
Achievements and Outlook of Cooperation between Ministry of Natural Resources of the People's Republic of China and United Nations Economic Commission for Europe

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Preface

The long-standing cooperation between the two parties can go back to the end of last century, when China's experts were assigned to participate in the development of UNFC-1997. Referring to UNFC-1997, China's national standard “*Classification for Resources/Reserves of Solid Fuels and Mineral Commodities*” was developed and applied up to now.

During the 6th EGRC meeting held in 2015, China Delegation signed a *Cooperation Agreement* with TAG on the joint bridging work between Chinese systems (GB/T 17766-1999 and GB/T19492-2004) and UNFC-2004. Through both sides' efforts and contributions, the Bridging Documents are now completed and presented to the 27th CSE meeting for endorsement.



The Task Force set up by the Working Party on Coal in 1995 to finalize the UN Framework Classification comprised the following members:

- Mr. Dietmar KELTER (Germany), Coordinator
- Mr. Günter FETTWEIS (Austria)
- Mr. HU Kui (China)
- Mr. Vitaly TVERDOHLEBOV (Russian Federation)
- Mr. Andrej SUBELJ (Slovenia)
- Mr. Gordon RIDDLE (United Kingdom)
- Mr. Hal GLUSKOTER (United States of America)

In addition, the following experts took part in the Task Force meetings:

- Mr. Slav SLAVOV (United Nations)
- Mr. Richard NÖTSTALLER (Austria)
- Mr. SHI Jixin (China)
- Mr. Jochen PARCHMANN (Germany)





I. Work Progress

II. Experiences of Bridging Work

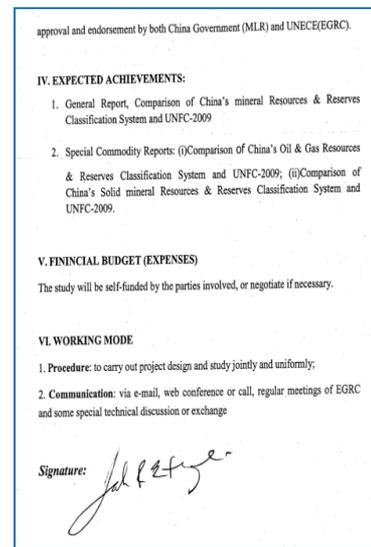
III. Outlook



I. Work Progress

Stage I: Development of First Drafts (2015.04-2017.04)

- In April 2015, an Agreement on mapping was signed to set up a joint working group and develop the bridging documents at the 6th EGRC meeting.
- In September 2015, MLR set up two international mapping studies on the classifications of solid mineral and petroleum resources respectively, and kicked off the bridging works.
- In February 2016, a Technical Exchange has been held with Dominique, representative of TAG, in Beijing.
- In April 2016, The Chinese delegation and TAG discussed the bridging schemes during the 7th EGRC meeting.
- In February 2017, the First Drafts were completed and provided by the Chinese Party.
- In April 2017, based on TAG's comments, Chinese party further improved the drafts and their English versions.





I. Work Progress

Stage II: Technical Review

- During the 8th EGRC meeting in 2017, **Mr. Bach met** with the China Delegation in his office and **encouraged** the joint work to further promote the Bridging documents. Based on the consensus achieved by TAG on technical details, **China Delegation presented** the bridging documents, which were deliberated and approved at the meeting.
- On 7th September, 2017, **Mr. LING Yueming**, Vice Minister of the former MLR (current the MNR) held a meeting and **reviewed** the Bridging Documents.
- In December 2017, the Bridging Documents were **issued for public comments** at MLR's website by the **Ministerial Meeting**.





I. Work Progress

Stage III: Public Comment Solicitation

- From 5th January to 5th February, 2018, two bridging documents had been publicized on the website of the **Ministry of Land and Resources**. No comment was fed back, and social recognition is received.
- From 15th February to 15th April, 2018, the bridging documents had been publicized on the website of **UNECE**, and **3** public comments were received.

