)
2. Draft minutes of Bureau calls of 14 December 2016 (Attachment 2)

3. Outcomes from the 25th Session of the Committee on Sustainable Energy and proposed crosscutting activities
4. EGRC Eighth Session, 25–28 April 2017 (Attachment 3)
5. Technical Advisory Group update (Attachment 4)
6. Update on Guidance Notes on Competent Person
7. Update on application of UNFC to Renewable Energy Resources
8. Chinese petroleum and solid mineral systems bridging update
9. E axis Sub-group update
10. Update on application of UNFC to Nuclear Fuel Resources
11. Update on application of UNFC to Injection Projects
12. Update on Anthropogenic Resources Working Group
13. UNFC Revision Working Group (Attachment 5)
14. Update on Cooperation with African Minerals Development Centre
15. Cooperation with EU GeoERA Project
16. Education and outreach (Attachment 6)
17. Uniform renaming of Task Forces and Working Groups
18. Date of next Bureau calls
19. Any other business

Documentation:

1. Draft Agenda for Bureau Calls on 26 January 2017
2. Draft Minutes of 14 December 2016 Bureau Calls
3. List of documentation for the 8th EGRC session
4. Draft revised annotated agenda for EGRC-8
5. Draft revised work plan for EGRC 2018-19
6. Draft Minutes of TAG Call of 3 November 2016
7. Draft ToR of UNFC Revision Working Group
8. List of events promoting UNFC in 2017–2018 *as at 23 January 2017*

Item 1. Approval of Draft Agenda

1. The agenda as proposed was adopted without amendment.

Item 2. Draft minutes of Bureau calls of 14 December 2016

Documentation: Draft minutes of Bureau calls of 14 December 2016

2. The draft minutes of the Bureau calls of 14 December were adopted.

Item 3. Outcomes from the 25th Session of the Committee on Sustainable Energy and proposed crosscutting activities

3. The Chair briefed regarding the outcomes of the 25th Session of the Committee on Sustainable Energy (resumed), which was held on 19 January. The Committee requested all Expert Groups to update their work plans for 2018-19. The Committee also invited all Groups of Experts to discuss and develop a shared understanding and approach to achieving the Sustainable Development Goals and prepare requests for mandates and work plans taking into account a more cross-cutting approach.

4. The following activities were mentioned for EGRC's consideration:

- Application of UNFC to Renewable Energy Resources (Ongoing in collaboration with the Group of Experts on Renewable Energy);

- Application of UNFC for classification and management of Coal Mine Methane (CMM) (Planned in collaboration with Group of Experts on CMM)
 - Assessing Energy recovery from Wastes/Anthropogenic Resources using UNFC (proposed in association with Group of Experts on Energy Efficiency if extra-budgetary funds are available).
5. Other works such as the application of UNFC to groundwater could be considered in collaboration with other UNECE sectoral committees.
6. Frank Denelle mentioned that he is already collaborating with the Group of Experts on Renewable Energy. He suggested that such an approach would be good, as renewable energy experts need to be updated on resource classification and management aspects.
7. The Chair informed that the suggested crosscutting activities are now included in the draft agenda of the 8th session of EGRC and the draft EGRC work plan for 2018-19.

Item 4. EGRC Eighth Session, 25–28 April 2017

Documentation: Draft Annotated Agenda for EGRC Eighth Session; Draft Work Plan for EGRC 2018–2019

8. The Chair drew attention to the list of official documents planned for the 8th session of the EGRC was circulated on 23 January. As discussed in the previous Bureau calls, 14 official documents will be submitted. A number of documents are currently under review by the TAG and the Bureau. Drafts of Bioenergy specifications and case studies from Jordan and Argentina will be circulated shortly to the Bureau for approval. Specific documents details will be discussed under the respective agenda items.
9. Frank Denelle informed that the Solar energy specification might be delayed due complexities of the issues being tackled. The Chair suggested that an interim draft could be submitted as a note for discussion, which was agreed by Frank.
10. The Chair requested Bureau approval for the revised agenda for the 8th EGRC session with minor modifications suggested by Bureau members, which was circulated on 24 January. He informed that cross-cutting activities requested by the Committee are now included under Item 17. Adrienne Hanly mentioned regarding Item 14, paragraph 40, on the application of UNFC-2009 for undiscovered resources, that the expert involved in the work may not be available anymore. The Chair clarified that the Task Force should be responsible for the item and identify suitable experts who can do the task in future. It was also informed that the cross-cutting activities requested by the Committee are now included under Item 17. The Bureau approved the draft document.
11. The Chair requested Bureau approval of the revised Work Plan 2018-19, with minor modifications suggested by members, which was circulated on 24 January. Cross-cutting activities requested by the Committee are now included under Section K. The Bureau approved the draft document.

