

To: Members of the Technical Advisory Group
From: John Etherington, TAG Chair

**Technical Advisory Group Meeting
5 January 2016 – 1:00 pm GMT
MINUTES**

Attendees: John Etherington, Jan Bygdevoll, Alistair Jones, Dominique Salacz and Alexander Shpilman

Observer: Charlotte Griffiths

Apologies: Santosh Adhikari, Andrew Barrett, John Barry, Roger Dixon, Maksim Saakian, Danny Trotman, Harikrishnan Tulsidas and David MacDonald (Observer)

Approval of Draft Agenda

1. The draft agenda was approved as submitted.

Minutes of TAG meeting of 11 November 2015

2. The draft minutes of the 11 November 2015 meeting were approved and can be posted on the UNECE website.

Status Update: New GKZ Petroleum Classification Bridging Document – John Etherington

3. The Russian GKZ submitted a report entitled “Mapping of RF Classification of Reserves to UNFC-2009 by Categories and Classes” on December 31, 2015. The document builds on results of the October GKZ-TAG working session. The TAG sub-group has been asked to provide feedback and comments by 15 January.

4. It remains the goal of the TAG to present a TAG recommended and Bureau approved bridging document to the 7th session of the EGRC. Thus, a finalized version should be available by 5 April 2016.

Status Update: Bridging Document to Chinese Petroleum Classification – Dominique Salacz

5. Dominique Salacz is arranging a work session in Beijing in early February 2016 with Yang Hua and the Ministry of Land and Resources (MLR). This will be the TAG’s initial official contact on this project. It is the intent of the Chinese to complete a bridging document prior to the 2017 EGRC meeting.

Status Update: Bridging Document to Chinese Solid Minerals Classification – Roger Dixon

6. The TAG has been informed that two projects have been approved at the highest level in China regarding solid minerals. The first was to continue with the bridging and mapping of the Chinese system (CMRRC) to the UNFC 2009. Dr. Dawei of MLR will arrange for Roger Dixon to visit China to progress this project sometime in February 2016. The second project was to develop a CRIRSCO aligned code which would also require bridging and mapping of the existing system to the Template.

Status Update: Renewables – Geothermal and Bioenergy Projects – Alistair Jones

7. The Geothermal Working Group plans to have a draft Specifications Document available for discussion at the 2016 EGRC meeting. A series of “white papers” are being developed as part of their studies. The Bioenergy Working Group will not be presenting a draft bioenergy specification to the EGRC, only an update on the status of progress made.

8. The Renewables working group has provided a comprehensive schedule of projects leading up to the 7th Session of the EGRC. Preliminary dates for TAG reviews are as follows:

- Bioenergy - White paper on Access & Entitlement – 8-22 Jan
- Geothermal Specifications – 7-26 March
- *G-axis Specifications – 19 Feb - 7 March
- Update of Generic Specifications – 26 March – April 8
- Bioenergy E-axis – 9-16 April

9. *The **G-axis Working Group** is administered through the Renewables Task Force. Its remit is to consider the extension of the definition and revision of the name of the G-axis to be more applicable to renewables whilst maintaining robustness for minerals and petroleum.

10. The EGRC Work Plan for 2016-2017 calls for the Bureau to review and prepare a guidance note on the definition of a project in relation to UNFC-2009. This is also referred to as the **F-axis study**. While a project was originally defined in UNECE Series 42 (page 29) as utilized in petroleum and solid minerals assessments, it may require some modification as applied to renewables. Jim Ross is preparing the first draft scheduled for TAG review in August 2016.

Status Update: Specifications for the Application of UNFC-2009 to Injection Projects for the Purpose of Geological Storage – Jan Bygdevoll

11. The revised draft Specifications Document and supplemental report will be available for TAG review in late February 2016. The TAG recommended and Bureau approved document will be submitted for the 7th session of the EGRC by 5 April.

Status Update: Uranium/Thorium Guidelines and Case Studies – Harikishnan Tulsidas

12. Application of UNFC 2009 to Nuclear Fuel Resources - Case Studies" (ECE ENERGY SERIES No. 46) was issued on 30 December and posted to the UNECE website. These are the eight case studies that accompanied the Uranium/Thorium guidelines.

13. The Nuclear Fuels Task Force is proceeding to develop an accompanying “guidebook” and has scheduled a meeting in Geneva on 25-26 April 2016 to finalize this document.

Other Business

(i) E-axis Working Group – John Etherington

14. The E-axis Sub-group chaired by David Elliott will present this project at the 7th session of the EGRC in April. A formal report will be submitted for TAG review prior to this session.

(ii) Consolidated Schedules/Review Process

15. The TAG Chair was requested to provide a consolidated timetable of TAG reviews leading up to the 7th EGRC Session. It was noted that the full TAG should not be required to read the large volume of detailed reports within the short review periods currently being

scheduled. The primary TAG project contacts should prepare a summary of project reports and highlight key issues for the full TAG review leading to a final recommendation to the Bureau. Typically three weeks should be allowed for a full TAG review.

(iii) UNFC Document Process and Timetables

16. Charlotte Griffiths provided the TAG an overview of the process and timetables to meet the UNECE requirements regards “official documents” versus “unofficial documents” regards submittals to the EGRC and subsequently to the Committee on Sustainable Energy.

The timetable was included in the TAG 11 November 2015 minutes and is repeated here for reference:

EGRC Seventh Session, 26–29 April 2016

Document submission deadlines

- Official document for translation in all languages: 15 February 2016
- Official document in English only: 5 April 2016
- Room (unofficial) documents : no official deadline but ideally by 14 April 2015

Committee on Sustainable Energy, 28–30 September 2016

Document submission deadlines

- Official document for translation in all languages: 18 July 2016
- Official document in English only: deadline 7 September 2016

(iv) TAG Annual Meeting at EGRC 7th Session

17. Charlotte will book a room for the annual TAG meeting on Tuesday 26 April 2016 in the Palais des Nations, Geneva, from 1:30 to 3:00 pm being during the lunch break of the Workshop on the United Nations Framework Classification for Fossil Energy and Mineral Reserves and Resources 2009.

Next Meeting

18. The next meeting will be scheduled during the period 8-12 February 2016. Charlotte will provide alternative dates in a “doodle poll”.
