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

From: David MacDonald and Charlotte Griffiths

Conference Calls of the Bureau of the Expert Group on Resource Classification (EGRC)

1 September 2016

MINUTES

Present on 9am BST 1 September Call:

- 1. David MacDonald (Chair)
- 2. Karin Ask (petroleum sector)
- 3. Kjell Reidar Knudsen (Norwegian Petroleum Directorate)
- 4. Jim Ross (petroleum sector)
- 5. Slavko Solar *representing* Anne Auffret (European Commission)
- 6. Danny Trotman (financial reporting)
- 7. Charlotte Griffiths (UNECE)

Present on 3pm BST 1 September Call:

- 8. David MacDonald (Chair)
- 9. Sim Caluyong representing Adichat Surinkum (CCOP)
- 10. Roger Dixon (CRIRSCO)
- 11. David Elliott (financial reporting sector)
- 12. Jim Ross (petroleum sector)
- 13. Igor Shpurov (GKZ Russian Federation)
- 14. Hari Tulsidas (IAEA)
- 15. Brad Van Gosen (USGS)
- 16. Radoslav Vukas (Serbia)
- 17. Charlotte Griffiths (UNECE)

Observer:

18. John Etherington (TAG Chair, *observer*)

Apologies:

- 1. Tunde Arisekola (NGSA)
- 2. Anne Auffret (European Commission)
- 3. Fatih Birol (IEA)
- 4. Mucella Ersoy (Turkish Coal Enterprises)
- 5. Gioia Falcone (geothermal sector and academia)
- 6. Michael Lynch-Bell (financial reporting and solid minerals)
- 7. John Ritter (SPEE)
- 8. Bernard Seiller (SPE)
- 9. Adichat Surinkum (CCOP)
- 10. Narendra Verma (petroleum sector)

Draft Agenda for EGRC Bureau Calls on 1 September 2016

- 1. Approval of draft agenda (attachment 1)
- 2. Draft minutes of Bureau calls of 28 June (attachment 2)
- 3. Guidance Note to support UNFC-2009 Definition of a Project
- 4. G axis Update
- 5. Guidance Note on Competent Person
- 6. RF2013 and UNFC Bridging Document Public Comment Update
- 7. Technical Advisory Group Update (attachments 3 and 4)

- 8. Update on application of UNFC to Renewable Energy Resources (attachments 6 & 7)
 - Geothermal Specifications Public Comment
 - Solar Working Group
- 9. E axis Sub-group Update
- 10. Update on application of UNFC to Nuclear Fuel Resources
- 11. Cooperation with African Minerals Development Centre (AMDC)
- 12. Update on application of UNFC to Nuclear Fuel Resources
- 13. Documents for EGRC Eighth Session, 25-28 April 2017
- 14. Education and Outreach (attachment 5)
- 15. Committee on Sustainable Energy 25th Session, Geneva, 28-30 September
- 16. euREEphos Project Proposal and UNFC
- 17. UNFC Revision
- 18. Date of next Bureau calls
- 19. Any other business

Documentation:

- 1. Draft agenda for Bureau Calls on 1 September 2016
- 2. Draft Minutes of 28 June 2016 Bureau Calls
- 3. Minutes of TAG Call of 20 June 2016
- 4. Minutes of TAG Meeting of 18 July 2016
- 5. List of events promoting UNFC in 2016–2017 as at 24 August 2016
- 6. Minutes of RE Meeting of 25 May 2016
- 7. Solar Working Group Terms of Reference

Item 1. Approval of Draft Agenda

1. The Chair noted that a revised draft agenda was circulated on 31 August with proposed new items 16-18. The Chair proposed to add a new item 12 "Update on application of UNFC to injection projects". The revised agenda as proposed was adopted without amendment.