Item 5. Technical Advisory Group update

Documentation: Draft Minutes of TAG Call of 3 November 2016

12. John Etherington, TAG Chair, provided an update. The minutes of TAG Call of 3 November 2016 were circulated on 23 January as part of the documentation for the call. The next TAG meeting is scheduled for 27 January.

13. TAG is currently reviewing a number of documents:

- Bioenergy specifications: Though originally planned to be submitted as an official document in 3 languages, due to word length this could be issued only in English.
- E-axis guidance notes and explanation
- UNFC Evaluator Qualification and Competent Person requirements guidance notes
- Two case studies (Jordan and Argentina)

These documents are discussed in detail under the respective agenda items.

14. TAG answered a query from the national geological survey Finland (GTK) regarding UNFC case studies, application examples and access to training and workshops. Some case studies available were mentioned and links provided.

15. The Chair thanked John Etherington and other TAG members for their continued hard work.

Item 6. Update on Guidance Notes on Competent Person

16. The Chair briefed on the activities of the Working Group on Competent Persons. Two documents prepared by the Working Group on Competent Persons were circulated to the TAG and Bureau for review and feedback on 17 January.

- Draft Guidance Note to support the UNFC-2009 Specification of Evaluator Qualifications
- Draft Guidance on Competent Person Requirements and Options for Resources Reporting

17. The first guidance document provides additional information regarding the specification of Evaluator Qualifications (Generic Specification M). The second document provides guidance for organizations or entities, who may wish to establish appropriate quality assurance mechanisms, qualification criteria and/or disclosure obligations that can be adopted in circumstances where explicit mandatory competency requirements are considered desirable.

18. The Chair thanked Bureau members who have provided comments on the two documents and informed that further comments if any could be provided by CoB 26 January.

19. The Chair expressed appreciation to all members of the Working Group on Competent Persons.

Item 7. Update on application of UNFC to Renewable Energy Resources

20. Frank Denelle representing Gioia Falcone provided an update on RE Task Force activities. Frank mentioned that he is revising the ToR for the Task Force (Phase III). The primary driver will be to have a complete set of RE specifications and guidelines operational by 2020. The focus will be on stakeholder engagement,

(i) Bioenergy Specifications

The draft was submitted to the TAG for review on 16 January. Due to the high word count and a number of pages, this will be presented as an English only document to the EGRC. After TAG review, the document will be submitted to the Bureau for approval.

(ii) Geothermal Working Group update

Case studies are being reviewed for issue as a UNECE publication in 2017.

(iii) Solar Working Group update

A Solar Working Group meeting is planned in London, 20 – 21 March 2017. The first draft of the Solar specifications will be finalized after this workshop. This will be submitted as an English only document to the EGRC. Due to the complexities involved in producing the document, it is now tackled up as series of smaller sections, which are being addressed one by one. It is likely to be submitted as an early draft or as a white paper/report.

(iv) Wind and Hydropower Specifications

Ad van der Schoot has agreed to lead the Hydropower Working Group. Frank Denelle will initiate the Wind WGs shortly.

21. The Chair thanked Frank Denelle and the other members of the RE Task Force for their time and support.

Item 8. Chinese petroleum and solid mineral systems bridging update

22. The Chair provided an update on the status of the bridging exercise. The draft documents are currently under review by the MLR (Ministry of Land and Resources). A workshop is tentatively scheduled in Beijing for (mid) March 2017. If ready by mid-March both documents will be submitted as English only documents to the EGRC.

Item 9. E axis Sub-group update

23. The Chair provided an update on the status of two E-axis guidance notes. Two documents were circulated to the TAG and the Bureau for comments on 18 January:

- Draft guidance on accommodating environmental and social considerations in the UNFC-2009.
- Concepts and Terminology.

24. Both the documents will be submitted to the EGRC 8th Session as official documents in three languages. It is expected that experts and the wider user community will welcome these documents and thus set a milestone in the application of UNFC. The Chair thanked Bureau

members who have provided their comments. Any other comments can be provided by cob 26 January.

25. The Chair congratulated Dave Elliot and members of the E-axis Working Group for their outstanding work.

Item 10. Update on application of UNFC to Nuclear Fuel Resources

26. Adrienne Hanly provided the update. The Jordan case study (on uranium) and the Argentina case study (on rare-earths and thorium) are being reviewed by TAG. After TAG review, both will be circulated to the Bureau for approval.

27. A consultancy meeting will be organized during the Resource Classification Week to review and further develop the Uranium/Thorium Best Practices Handbook.

