

Report on CRIRSCO activities at the Expert Group on Resource Classification (EGRC)

1. Roger Dixon and Paul Bankes represent CRIRSCO on the Expert Group on Resource Classification (EGRC) which operates under the Economic and Social Council of the Economic Commission for Europe. CRIRSCO participates at the Bureau Level and at the Technical Advisory Group (TAG) Level and participates in regular conference calls for both bodies.
2. Both CRIRSCO representatives attended the 6th Session of the EGRC held in Geneva on 28 April -1 May 2015. The session was well attended, considering the economic climate, with more than 200 people in attendance. There were 25 ECE member countries, 21 non-member countries, 16 international and non-governmental organisations and 7 universities represented.
3. The Expert Group (EG) recommended that a formal mechanism be established with CRIRSCO and SPE and any other systems bridged to UNFC to ensure that the EG and Bureau is able to monitor and discuss any potential revisions being considered with regard to planned updates to the CRIRSCO Template, PRMS or other bridged systems.
4. The EG requested the TAG to assist the Chinese authorities to develop a mapping/bridging document between the CMRRCS and the Chinese Petroleum Resources/Reserves Classification system.
5. It was agreed in a side meeting that it would be of benefit to develop a mapping/bridging document for the Template and PRMS.
6. The EG recommended that the G axis name, category definitions and supporting explanations be reviewed in detail during the next update of UNFC 2009. There is a difference in interpretation of specifications for this axis between The Template and PRMS which will be exacerbated by the renewables sector.
7. There were several presentations made on the role of the Competent Person including one by Roger Dixon on behalf of CRIRSCO.
8. The EG accepted the revised Bridging Document between the Template and UNFC 2009 which was necessitated by the changes to the Template in November 2013.
9. The Organisation for Economic Co-operation and Development (OECD) and the Nuclear Energy Agency/International Atomic Energy Agency (NEA/IAEA) classification system contained in the "Red Book" had been endorsed by the Committee on Sustainable Energy in November 2014. A bridging document and guidelines will now be developed to aid transfer of resources from the "Red Book" to UNFC 2009 and vice versa.
10. Eight cases studies were presented for reporting Nuclear Fuel Resources from the USA, China, Niger, Argentina, Brazil and Malawi.
11. The Task Force in place to generate specifications for the application of UNFC 2009 to renewable energy resources reported on the progress made by different Working Groups. In particular the geothermal WG and the Bioenergy WG.
12. Draft generic specifications applicable to renewable energy were accepted and made available on the ECE website as a draft document.
13. The Task Force for classifying injection projects presented draft specifications for the storage potential of available reservoirs.
14. The following case studies were presented on testing of and mapping to UNFC 2009:
Geo-energy resources in Europe;
Potential mapping to China system by Mr Li Jian;
Harmonised Mineral resources classification for Europe from EuroGeoSurveys;
Resource Classification in Uzbekistan;
Application of UNFC in Thailand;

- Overview of reserve estimation and categorization by representative of ONGC India;
Update on Minventory by ECE representative
Mineral potential of Serbia and alignment with PERC and PRMS;
15. ToR agreed for E- axis sub-group which was formed to review and draft specifications on impact of environmental and social issues on feasibility;
 16. CRIRSCO have not nominated a replacement for S Henley on the Communications sub-committee.

Since the 6th session

17. At the Bureau level there has been discussion on the work of the Task Force looking at the social impact on the Economic (E) axis of UNFC 2009. This was the Task force which Tony Hodge of ICMM was participating in before his departure. CRIRSCO did provide comment on the work to date.
18. At the TAG level there are several task forces working on renewable energy and carbon capture. The emphasis has been on bio fuels and geothermal energy with the objective of defining a resource classification system for them. There is a proliferation of oil and gas people on the Task Force with nothing much from the minerals industry.
19. Also at the TAG level there has been interaction with the Nuclear Energy Authority (NEA) and the International Atomic Energy Agency (IAEA) on a set of guidelines for the use of UNFC 2009 for the classification of Uranium and Thorium resources. The CRIRSCO Template is also covered extensively in the guidelines as an alternative classification system. The guidelines are a supplement to the "Red Book" which is issued every 2 years on the supply and demand situation for Uranium and Thorium. Because of the subject matter there are a lot of countries participating with the IAEA on the guidelines. CRIRSCO headed the TAG review of the guidelines and also had a representative on the working group compiling the guidelines.
20. Edmundo Tulcanaza from Chile will be representing CRIRSCO at a UNFC conference which will be held in Havana, Cuba in the beginning of December;
21. There has been communication with the National Director of Geology in Mozambique requesting a course on International Reporting Standards