Item 2. Draft minutes of Bureau calls of 28 June 2016

Documentation: Draft minutes of Bureau calls of 28 June 2016

3. The draft minutes of the Bureau calls of 28 June were adopted without amendment.

Item 3. Guidance Note to support UNFC-2009 Definition of a Project

- 4. The Chair advised that the Technical Advisory Group (TAG) recommendation on the Guidance Note of 5 July 2016 was approved.
- 5. The TAG had noted that further work on future Specifications Documents for Renewables (e.g. Bioenergy, Wind, Hydro, Solar) may identify the need for additional clarifications regards use of the term "Project". Moreover, integration of results from ongoing studies of the E-axis and G-axis category definitions may impact the detailed guidance regarding definition and application of "Project".
- 6. The final version of the Guidance Note is posted to the UNECE website and is available in English, French and Russian.
- 7. The Chair thanked Jim Ross for his hard work in developing this first UNFC Guidance Note and the TAG for its review.

Item 4. G axis Update

- 8. The G axis Working Group continues to work on two aspects:
- (i) how to make the make UNFC G-axis category definitions and supporting explanations more generic; and
- (ii) proposing a possible change of name to the G axis.
- 9. As per the email sent to the Bureau on 24 August by Jim Ross, the plan is to canvass the full EGRC for its views on the possible name change to the G axis. A Survey will be sent to the EGRC on 1 September with a deadline for comment of 30 September.

Item 5. Guidance note on competent person

- 10. An initial scoping call was held at the end of August with a number of the experts on the Working Group. The outcome of the call was consensus among the experts that UNFC should not have any competent person criteria, other than a statement that estimates should be made by a competent person under the criteria of the commissioning body of the estimate. The EGRC, however should put together a further guidance note detailing the issues around defining a competent person, showing examples of requirements in other contexts, such as CRIRSCO, PRMS, SEC, etc, and providing some guidance on creating the competent person requirements. This approach would allow for more flexibility for the use of UNFC. UNFC should be fully independent from its application as it the case for PRMS which has no specifications for competent persons, as it is a pure classification system. The CRIRSCO Template, however does have a specification, as it is a reporting framework, not a classification.
- 11. A detailed discussion on competent person followed with differing opinions conveyed. The majority were of the view that competent person is not part of UNFC and that this should be noted in the specifications and any guidelines that are prepared. Concern was expressed that if guidance is provided in UNFC this could restrict its use by some groups. A differing view was also expressed supporting more detailed specifications on competent person for UNFC.
- 12. Whilst noting the differing views, it was agreed that the following approach should be pursued: the Working Group should produce a short guidance note on competent person for UNFC, and the EGRC should produce a second more expansive guidance note detailing the issues around defining a competent person. The WG will produce both notes for review by the TAG and the Bureau and subsequently the EGRC.
- 13. Roger Dixon expressed interest in joining the Working Group.
- 14. The Chair and other members of the Working Group were thanked for their work.

Item 6. RF2013 and UNFC Bridging Document Update

- 15. The public consultation period for the Bridging Document closed on 14 August. Six comments were received. These are posted to the UNECE website.
- 16. The responses were largely positive and provided several key wording edits that will add clarity to the document. A summary of the comments and suggested document edits is being reviewed by the GKZ/TAG working group. A final edited document will be available

by 2 September. A revised Bridging Document and a TAG recommendation will be submitted to the Bureau over the coming days.

- 17. The final Bridging Documents in Russian and English as approved by the Bureau will need to be submitted for final formatting and editing by 12 September prior to submission to the Committee on Sustainable Energy.
- 18. The Bureau requested that a press release should accompany the issuing of the Bridging Document.
- 19. The Chair thanked Igor Shpurov and his team at GKZ and the TAG for their hard work in revising the Bridging Document in response to the public comments.