28. An international workshop is being planned in November 2017. The task force is also reviewing case studies from Mexico and Nigeria.

29. The Chair thanked Adrienne and the other Task Force members for their continued hard work.

Item 11. Update on application of UNFC to Injection Projects

30. Karin Ask provided an update on the Task Force activities. Karin had circulated an early draft of the SRMS (Storage Resource Management System) to the Bureau for informal review on 16 January. The Bureau is requested to provide feedback by 10 February.

31. The Chair thanked Karin and her working group for their continued support.

Item 12. Update on Anthropogenic Resources Working Group

32. The Anthropogenic Resources Working Group has started working on specifications with the help of the TAG. A Workshop is planned in Ljubljana, 23–24 February.

33. Draft specifications are expected to be completed in March. A related case study will also be prepared.

34. The Bureau discussed and agreed to include a representative of Anthropogenic Resources as a member of the Bureau.

35. The Chair thanked Soraya Heuss-Aßbichler, Chair of the WG and Ulrich Kral, Chair of the Managing Committee, MINEA, for the good work.

Item 13. UNFC Revision Working Group

Documentation: Draft ToR of UNFC Revision Task Force

36. The Chair informed that the draft ToR for the UNFC Revision WG had been circulated with the documentation for the call on 23 January. Feedback from all members was requested by 15 February.

37. The Chair informed that the major issues considered for the revision would be:

- Renaming of UNFC
- Making definitions simple and generic to apply to all commodities or sectors

38. The Chair informed that the TAG would provide a list of issues for consideration. It is important to ensure that all commodities have specifications that are consistent with UNFC. The Bureau suggested that all commodities and sectors should be represented in the Working Group.

39. The Chair informed that the recommendations of the G-axis and E-axis sub-groups would be considered in the update.

40. The Chair suggested that there will be a need to provide a set firm rules (as opposed to guidelines) for petroleum, solid minerals and uranium, which are also consistent with PRMS, CRIRSCO Template, IAEA “Red Book”, as well as the other bridged systems. The Bureau agreed on the need for consistent specifications for all commodities.

Item 14. Update on Cooperation with African Minerals Development Centre

41. The Chair informed that an MoU was proposed between UNECE and AMDC on cooperation on UNFC and its application in Africa. However, since the UN Economic Commission for Africa (ECA) currently hosts AMDC. However, it was proposed that an MoU may not be necessary between sister regional commissions and the cooperation could be formalized through an exchange of letters. This suggestion has been forwarded to ECA-AMDC for comments.

Item 15. Cooperation with EU GeoERA Project

42. The Chair briefed on the UNECE cooperation with the EU project GeoERA “Establishing the European Geological Surveys Research Area to deliver a Geological Service for Europe”. It is a new EU-funded programme established by more than 45 national and regional Geological Surveys from more than 30 countries across Europe.

43. GeoERA was initiated through EuroGeoSurveys, as part of the realization of its “vision towards a Geological Service for Europe”. UNECE was invited to be represented in the Stakeholder Council of the Project.

44. The project kick-off meeting was hosted by TNO, the Geological Survey of the Netherlands, 16 – 18 January in Utrecht. Charlotte Griffiths participated. Discussion included advantages in using UNFC as a harmonizing tool for different classification systems employed by the project members.

Item 16. Education and outreach

Documentation: List of events promoting UNFC in 2017–2018 *as at 23 January 2017*

45. The Chair drew attention to the list of events and asked for feedback on any events held in December or January or any planned over the coming months. The Chair mentioned two events of particular importance:

- EFG UNFC Conference, Brussels: Planned to be held during 9–10 February 2017 in Brussels will be held in cooperation with the European Commission and European Parliament.

- GKZ and UNECE UNFC Workshop, Moscow: Planned to be held during 30 – 31 May. Oil & gas bridging document and proposed solid minerals bridging document will be discussed in the workshop.

Item 17. Uniform renaming of Task Forces and Working Groups

46. The Chair informed the need to put in place a uniform naming system for EGRC Task Forces, Working Groups, Sub-Committees, Sub-groups as was discussed in the Bureau calls on 14 December 2016.

47. The Bureau agreed to the proposal to rename the various sub-groups as:

- Working Groups (for longer term functions in different sectors) – Can have Sub-groups under them.
- Task Forces (for short term defined tasks)

Item 18. Date of next Bureau calls

48. The next Bureau calls are planned to be held during 27 February – 3 March / 20 – 24 March. The usual availability notice will be circulated.

Item 20. Any other business

49. The Chair requested all Bureau members to attend the Resource Classification Week 2017 and do the online registration as early as possible.
