

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

**From:** David MacDonald, Jim Ross and Charlotte Griffiths

**Conference Calls with the Bureau of the  
Expert Group on Resource Classification (EGRC)  
9am and 3pm 11 September 2013 (BST)  
FINAL MINUTES**

**Present on 9am Call:**

1. David MacDonald (Chair)
2. Karin Ask (petroleum sector)
3. Sim Caluyong *representing* Adichat Surinkum (CCOP)
4. Capella Festa *representing* Fatih Birol
5. Kjell Reidar Knudsen (Norwegian Petroleum Directorate)
6. Jim Ross (petroleum sector)
7. Charlotte Griffiths (UNECE)

**Present on 3pm Call:**

1. Jim Ross (Chair)
2. Karin Ask (petroleum sector) for first 30 minutes
3. Paul Bankes *representing* Roger Dixon (CRIRSCO)
4. David Elliott (financial reporting sector)
5. Tim Smith (SPEE)
6. Hari Tulsidas (IAEA)
7. Brad van Gosen (USGS)
8. Charlotte Griffiths (UNECE)

**Apologies:**

1. Fatih Birol (IEA)
2. Leesa Carson (Geoscience Australia)
3. Roger Dixon (CRIRSCO)
4. Mucella Ersoy (Turkish Coal Enterprises)
5. Michael Lynch-Bell (Chair Ex-officio)
6. Yuri Podturkin (Russian Working Group)
7. Rawdon Seager (SPE)
8. Adichat Surinkum (CCOP)

**Draft Agenda**

1. Approval of Draft Agenda
2. Draft Minutes of Bureau Calls of 24 July 2013
3. TAG Nominations
4. Proposal from Chair on Financial Reporting Item of EGRC Work Programme
5. Update on Task Force on Application of UNFC-2009 to Renewable Energy Resources
6. Update on Task Force on Application of UNFC-2009 to Recipient Reservoirs
7. Representative on Project Steering Group of DG Enterprise Project Statistical Information on Raw Materials Deposits
8. Education and Outreach
9. EGRC Documentation and Committee on Sustainable Energy Meeting, 21–22 November 2013

10. Any Other Business
11. Timing of Next Meeting

1. As the EGRC Chair was unexpectedly unavailable for the afternoon call, it was agreed that in the absence of both the First Vice Chair and the Chair Ex-officio Jim Ross would Chair this call.

**Item 1: Adoption of the Agenda**

2. The agenda was adopted without amendment.

**Item 2: Draft Minutes of Bureau Calls of 24 July 2013**

3. The draft minutes as circulated on 21 August were approved without amendment.

**Item 3: TAG Nominations**

4. It was noted that additional nominations for the Technical Advisory Group (TAG) had been received since the last Bureau call. The full list is now as follows:

- **CRIRSCO: Roger Dixon** (It was noted that Mr. Dixon's nomination is conditional on the time and expense required not being greater than the current requirement for the EGRC (frequent conference calls and e-mail exchanges plus one annual meeting in Geneva). Anything above that would have to be funded by a body other than CRIRSCO.)
- **SPE:** advice on the nomination will hopefully be possible following the meeting of the SPE Board in early October.
- **Government/petroleum: Per Blystad** of the Norwegian Petroleum Directorate
- **Government/petroleum: Maksim Saakian** (Mr. Saakian is the Deputy Director General of GKZ, Russian Federation).
- **Government/minerals: Leesa Carson** of Geoscience Australia.
- **Nuclear Fuel Resources:** the IAEA nomination is yet to be advised.
- **Financial Reporting:** Awaiting confirmation of the proposal put forward by the Chair Ex-officio, who also offered himself as a reserve.
- **Petroleum/renewables/private sector: Alistair Jones** of BP.

5. It was noted that John Etherington has also offered his support which would be contingent upon funding should input beyond emails and conference calls be required.

6. The Chair underlined that this is an impressive line-up and expressed thanks to all who have offered their support.

7. The Chair advised he would organize a conference call with all the nominees, which he would Chair, to discuss operational plans and other issues such as whether additional support from John Etherington and others might be needed. The call will be held in the knowledge that the TAG Terms of Reference (ToR) has yet to be formally approved. The ToR has been submitted to the Committee on Sustainable Energy for consideration at its twenty-second session in November.

