

**To:** Members of TAG  
**From:** Alistair Jones, TAG Chair

<b>Technical Advisory Group Meeting</b> <b>19 Dec 2017</b> <b>MINUTES</b>
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*Attendees:* Alistair Jones (Chair), Karin Ask, Frank Denelle, Adrienne Hanly, Michael Haschke, Ulrich Kral, Charlotte Griffiths, Hari Tulsidas

*Apologies:* Satinder Purewal

**Approval of draft agenda**

1. The draft agenda was approved

**Minutes of TAG meeting of 23<sup>rd</sup> Nov 2017**

2. The draft minutes of the 23<sup>rd</sup> Nov 2017 meeting were approved.

**Review of Documents for EGRC-9**

3. The chair had updated the Document Review Plan and circulated to TAG on 4<sup>th</sup> Dec. This closes the action from paragraph 13 of the previous meeting.

4. The Bureau meeting of 12<sup>th</sup> Dec 2017 agreed that TAG will not review Task Force documents being prepared for EGRC-9. The Bureau requested TAG to review the external AMREC Framework document when it is available. This closes the action from paragraph 11 of the previous meeting.

5. Working Group (WG) chairs had not had an opportunity to seek volunteers to review documents. The following actions were agreed:

Action 1: The TAG chair will email members of the previous TAG to seek volunteers to undertake reviews required by 15<sup>th</sup> Jan.

Action 2: WG chairs will seek volunteers, with a good knowledge of UNFC, to undertake reviews required by 15<sup>th</sup> Mar.

**TAG Terms of Reference (ToR)**

6. The Bureau meeting of 12<sup>th</sup> Dec 2017 approved the draft TAG ToR conditional on 2 changes:

- clarification of the phrase “Working Groups report through the TAG” to explain that this means that WG will keep TAG informed on plans, activities, progress and concerns
- modify one of the TAG responsibilities from “Review Working Group Terms of Reference, objectives and plans and recommend to the Bureau” to “Review Working goals, objectives and plans and recommend to the Bureau”. The Bureau considered that the WG generic scope, set out in the TAG ToR, is sufficient. The WGs should focus on developing work plans.

7. The ToR had been updated with these changes and circulated to the TAG on 13<sup>th</sup> Dec. The TAG agreed with the changes and the ToR is now finalised (document TAG ToR 171213). This closes the action from paragraph 6 of the previous meeting.

## **TAG Commercial Member**

8. The Bureau meeting of 12th Dec 2017 agreed with the proposal that the TAG chair appoint a commercial expert to the TAG. This closes the action from paragraph 8 of the previous meeting.

9. The Secretariat explained that there is interest in forming a Commercial WG.

Action 3: The TAG chair will discuss with the Secretariat and EGRC chair, the possibility of a Commercial WG and who to appoint as commercial representative on the TAG.

## **Working Group Updates**

10. WG chairs provided updates on the status of the WGs (Satinder had provided this in advance for the Petroleum WG):

### Anthropogenic Resources

- Revising the specifications by considering the public and non-public comments [Facilitator: Ulrich]
- Developing case studies to test the applicability of the specifications
- Organizing the Symposium on anthropogenic resource assessment during the Resource Classification week 2018 in consultation with Hari
- Developing a project proposal for an international training network on anthropogenic resource classification (PhD program for 4 years, submission Feb 2019) [Facilitator: Soraya]
- Outreach activities: Presentations and sessions at Conferences
- Potential future tasks
  - ToR for WG on Anthropogenic Resources, including rules for reviewing case studies
  - Competent Persons: Establishing a network and cooperation, quality assessment, etc.

### Injection

- The WG chair is helping to develop SPE SRMS guidelines.
- OGCI (industry-led Oil and Gas Climate Initiative) is considering a proposal to compare the SPE PRMS with the UNFC Injection Specifications. TAG may be asked to review the comparison.
- The WG beginning to address injection case studies.

### Minerals

- The MWG will have a first telcon meeting on 20<sup>th</sup> Dec 20<sup>th</sup>
- Writing tasks for the White Paper have yet to be distributed.
- The WG will focus on 4 areas:
  - Defining and scaling the controlling factors
  - Definition of mineral life cycles
  - Certification of mineral resource recovery chains
  - Preparation and foreseeing the future of mining
- Reviewers have yet to be identified

### Nuclear Fuels

- Organizing a consultancy meeting for Nuclear Fuels WG to work on technical documents and discuss pending topics related to uranium resources and other nuclear fuels during the Resource Classification week 2018 in (Adrienne in consultation with Hari)

- Organizing and writing the joint IAEA/UNECE technical document “Application of the United Nations Framework Classification for Resources (UNFC) for Commissioning and Implementing Uranium Projects” (led by Julian Hilton).
- Outreach activities: Presentations and sessions at conferences/symposia (i.e. URAM) and IAEA Technical Meetings/Workshops and IAEA Technical Cooperation activities (WG members, Adrienne and others in section at IAEA).

#### Petroleum

- Bridging CCPR2004 to UNFC: MLR Minister meeting due to conduct a group deliberation on the draft BDs between UNFC and Chinese systems. Expect approval for public comment soon
- Case studies for Russian Petroleum RF2013 to UNFC: 2 case studies completed; 3rd case study somewhat complicated especially giving differences between UNFC and PRMS
- To date there are 12 members and 12 associates. Developing ToR
- A draft position paper on NOC/UNECE collaboration has been written and WG members have been asked to comment. The aim is to finalise by end Dec
- Considering a case study for Mexico using UNFC. Currently Mexico use PRMS but would like to consider the social and environmental aspects with UNFC
- Potential project, with CCOP for use in the Far East, on UNFC guidelines for Petroleum
- Potential Review of PRMS and UNFC mapping

#### Renewables

- Geothermal: an updated set of 14 case studies have been published electronically and paper copies will be published in 2018. There will be a telecon, including IGA, on 21<sup>st</sup> Dec
- Solar: specifications are being developed for EGRC-9
- Bioenergy: further case studies are being developed. The ToR is being updated
- Wind: the ToR has been finalised. Will confirm in January whether a 1<sup>st</sup> draft of specifications will be developed for EGRC-9
- Hydro: continuing to try to move forward
- Marine: will hold a telecon in early 2018 on a potential Marine Sub Group
- Annual Renewables Workshop: it was not possible to hold this in 4Q and so it will be held in 1Q18 or during the EGRC week.

#### **UNFC Revision Task Force**

11. The TAG chair contacted the chair of the UNFC Revision Task Force (Dave MacDonald) to let him know that Frank and Satinder have volunteered to join the Force, dependant on the work load, and asked for clarification of the work involved. This closes the action from paragraph 4 of the previous meeting.

#### **AOB: EGRC-9 meeting**

12. It is important to achieve good attendance at EGRC-9 and that new EGRC members attend.

Action 4: WG chairs will encourage members of their WG to attend EGRC, especially new members.

#### **Next meeting**

13. It was proposed to schedule the next TAG conference call during the week beginning 29<sup>th</sup> Jan. Hari will issue a doodle poll to select a firm date.