Item 7. Technical Advisory Group update

Documentation: Draft Minutes of TAG Calls of 10 March 2016 and 26 April 2016

- 20. The minutes of the TAG calls held on 20 June and 18 July were circulated as part of the documentation for the call. The TAG held its last teleconference on 26 August 2016; the next meeting is scheduled for late September. The TAG continues to be extremely active.
- 21. A number of key project updates were provided:

(a) China Solid Minerals Bridging Document

If funding can be confirmed, Roger Dixon will attend the China Mining Congress and Exposition scheduled for 22-25 September 2016 in Tianjin and may use this venue to progress the solid minerals bridging document. To date, external funding has not been confirmed.

(b) Petroleum Case Studies

Jan Bygdevoll has volunteered to chair a working group to develop petroleum case studies. Alexander Shpilman and Steve Griffiths will participate from the TAG and Jan will seek assistance from other experts. The group will initially develop a Terms of Reference document for TAG review.

(c) Competent Person Requirements

The underlying question for the TAG is whether EGRC should establish education and experience qualifications of the Competent Person to produce a "UNFC-2009 compliant" report. While there are established evaluators for minerals and petroleum projects, very few are experts in UNFC-2009 and few are experienced in assessing renewables projects. This issue came up in the query recently received from Thailand and again in the Geothermal public comments. Should each commodity specific bridging/specification document separately define qualifications or should this be defined by the agency requesting the report? The issue has been referred to the working group looking at the Competent Person issues.

(d) TAG Independence

Typically, projects are assigned to working groups and a TAG contact is assigned to assist with regard to process issues, maintain communication with the full TAG on project status/issues, and develop a recommendation to the Bureau on the results. There is some concern that the TAG is getting overly involved within the working groups and thus cannot provide an independent review on behalf of the Bureau. An example of this is the ongoing RF-2013 to UNFC-2009 Bridging Document where TAG members make up over 50% of the working group. The newly formed Oil and Gas Case Studies project is another example. The

TAG consensus is that to date this has not been a limiting factor in providing an independent and unbiased review by the full TAG.

- 22. The Bureau was in agreement that the independence of the TAG has not been compromised. In fact, if the TAG is preparing recommendations for the Bureau, the Bureau should rather be the independent body.
- 23. The TAG Chair and the other TAG members were thanked for their continued hard work.

Item 8. Update on application of UNFC to renewable energy resources Documentation:

- (i) Minutes of RE Task Force call of 25 May 2016
- (ii) Solar Working Group Terms of Reference
- 24. The last Renewable Energy Task Force call was held on 25 July. There will, however be no formal Minutes for this call. The topics discussed on 25 July included the progress of the different work groups, highlights of the work undertaken on Solar Energy and suggestions for the Task Force calendar in Q3-Q4 2016. These suggestions included organizing a workshop to take place in November or December 2016.
- 25. The documents the Task Force is planning to submit for the EGRC eighth session in April 2017 include:
- (a) The latest draft of the Bioenergy Specifications
- (b) A first draft of the Solar Specifications
- (c) A draft proposal for UNFC-2009 revision, including changes in G-axis definition and any other key points required to fully accommodate Renewable Energy in the revised version of UNFC.
- 26. The Task Force Chair is planning to progress the following documents over the next months:
- (a) A Stakeholder Management Plan
- (b) Communication materials (video, brief for non-technical people, presentations)
- (c) Additional case studies
- (d) ToRs for both the Hydropower and Wind Work Groups.

Geothermal update

- 27. The Geothermal Working Group is finalizing draft responses to the comments received during the public consultation on the draft geothermal specifications. The Working Group aims to submit the draft table of responses to the RE Task Force and TAG by 1 September, for their review and to the Bureau by 7 September. After incorporating any comments/changes proposed by the RE Task Force, TAG or Bureau, the Working Group will submit the final version of the specifications for formatting by 14 September following which they will be submitted to the Committee on Sustainable Energy.
- 28. The Working Group is considering separating the decision trees and application examples from the main Geothermal Specifications. This was a recommendation made by the EGRC at its 7th session and it has been suggested also by members of the public via their comments. With this approach only the specifications would be submitted to the Committee

as an official document. The application examples would not be submitted as case studies do not need formal approval by the Committee.