中华人民共和国自然资源部
Ministry of Natural Resources of the People's Republic of China

当前位置: 政务公开 > 通知公告

中国矿产资源储量分类与联合国分类对接文件公示

2018-01-05 | 来源: 矿产资源储量司

为贯彻落实习近平总书记关于标准化工作的重要讲话精神, 推动“一带一路”倡议的实施, 适应我国矿业“走出去”, 积极参与矿产资源国际规则的制定, 促进我国矿产资源储量标准走向世界, 我部积极推动我国矿产资源储量分类与联合国分类建立对接文件的工作。现将我部研究起草的中国国家标准《固体矿产资源/储量分类》(GB/T 17766-1999)与《联合国化石能源和矿产储量与资源分类框架》(2009)对接文件, 中国国家标准《石油天然气资源/储量分类》(GB/T 19492-2004)与《联合国化石能源和矿产储量与资源分类框架》(2009)对接文件(见附件)进行公示, 公示期为30天(2018年1月5日至2月4日)。如对上述公示内容有异议, 请实名反映至国土资源部矿产资源储量司。

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2018年1月3日



Ref.: UNECE/2018/SED/14

15 February 2018

Solicitation of Comments on the Draft Bridging Documents between the National Standards of the People's Republic of China: the Classification for Resources/Reserves of Solid Fuels and Mineral Commodities (GB/T 17766-1999) and the Classification for Petroleum Resources/Reserves (GB/T 19492-2004), and the United Nations Framework Classification for Resources.

The UNECE Expert Group on Resource Classification (EGRC) is pleased to present for public comment the draft Bridging Documents between the National Standards of the People's Republic of China: the Classification for Resources/Reserves of Solid Fuels and Mineral Commodities (GB/T 17766-1999) and the Classification for Petroleum Resources/Reserves (GB/T 19492-2004), and the United Nations Framework Classification for Resources (UNFC). The draft documents were prepared by the Ministry of Land Resources (MLR), the People's Republic of China, in cooperation with the EGRC Technical Advisory Group.

Applying to all energy and mineral activities worldwide, UNFC provides a robust framework for compiling and communicating expert knowledge on the evidence of quantities and the socio-economic context. The draft Bridging Documents explain the relationship between the National Standards of the People's Republic of China (GB/T 17766-1999 and GB/T 19492-2004) and UNFC and incorporate instructions and guidelines on how to classify estimates using the UNFC Numerical Codes.

The draft Bridging Documents are issued for public comments to receive input from all stakeholders to ensure the development of robust documents. The public comment period will run from 15 February until 15 April 2018. Comments may be provided via e-mail or mail. Full details are available on the UNECE website at www.unece.org/energy/se/reserves.html.

Sincere appreciation is extended to the Ministry of Land and Resources, the People's Republic of China, and the members of the EGRC Technical Advisory Group for their efforts in preparing these draft Bridging Documents.

Yours sincerely



I. Work Progress

Stage IV: Finalization for Endorsement

- During 17th April to 23rd June, 2018, to better respond to the public comments, Chinese expert group and TAG worked closely and reviewed the documents again, and consequently the Bridging Documents were **finalized with minor changes**.
- On 30th July, Bridging Documents were **submitted to CSE for endorsement**.
- On 2nd August, Chinese Party held a teleconference with UNECE, and started to plan a **joint Press Release** of the bridging documents.

Date: 21 June 2018

To: Mr. David MacDonald, Bureau Chair, EGRC

From: Mr. Alistair Jones, TAG Chair, EGRC

Subject: TAG review of the China Minerals and Petroleum Bridging documents

Draft Bridging Documents between the National Standards of the People's Republic of China: the Classification for Resources/Reserves of Solid Fuels and Mineral Commodities (GB/T 17766-1999) and the Classification for Petroleum Resources/Reserves (GB/T 19492-2004), and the United Nations Framework Classification for Resources were is used for public comment on 15th February 2018. The comment period closed on 15th April 2018.

Revised bridging documents were received by TAG and the English versions were reviewed:

- Solid_mineral_BD_revised_English_21June2018.doc
- Solid_mineral_BD_revised_Chinese_21June2018.docx
- petroleum_BD_revised_English_21June2018.DOCX
- petroleum_BD_revised_Chinese_21June2018.docx

The Minerals document was reviewed by Mr. Roger Dixon, Mr. Andrew Barrett, Mr. Brad Van Gosen, Ms. Hua Yang and Mr. Alistair Jones. The Petroleum document was reviewed by Mr. Dominique Salacz, Mr. Andrew Barrett, Mr. Jan Bygdevoll, Mr. Brad Van Gosen, Ms. Hua Yang and Mr. Alistair Jones. The revised documents appropriately address the public comments which are summarised in Responses_to_public_comments_China_BDs_180620.xlsx. They also address comments raised by the previous TAG reviews. The reviewers recommend that the bridging documents are proposed for approval to the Committee on Sustainable Energy.