8. As indicated in the ToR, the Bureau is tasked with electing the Chair of the TAG. This issue will be raised on the first call with the TAG nominees to see if there are any volunteers for the position of Chair, which will then be decided by the Bureau.

9. It was noted that the TAG once established will be able to propose modifications to its ToR as needed.

10. Whilst there are currently no extrabudgetary funds to support the work of the TAG or the EGRC, should funding be found in the future and a trust fund established at UNECE the new UN travel rules require all non-UN staff i.e. experts, consultants etc to travel in economy class regardless of the flight duration. It was noted that this “economy only” policy is implemented in a number of NGOs.

#### **Item 4: Proposal from Chair on Financial Reporting Item of EGRC Work Programme**

11. Dave Elliott’s proposal to establish a small Financial Task Force that he would be willing to run was circulated to the Bureau immediately after the last Bureau call in July for comment. A number of Bureau members responded offering their support for the proposal and that it would be key to the EGRC work programme in view that the financial reporting sector is one of the four stakeholder groups, whose needs UNFC-2009 has been designed to meet. CRIRSCO responded in more detail expressing its view that the formation of such a task force is outside the mandate of the EGRC and that it is not in favour of another Task Force before formed before the TAG is fully up and running (and funded). CRIRSCO indicated it would therefore not support the proposal.

12. During discussion, it was noted the financial sector is one of the EGRC’s four stakeholder groups and hence there is an obligation to consider if any additional work needs to be undertaken to support its needs. The conclusion of such a study could be that the needs of the financial sector are adequately addressed by the CRIRSCO Template and PRMS and hence no additional work is required. The Chair emphasized that there is no intention to touch on disclosure issues since, as has been previously been agreed, this is beyond the remit of the EGRC. The UNFC-2009 provides a system for classifying volumes/quantities.

13. It was agreed that, whilst taking good note of CRIRSCO’s concerns, the Chair will prepare a formal proposal as previously envisaged, following which the Bureau can discuss the issue further. The Chair noted that the TAG would be up and running prior to a decision on the proposal.

#### **Item 5: Update on Task Force on Application of UNFC-2009 to Renewable Energy Resources**

14. The Task Force, chaired by Frank Denelle, is being very proactive. The Task Force has held calls every month since its establishment: on 27 June, 29 July, and 30 August. All agreed minutes are circulated to the Bureau.

15. The Bureau feedback on the draft ToR for the Task Force was provided to the Task Force and the ToR has now been revised in the light of those comments and will be submitted to the Bureau for final approval. Following this the ToR will be submitted to the EGRC, the Committee on Sustainable Energy and posted to the UNECE website.

16. The Task Force will meet face to face in Rome on 25 September to prepare the agreed documentation for submission to the Energy Committee in November. The Rome meeting is kindly hosted by Gioia Falcone.

17. It was noted that the agreed deliverables for the Task Force are a written outline of how the application of UNFC-2009 to renewable energy resources will be accomplished with a timeline for each deliverable. This is to be prepared by 1 November 2013 for submission to the twenty-second session of the Committee on Sustainable Energy. It is anticipated that this documentation will be submitted to the Bureau for review and approval in mid-October.

18. The Chair expressed appreciation for the progress being made by the Task Force and for its commitment to delivering on its agreed outputs.

**Item 6: Update on Task Force on Application of UNFC-2009 to Recipient Reservoirs**

19. The Minutes of the conference call of the Task Force held on 17 July were circulated to the Bureau on 29 August. The Chair of the Task Force, Karin Ask, noted that a short call had also been held in August the minutes of which would also be circulated once approved by the Task Force.

20. The Task Force will meet in Paris on 18 September to advance its work as per the EGRC programme of work for 2013-2014. This meeting will kindly be hosted by the IEA.

21. It was noted that the agreed deliverables for the Task Force are a written proposal outlining what would be required for UNFC-2009 to be used to classify injection projects, in particular for the storage of CO<sub>2</sub>, and a timeline for this. This needs to be submitted to the Bureau for review prior to submission to the twenty-second session of the Committee on Sustainable Energy in November 2013. It is anticipated that this documentation will be submitted to the Bureau for review and approval in mid-October. The proposal and timeline also need to be made available to the Expert Group for information and comment.

22. The Chair expressed appreciation for the progress being made by the Task Force and for its commitment to delivering on its agreed outputs.

