

**To:** Members of the Technical Advisory Group  
**From:** Alistair Jones, TAG Chair

<b>Technical Advisory Group Meeting</b> <b>12 Oct 2017</b> <b>MINUTES</b>
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*Attendees:* Alistair Jones (Chair), Jan Bygdevoll, Vera Bratkova, Roger Dixon, Hari Tulsidas, Charlotte Griffiths, Steve Griffiths, Alex Shpilman, Brad Van Gosen

*Apologies:* Andrew Barrett, Steve Griffiths, Dominique Salacz,

**Approval of Draft Agenda**

1. The draft agenda was approved.

**Minutes of TAG meeting of 31 Aug 2017**

2. The draft minutes of the 31 Aug 2017 meeting were approved and can now be posted on the website.

**Petroleum – status update**

CHINESE PETROLEUM CLASSIFICATION BRIDGING DOCUMENT

3. Awaiting MLR approval of the Petroleum Bridging Document. At the recent China Minerals conference, the Chinese Minister made supportive comments about the Minerals and Petroleum Bridging Documents. There is the possibility that these will be received in time to complete public comments before the April 2018 EGRC meeting.

4. It is recognised that some changes may be proposed in the final versions of the Chinese Petroleum and Minerals Bridging documents. These would require TAG review and this may have to be completed quickly to meet the timelines discussed above.

5. There was discussion about who would do these reviews in the new organisation. The plan is that it would be the same members of the current TAG reviewing any changes as those who previously worked on the documents. This team would also be led by the same person as previously. This is a model for how reviews will work in the new organisation: a team of reviewers and a lead will be formed from the Working Groups. This team will work on the document, keeping the TAG chair informed.

OIL AND GAS CASE STUDIES

6. A third Russian case study has been drafted and will be reviewed. The group are considering setting up storage in the Cloud to facilitate working on a common document. Work on the case studies will continue with the same members, now within the Petroleum Working group.

**Minerals – status update**

CHINESE SOLID MINERALS CLASSIFICATION BRIDGING DOCUMENT

7. Awaiting MLR approval of the Minerals Bridging Document. See comments above, under Petroleum, on MLR agreement, potential timing of the public comments and the TAG review process.

## **Renewables – status update**

### **BIOENERGY**

8. UNFC bioenergy specifications were approved by the Committee on Sustainable Energy on 28<sup>th</sup> September. The Press Release is on the UNECE home page at <http://www.unece.org/?id=47042> (Additional note, not discussed at the meeting: As agreed at the previous meeting, TAG reviewed changes following public comment and send its recommendation to the Bureau and to the Bioenergy Sub Group on 7<sup>th</sup> September.)

### **SOLAR PROJECT**

9. A complete ‘zero draft’ of the Solar Specifications has been developed and is being reviewed by the Solar Sub Group.

### **GEOHERMAL**

10. Under the modus operandi that was presented at the last EGRC meeting in Geneva, the activities concerning the maintenance, dissemination and update of the geothermal specifications fall under the umbrella of the IGA R&R committee, which is chaired by Graeme Beardsmore and has been split into 3 ad hoc sub-groups. IGA R&R sub-group A (co- led by Paolo Conti and Rob Hogarth) is currently evaluating options to promote implementation of the geothermal specifications. IGA R&R sub-group B (led by Gioia Falcone) is currently on stand-by, awaiting UN publication of the geothermal case studies and identification of funding resources to assess case studies and define the boundaries between classification and quantification of geothermal resources. IGA R&R sub-group C (led by Malcolm Grant) is focusing on the development of guidelines for estimating the probabilistic range of quantities of energy products that can be delivered by a defined Project.

### **WIND**

11. The resourcing of the Wind Sub Group is now complete and this has 9 members including the chair. The last 2 invitees to the group had declined the previous week because they could not dedicate resources to the Sub Group.

12. The chair of the Wind Sub Group met with the chair of the Solar Working Group. Solar are working on a 2-axis classification system. Wind may replicate this system and then initiate the Wind specifications.

13. TAG noted that it will be important that the Wind and Solar Sub Groups share their insights with the UNFC Update Task Force and that developing Specifications are kept in step with the development of UNFC.

### **HYDRO**

14. There was no Hydro update.

## **Anthropogenic Resources – status update**

12. The comment period for the draft Anthropogenic Specifications closed on 12<sup>th</sup> Oct. The review of any updates resulting from public comments will be conducted by the same members of TAG as previously.

## **Nuclear Fuel Resources - status Update**

14. The Working Group are expecting to receive a new case study from Argentina with a month.

### **Injection Projects - status Update**

15. There is nothing further to report from the Injection Working Group.

16. A representative from Gassnova gave a presentation on carbon storage at the Sustainable Energy Committee meeting in September. The UN Secretariat is reaching out to Gassnova.

17. It was noted that many of the current carbon storage injection projects are in China. The UN Secretariat will try to establish contact with the Chinese on this topic.

### **Task Force – status updates**

#### **E-AXIS TASK FORCE**

18. The Task force is continuing to prepare 2 documents for the 2018 EGRC, as described at the last TAG call.

### **Update on TAG reorganisation**

19. TAG Petroleum and Minerals and Petroleum experts have been invited to join the new Minerals and Petroleum Working Groups, but these groups have not yet met.

20. Concerns about the new organisation had previously been raised by email. These were discussed and it was recognised that communication about how the new organisation would work, and roles in the new organisation, had not been handled with sufficient clarity, respect and openness. It was emphasised that current members of TAG who are now members of commodity working groups will continue to be asked to review and make recommendations on documents as they have done up to now. They will continue to have a very important role as advisors and in helping to establish effective review processes in the new organisation.

21. As described above, ongoing TAG work will be handled by the same current TAG members as now, but as members of their relevant commodity groups. It was agreed that the chair would compile, agree and distribute a list of these ongoing projects and who is contributing to or leading the reviews.

22. It was agreed that this would be the last meeting of this as we would now be continuing the work through the revised organisation.

23. The call ended abruptly because poor sound quality made it too difficult to continue. By email the chair checked that no further discussion was required.

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