- 29. The Bureau supported that the specifications together with the decision trees but without the application examples be submitted to the Committee. The Bureau noted that for the Geothermal Specifications to be operational the Renewable Energy Specifications should be submitted to the Committee as a final text. This would not preclude the RE Specifications being updated as the work on bioenergy, solar, wind and hydro progresses.
- 30. Following discussion, the Bureau agreed that the Geothermal Working Group should remain operational and develop guidelines on how to quantify estimates of geothermal energy resources for classification under UNFC-2009. It was noted that financial support would be needed for this work. The Bureau agreed that similar guidelines would also be needed for bioenergy, solar, wind and hydro.
- 31. The Chair of the Geothermal Working Group and members were thanked for their continued efforts.

Solar update

- 32. A Solar Working Group has been established with Jeremy Webb as its Chair. The ToR for the Working Group were circulated as part of the documentation for the call. Membership is increasing. The Global Solar Council has declined at this stage to be part of the WG but wishes to remain in contact and will review this decision next year. The International Solar Energy Society (ISES) has, however agreed to engage and its President as well as former President are both now members of the WG.
- 33. The Solar Working Group has established a private webpage to share documents. A Zero Draft of the Solar Specifications has been prepared based on a revision of the Geothermal Specifications. The purpose of the Zero Draft is to provide a tangible document for the WG to review to see if the structure is suitable while at the same time identifying obvious gaps and issues to be addressed.
- 34. A Solar Workshop will be held in London, 6–7 October 2016. The workshop will review feedback on the zero draft Solar Specifications as well as get insights from the leaders of the geothermal and bioenergy working groups on issues they faced preparing their respective Specifications (it is important to ensure consistency across Specifications).
- 35. The Chair of the Solar WG has prepared a short explanatory video which has helped to secure interest in the WG. A link to the video was sent to the Bureau. The Bureau was highly complimentary of the video and recommended it be expanded to cover solid minerals, uranium and petroleum and made visible on the UNFC website.
- 36. The Bureau requested advice as to how members of the Solar Working Group are identified and what criteria are used. It was agreed that it would be useful to have short bios available for all Bureau and Task Force/Working Group members.
- 37. The Bureau thanked Jeremy Webb for his considerable efforts to kick start the solar work.

- 38. The Bioenergy Working Group is now preparing the main text of the Bioenergy specifications as well as a number of case studies.
- 39. The Chair and the other RE Task Force members were thanked for their continued efforts.
- 40. The Bureau Chair advised that Frank Denelle is leaving Shell imminently.

Item 9. E axis Sub-group (attachment 11)

Documentation: Minutes of E axis Sub-group meeting of 29 April 2016

- 41. The Chair of the E axis Sub-group provided an update. Two reports are planned for the next EGRC meeting:
- (i) <u>Clarification of terminology and concepts related to UNFC</u>
 A working note was circulated to the sub-group members on this topic and feedback is awaited. The Bureau was supportive of such a glossary being developed and proposed that consideration be given to issuing it as a guidance note.
- (ii) <u>Guidance on classification with respect to E-axis social and environmental factors</u> A draft report has been started, but is at an early stage. It will be a development of the report that was presented at the last EGRC. Reviews of reports by organisations such as the Global Reporting Initiative (GRI) and the World Bank are in progress for ideas that may be relevant to UNFC.
- 42. A teleconference, arranged by Tom Schneider, was held with Bastian Buck of the GRI, and it was agreed to stay in contact.
- 43. The Chair and the other Sub-group members were thanked for their continued efforts.