**Item 7: Representative on Project Steering Group of DG Enterprise Project on Statistical Information on Raw Material Deposits (Minventory)**

23. Following discussion on the last call on this project, feedback was received from Bureau members on the preferred nomination to represent the EGRC and UNFC-2009 on the Project Steering Group. Of the responses received most were in favour of Sigurd Heiberg. However, one Bureau member indicated Stephen Henley, Deputy Chairman of PERC, as a candidate he could support. Both CRIRSCO and SPE expressed the view that the nominee should preferably be familiar with solid minerals.

24. Following discussion and noting that PERC is already represented on the Steering Group, it was agreed that Sigurd was the preferred nomination to represent EGRC and UNFC-2009. Sigurd will be encouraged to seek input from solid minerals experts as may be needed.

25. The USGS representative noted that he had also been approached to participate in this Project and has nominated a colleague working on a similar inventory initiative at USGS.

## **Item 8. Education and Outreach**

### **(i) General Update**

26. The Chair provided a general update referring to the updated List of Events in 2013-14 at which a presentation on the UNFC had been or it is anticipated will be made that was circulated with the agenda for the call. He noted that the Communications Sub-Committee is next due to meet at the end of September, the call planned in August having been cancelled.

27. There are more than 15 events foreseen in the period September-December at which the UNFC will be presented. This is a significant commitment and requires time and effort to not only secure volunteers but also to secure travel funding if this is needed. Efforts are being made to expand the pool of UNFC presenters. One of the petroleum sector representatives advised that she is on the Organizing Committee for the SPE Hydrocarbon Economics and Evaluation Symposium to be held 19–20 May 2014 in Houston – it was noted that the SPEE representative has agreed to submit an abstract for a presentation on UNFC-2009 at this event. The CRIRSCO representative advised that the CRIRSCO AGM in November will now be held in Bogota and not Buenos Aires. The USGS representative advised that a presentation on UNFC-2009 will be delivered at the IAEA Technical Meeting on Thorium Resources and Provinces to be held in Vienna, 24-27 September 2013. The USGS representative offered to assist with distributing material on the UNFC in the journals at which he has contacts. The IAEA representative advised that there was significant interest in the UNFC at the IAEA Regional Workshop on “Uranium Mining and Opportunities for Socio-Economic Development in Africa”, Kinshasa, DR Congo, 26-30 August. At this meeting, Malawi requested support for mandating UNFC-2009 nationally. A meeting to facilitate this is envisaged back-to-back with the IAEA Regional workshop on “Uranium exploration and resources in Africa: Challenges and opportunities” that will be held in Lilongwe, 25-29 November, 2013.

28. A number of upcoming events were highlighted:

### **(a) New Delhi, India, 29-30 October**

29. This event will now be more of a conference than a workshop with around 200 participants. It will be funded by the World Bank. The new title proposed is: “Sustainable Mining and the UNFC: Challenges and Opportunities in India”. Partners will be the Ministry of Mines, Indian Bureau of Mines, Ministry of Coal, Ministry of Petroleum, TERI, and the Federation of Indian Mineral Industries amongst others.

30. The Government of India is undertaking key reforms to strengthen governance of the Indian Mining sector. At the highest level the Sustainable Development Framework (SDF) for the Indian Mining Sector will guide a process of reform that will modernize and streamline administrative systems to improve sector performance. The World Bank is supporting this effort through implementation of Non-Lending Technical Assistance awarded to the Indian Ministry of Mines to undertake initial capacity building within the Indian Bureau of Mines (IBM). The IBM reform roadmap initial assistance starts with (a) the creation of a transparent mineral tenement system (MTS); and (b) the preparation and approval of mine plans which includes capacity building around the adoption of UNFC-

2009. The World Bank recently agreed with the Ministry of Mines to support our event as part of this assistance package.

31. The intent of the World Bank is that this will be the start of a programme of assistance to India on application of the UNFC across all extractive activities. The secretariat has been asked to provide a list of potential consultants and other experts who would be willing to assist with training and case studies (to be funded by the World Bank). The secretariat has also been asked if the EGRC can offer any assistance to India in preparing the case studies to be undertaken for presentation at the workshop related to geological exploration and application to coal and uranium resources.

32. The USGS representative offered to provide names of potential experts who could assist with the case studies.

33. The event is anticipated to attract significant media attention. A communications package on UNFC-2009 will be prepared.