United Nations
ECE/ENERGY/2018/4
Economic and Social Council
Distr.: General
17 July 2018
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Economic Commission for Europe
Committee on Sustainable Energy

Twenty-seventh session
Geneva, 26-27 September 2018
Item 4(b) of the provisional agenda
The role of the Committee on Sustainable Energy and its subsidiary bodies in Supporting the 2030 Agenda on Sustainable Development:
Sustainable resource management

Bridging Document between the National Standard of the People's Republic of China Classification for Petroleum Resources/Reserves (GB/T 19492-2004) and the United Nations Framework Classification for Resources

Prepared by the Mineral Resources and Reserves Evaluation Center of the Ministry of Land and Resources of the People's Republic of China in cooperation with the Technical Advisory Group of the Expert Group on Resource Classification'

Summary
This document provides the Bridging Document between the National Standard of the People's Republic of China Classification for Petroleum Resources/Reserves (GB/T 19492-2004) and the United Nations Framework Classification for Resources (UNFC). Bridging documents explain the relationship between UNFC and another classification system that has been endorsed by the Expert Group on Resource Classification as an Aligned System. They incorporate instructions and guidelines on how to classify estimates generated by application of that Aligned System using the UNFC. Numerical

United Nations
ECE/ENERGY/2018/5
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I. Work Progress

Summary on Major Events:

- Since the Agreement was signed, **Mr. Scott FOSTER**, director of the UNECE Committee on Sustainable Energy, has participated in China Mining Congress twice for disseminating UNFC knowledge and sharing UNECE's idea of SDGs. He successfully deliberated with the managing leaders of the former MLR on the bridging work and promoted greatly the process.
- In the whole work process, from China side, about **50** seminars have been held, including **10** meetings with TAG representatives and **4** teleconferences with UNECE. In addition, extensive exchanges have been carried out with the **State Commission of Ukraine on Mineral Resources**, **Mining and Geological Survey of Hungary**, **Geological Society of Poland**, and **British Geological Survey**, & etc.
- **Chinese Party, TAG and UNECE** have worked closely and conducted a great deal of workload and researches, which ensure the success of bridging works.





II. Experiences of Bridging Works

1. China is rich in mineral resources and involved deeply in the global International cooperation and collaboration. The **connectivity** between China's national standards and the international ones will **benefit** to build a community of shared future for mankind, and **promote** the international cooperation within the framework of the Belt and Road Initiative.
2. UNFC's **transparency, comparability** and **flexibility** **have laid** the foundation of the bridging works, and **provide** a good communication platform for global energy and mining industries.
3. **Great attention** and **close cooperation** are the key to the success of bridging works.
4. **Financial supports** and **qualified expert team** are the guarantee of the success. The Chinese party has **launched specific projects** to support the bridging works with funding, and the Mineral Resources and Reserves Evaluation Center of the MLR has led the expert team and conducted the joint cooperation with TAG effectively.



III. Outlook for Future Cooperation

1. To strengthen **communication, dissemination** and **training**.
2. To keep mutual cooperation on the bridging documents. The MNR has set up **specific research projects** in 2018 to support the **case studies** of the bridging documents, and expects to keep close cooperation with TAG.
3. To promote the **application** of the bridging documents, in particular within the framework of Belt and Road Initiative, and promote the connectivity among global resources management systems.
4. Chinese Party would like to participate in **UNFC's evergreen development** and send more experts to support and join **TAG's** works.



Acknowledgements

We sincerely thank the **Sustainable Energy Division of UNECE** and **EGRC** for your valuable supports provided in the past years!

We sincerely thank the **TAG** and **China National Petroleum Corporation** for their efforts in preparation of the bridging documents!

We sincerely thank the **Ministry of Foreign Affairs of the People's Republic of China** and the **Standardization Administration of the People's Republic of China** (SAC) for their contributions to the bridging works!

We sincerely thank **CRIRSCO**, **SPE**, **State Commission of Ukraine on Mineral Resources**, **Mining and Geological Survey of Hungary**, **Geological Society of Poland**, and **British Geological Survey** and other parties for their help and supports!

We appreciate highly your continuous supports and contributions to our future works!



I expect the cooperation between the Ministry of Natural Resources of the People's Republic of China and the United Nations Economic Commission for Europe to gain more achievements in the coming future !

Thank you for attention!