Item 10. Update on application of UNFC to nuclear fuel resources

- 44. Work on drafting the Uranium/Thorium Best Practices Handbook is in progress.
- 45. A joint IAEA and UNECE workshop was held in Ulaanbaatar hosted by Ministry of Mines and Heavy Industries on "Interregional Workshop on Uranium, Coal, Oil and Gas classification: Towards better understanding of energetic basins and application of UNFC-2009". About 110 participants from over 30 countries including Mongolia attended the workshop. The participants proposed a significant number of new UNFC case studies (approximately 30). The goal is to prepare them before November 2016 then submit them for review by the Task Force, followed by the TAG in January 2017. A number will also be included in the Best Practices Handbook.
- 46. The Mineral Resources and Petroleum Authority of Mongolia plans to establish a national working group that will look at bridging the existing Mongolian systems for minerals and petroleum to UNFC-2009.
- 47. The Bureau thanked the Chair of the Task Force and the other Task Force members for their continued hard work.
- 48. The Bureau was advised that Hari Tulsidas, Chair of the Task Force and Vice Chair of the Bureau, is leaving IAEA effective 30 September. A successor for the Bureau will be

nominated by IAEA. Hari's next position is not yet known. Hari has been instrumental in securing very significant support from IAEA for the UNFC, both financial and in-kind. It is in considerable part thanks to Hari/IAEA that UNFC is now so well-known and understood globally and also that the African Union is considering using UNFC as the resource management system called for in the Africa Mining Vision. The Bureau thanked Hari and IAEA for its considerable support in relation to UNFC and noted with regret the departure of Hari from the Bureau and acknowledged with appreciation his significant contribution.

Item 11. Cooperation with African Mineral Development Centre (AMDC)

- 49. Discussions with AMDC, the African Union and the Geological Society of Africa have continued. The Head of AMDC (Dr. Kojo Busia) reviewed all the information provided to him on UNFC and EGRC and has requested that an MoU be established with UNECE to assist application of UNFC in Africa.
- 50. AMDC now recognizes the level of knowledge that exists on UNFC in Africa. More than 140 experts from 31 African countries have participated in EGRC meetings and/or UNFC workshops or training courses since 2010. Hence there is a considerable level of capacity and understanding of UNFC, as well as interest in applying UNFC at the national level in a number of countries.
- 51. Tunde Arisekola delivered a presentation on UNFC to the AMDC Geological and Mineral Information System (GMIS) Coordination Meeting in Cape Town on 24 August. The presentation was extremely well received.
- 52. In response to AMDC's specific request following Tunde's presentation, a funding proposal for capacity building on UNFC in Africa (training workshops, study tours etc) was also submitted. The UNFC funding proposal agreed by the EGRC in April has also been shared.
- 53. A draft MoU between UNECE and AMDC on cooperation on UNFC has been drafted. The Bureau will be provided with a copy once finalized.
- 54. The Bureau thanked Tunde for his assistance and support.

Item 12. Update on application of UNFC to injection projects

- 55. The Chair of the Injection Projects Task Force, Karin Ask, briefed the Bureau on her involvement in the SPE-SRMS and OGCI work.
- 56. OGCI representatives are supportive that the activities started in the SRMS work group should be aligned with the UNFC and injection projects work. However, not all members of the work group have a good understanding of UNFC so time is needed to explain the system. Karin has been tasked with heading a sub-group that is responsible for bridging the end result to UNFC hence the importance of the SRMS and UNFC to be aligned. The bridging document would be owned by EGRC as opposed to being part of the PRMS documents. The deadline for development of the SRMS is December 2016 which could be challenging to meet as discussions are still focussed on what is being classified i.e. CO2 or storage capacity.
- 57. Karin advised of a recent meeting with NPD. A case study on application of UNFC to storage will be prepared based on three different storage sites in Norway.