34. The Bureau noted the importance of this event and the collaboration with the World Bank. The World Bank has indicated its interest in inviting experts from countries neighbouring India as well as in Africa. The IAEA representative agreed to provide details of uranium projects that the World Bank is funding in African countries.

(b) **National and International Conference on Classifications of Subsoil Resources, State and Prospects of Usage. Adaptation to UNFC-2009, Kiev, Ukraine, 26-29 November:**

35. Further to the discussions on the last Bureau call, including the desire to provide good support for the event and the concerns over the timing, no additional feedback has been received from the State Commission of Ukraine on Mineral Resources regarding the possibility to postpone the event to Q1 2014.

(c) **Presentation of UNFC to Cuban Government Officials, end-October**

36. The Norwegian Petroleum Directorate (NPD) has been invited to present on resource classification to members of the Cuban Central Government including advisers – the group will total around 100 persons. Upon request on their preferred focus for the presentation, the UNFC was indicated as the primary topic. Per Blystad, NPD, will deliver the presentation in Havana on 28 October. A 30 minute high-level presentation to Ministers is being planned, followed by a half to one-day presentation to the advisers on the full application of UNFC. The secretariat is working with Mr. Blystad to prepare material and Oscar Roldan of the National Hydrocarbons Commission of Mexico has kindly offered to assist with translation into Spanish. A goal of the event is to secure Cuban participation at the next EGRC meeting. The event will result in a series of slides on the UNFC in Spanish.

**Item 9: EGRC Documentation and Committee on Sustainable Energy Meeting, 21–22 November 2013**

37. Three official documents related to the work of the EGRC have or will be submitted for this meeting:

- (i) Specifications for the Application of UNF-2009
- (ii) Procedural Matters relating to the EGRC – this document includes a summary of all the issues requiring the attention and/or action of the Committee on Sustainable Energy including:
  - Revised ToR of the EGRC
  - Renewal of the EGRC mandate, which expires end-2014
  - Approval of the Programme of Work for 2013-2014
  - Specifications for the Application of UNFC-2009
  - ToR for the TAG
  - Report on Implementation of UNFC-2009
  - the document also refers to the work on the application of the UNFC to renewables and recipient reservoirs that will be presented as unofficial working documents.
- (iii) Report of Implementation of UNFC-2009 – a draft text was circulated to the Bureau for comment on 28 August. Based on the feedback received a revised version will be prepared and submitted to the Bureau for approval.

38. There are two unofficial working documents planned, which the Bureau will be required to review and agree on in October prior to submission to the Committee on Sustainable Energy:

- (i) Proposal and timeline for the use of UNFC-2009 for classifying injection projects
- (ii) Proposal and timeline for the application of UNFC-2009 to renewable energy resources.

**Item 10: Any Other Business**

(a) Update on status of “Red Book” and UNFC-2009 Bridging Document

39. The representative of IAEA advised that the Bridging Document between the OECD Nuclear Energy Agency/IAEA Uranium Classification and UNFC-2009 is currently with the Uranium Group for comment, with a deadline for feedback of end-October. No comments have been received to date and no major comments are anticipated. The document will be tabled for discussion at the 50th Joint OECD-NEA/IAEA Uranium Group Meeting in Paris, 6–8 November 2013. In the event that there are no comments at this meeting, the Bridging Document will be included as an Annex in the “Red Book”. It was noted that the Bridging Document will need to be submitted to the Bureau and the EGRC for approval.

(b) COGEH Guidelines for Resources other than Reserves

40. The Bureau was informed that as a result of numerous reviews of resource reports, the Alberta Securities Commission requested the SPEE Calgary to prepare improved evaluation and classification guidelines for "resources other than reserves", particularly unconventional contingent and prospective resources (i.e., UNFC E axis 2 to 3, F axis 2 to 4), for the Canadian Oil and Gas Evaluation Handbook (COGEH). Following comments on an initial working draft, including input from several Bureau members, a revised draft is expected to be ready for circulation for review and comment to SPEE Calgary members within the next month and, subject

to the approval of the SPEE Calgary, to others. A final version is planned to be completed in the first half of 2014.

(c) IEA World Energy Outlook 2013

41. The IEA representative advised the Bureau that UNFC-2009 will be referred to, albeit briefly, in the 2013 edition of the IEA World Energy Outlook.

**Item 11: Timing of Next Meeting**

42. The next Bureau call will be held during the period 7– 18 October 2013. The usual availability notice will be circulated.

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