Item 13. Documents for EGRC Eighth Session, 25-28 April 2017

- 58. The list of official documents for the EGRC-8 meeting needs to be prepared. Official documents are those that have a UN symbol and are processed by the main UN documents system. These documents can be translated into English, French and Russian provided they are submitted 10 weeks ahead of the meeting or issued in a single language only. The abslute submission deadlines were highlighted:
- Deadline for submission of the Agenda: 29 January 2017
- Deadline for submission of documents for translation: 13 February 2017
- Deadline for submission of English only documents: 11 April 2017.
- 59. The Bureau was circulated the following proposed list for comment following the calls:
- (i) Provisional Agenda
- (ii) Meeting report
- (iii) Draft Bioenergy Specifications
- (iv) Draft Solar Specifications
- (v) Draft Chinese solid minerals and UNFC Bridging Document
- (vi) Draft Chinese petroleum and UNFC Bridging Document
- (vii) UNFC Guidance note on Competent Person
- (viii) EGRC Guidance Note detailing issues around defining a competent person
- (ix) G axis recommendations
- (x) Guidance on classification with respect to E-axis social and environmental factors
- (xi) Draft EGRC Work Plan for 2018–2019
- (xii) Case Study 1
- (xiii) Case Study 2
- (xiv) Case Study 3
- (xv) Case Study 4
- (xvi) Case Study 5

Item 14. Education and outreach (attachment 5)

Documentation: List of events promoting UNFC in 2016–2017 as at 24 August 2016

- 60. A number of events were highlighted:
- (a) A paper has been prepared for the SPE ATCE in Dubai later this month. The EGRC Chair will deliver the presentation.
- (b) IAEA and UNECE training course on UNFC was held in Mongolia, 16-19 August: as previously noted. Two media articles were issued by UNECE and all the presentations are posted to the UNECE website.
- (c) China Mining 2016, Tianjin, 23–25 September: a letter from the organizers was sent this week to the Executive Secretary of UNECE inviting him deliver a keynote on "UNFC Delivering Sustainable Energy for All". Julian Hilton will present on UNFC in the uranium session. Roger Dixon is unable to attend unless funding is identified but two CRIRSCO reps will participate. Yang Hua and Dom Salacz from the TAG will also attend. Hua is planning to make UNFC available and promote it as widely as possible.
- (d) Third Scientific-Practical Conference "Subsoil Use in Ukraine. Prospects for Investment", Ukraine, Truskavets, 4–7 October 2016: Georgii Rudko is organizing the third conference in the series. It is hoped that EGRC experts will be able to attend.

- (e) Opportunities and Challenges for the Classification & Reporting of Anthropogenic Resources Workshop, Budapest, Hungary, 6–7 October 2016: Sigurd Heiberg and is speaking at this event and has recently submitted an abstract.
- (f) Colombian National Mining Agency Review and Application of UNFC, Bogota, Colombia, 10–13 October 2016: the EGRC Chair is due to travel to Bogota to assist the National Mining Agency.
- (g) EFG UNFC Workshop, Brussels, 17–18 November 2016: organization is progressing. The co-organisers are: EFG, UNECE, PERC, European Commission, Royal Belgium Institute of Natural Sciences. Event is also being held in collaboration with: African Union and EuroGeoSurveys.
- (h) Seventh International Forum on Energy for Sustainable Development, Baku, Azerbaijan, 18–21 October: A session on "Developing a common assessment methodology for renewable energy projects" will be held on 21 October as part of the meeting of the Group of Experts on Renewable Energy. Both Frank Denelle and Scott Foster will present in this session.

Item 15. Committee on Sustainable Energy 25th Session, Geneva, 28-30 September

- 61. Igor Shpurov and Sigurd Heiberg have both agreed to represent EGRC. Igor will present the official EGRC documents and Sigurd will speak in a panel session on "How does the CSE and its subsidiary bodies meet the Sustainable Development Goals?"
- 62. The four documents submitted to the Committee are:
- Russian Federation 2013 and UNFC Bridging Document (English and Russian)
- Injection Projects Specifications (English, French and Russian)
- Generic renewables Specifications (English, French and Russian)
- Geothermal Specifications including Decision Trees (English only)
- 63. The draft Committee Conclusions re EGRC/UNFC were circulated to the Bureau for comment following the calls:
- "Noted with appreciation the progress the EGRC has made since the twenty-fourth session on delivering on the concrete activities of the mandate and its Work Plan for 2016–2017.
- Requested the EGRC to submit a draft Work Plan for the Expert Group for 2018–2019 at its twenty-sixth session.
- Endorsed the following four documents: i) Bridging Document between the Oil and Fuel Gas Reserves and Resources Classification of the Russian Federation of 2013 and UNFC-2009 (ECE/ENERGY/2016/3); ii) Specifications for application of UNFC-2009 to renewable energy resources (ECE/ENERGY/2016/4); iii) Specifications for application of UNFC-2009 to geothermal energy resources (ECE/ENERGY/2016/5); and iv) Specifications for application of UNFC-2009 to injection projects for the purpose of geological storage (ECE/ENERGY/2016/6).
- Took note of the report of the EGRC Seventh Session (ECE/ENERGY/GE.3/2016/2).
- Endorsed the recommendation of the EGRC at its seventh session that a publication be issued comprising case studies on UNFC-2009 and that this publication preferably be issued in all UN languages to help implement ECOSOC Decision 2004/233.
- Endorsed the conclusion of the EGRC at its seventh session that an update of UNFC-2009 should be prepared for release, but not before 2018. Requested that the revised

- version of UNFC-2009 be published in all UN languages to help implement ECOSOC Decision 2004/233.
- Endorsed the extrabudgetary project proposal prepared by the EGRC to fund needed secretariat support and other activities such as outreach and dissemination to ensure full and proper continued development and deployment of UNFC-2009 and requested the Secretariat to seek funding for the project."

Item 16. euREEphos Project Proposal and UNFC

- 64. Michael Haschke from DMT who attended the EGRC-7 in April outlined in his EGRC presentation a number of recent EU-fund R&D projects on resource efficiency with examples of implementation of UNFC-2009 as distinctive work packages. These address some innovative new or optimized mining technologies and the extraction of critical technology elements, for example extraction of rare earth elements (REE) from phosphogypsum. In particular, they highlight the advantages and value-additions of including UNFC-2009 in resource efficiency R&D funded projects.
- 65. The euREEphos Project Proposal is progressing and a number of countries present at the Mongolia workshop agreed to be involved. This EU-funded R&D project proposal is looking at recovery of REE and other critical metals from phosphate and phosphogypsum tailings using Best Practice In-situ Recovery (ISR). The phosphate tailings (phosphogypsum) would require a resource and reserve classification, ideally conducted under UNFC-2009. A request has been made for UNECE or EGRC to be involved as a supporting organization or on the Project Advisory Board.
- 66. The Bureau supported EGRC being involved with this project proposal.

Item 17. UNFC Revision

67. The Chair agreed to work with the secretariat to establish a small working group under the Bureau to develop Terms of Reference and a timeline for the UNFC revision process.

Item 18. Date of next Bureau calls

68. The next Bureau calls are planned to be held at the end of October or in early November. The usual availability notice will be circulated.

Item 19. Any other business

- (i) Slavko Solar
- 69. Slavko Solar advised that he will be leaving the European Commission at the end of September. He anticipates that he may start work with the European Commission (Joint Research Centre in Ispra, Italy) in November. The European Commission will continue to remain involved and engaged on the EGRC Bureau but Slavko will most likely not continue as the alternate. The Bureau thanked Slavko for his contribution and support to the EGRC and UNFC and expressed the hope that he would re-engage should he join the JRC.

(ii) Quality of audioconference

70. A number of Bureau members noted that the quality of the audioconference could be improved as they had difficulties listening to the conversations. The secretariat advised it would report the feedback to the audioconference unit at UNOG.
