

# Updates on Chinese Bridging Documents and their Application Prospects

**JU Jianhua,**

Director General, Department of Mineral Resources Protection and Supervision, MNR  
Vice Chair, Expert Group of Resource Management

**YANG Hua,**

Deputy Director, RIPED, CNPC  
Corresponding person of China delegation to EGRM



**RESOURCE MANAGEMENT WEEK 2022**  
ENABLING SUSTAINABILITY PRINCIPLES IN RESOURCE



**UNECE**

# Chinese Bridging Documents Updated

## GB/T 17766-2020) & GB/T 17766-2020) and UNFC Updated 2019



◆ the Ministry of Natural Resources of China attaches great importance to the Chinese BDs, which are all updated and ready for EGRM's endorsement

联合国资源框架分类  
2019年增订版

ICS 75.010  
E 20

中华人民共和国国家标准  
GB/T 19492—2020  
代替 GB/T 19492—2004

ICS 75.010  
D 10

油气矿产  
中华人民共和国国家标准  
GB/T 17766—2020  
代替 GB/T 17766—1999

固体矿产资源储量分类  
中华人民共和国国家标准  
GB/T 17766—2020  
代替 GB/T 17766—1999

2020-03-31 发布  
国家市场监督管理总局  
国家标准

2020-03-31 发布  
国家市场监督管理总局  
国家标准

2020-05-01 实施  
国家市场监督管理总局  
国家标准化管理委员会 发布

### Updated Mineral BD

United Nations  
Economic and Social Council  
ECE/ENERGY/GE.3/2022/16  
Dist.: General  
15 March 2022  
English only

Economic Commission for Europe  
Committee on Sustainable Energy

Thirteenth session  
Geneva, 25-29 April 2022  
Item 9 of the provisional agenda  
Development, maintenance and implementation of the United Nations Framework Classification for Resources

**Bridging Document between the National Standard of the People's Republic of China Classification for Mineral Resources and Mineral Reserves (GB/T 17766-2020) and the United Nations Framework Classification for Resources**

Prepared by a Joint Working Group led by the Mineral Resources and Reserves Evaluation Center of the Ministry of Natural Resources of the People's Republic of China in cooperation with the Technical Advisory Group of the Expert Group on Resource Management\*

**Summary**

This Bridging Document provides the mapping between the National Standard of the People's Republic of China Classification for Mineral Resources and Mineral Reserves (GB/T 17766-2020) and the United Nations Framework Classification for Resources (UNFC Update 2019, hereinafter referred to as UNFC). Bridging documents explain the relationship between UNFC and another classification system that has been endorsed by the Expert Group on Resource Management as an Aligned System. They incorporate instructions and guidelines on how to classify estimates generated by the Aligned Systems using the UNFC Numerical Codes. This Bridging Document compares mineral resources and mineral reserves by categories and classes of GB/T 17766-2020 to UNFC categories and classes. GB/T 17766-2020 was issued by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China and the Standardization Administration of the People's Republic of China on 31 March 2020, and implemented on 1 May 2020. It establishes unified guidance regarding China's principles for evaluation, auditing and reporting of reserves and resources of minerals. This Bridging Document does not affect the independent application of GB/T 17766-2020 and the application of GB/T 17766-2020 does not affect any component of UNFC as well. In the event of any difference between the Chinese version and any other language version, the Chinese version shall prevail.

\* This Bridging Document is prepared by a Joint Working Group led by the Mineral Resources and Reserves Evaluation Center of the Ministry of Natural Resources of the People's Republic of China in cooperation with the Technical Advisory Group of the Expert Group on Resource Management of the United Nations Economic Commission for Europe (ECE). This Bridging Document is drafted by: Mr. JU Jianhua, Mr. LI Jian, Mr. YANG Qiang, Mr. LIU Yongqiang, Mr. LI Shengxiang, Ms. YANG Hua, Ms. FENG Tao, Mr. Alistair Jones, Mr. Andrew Barrett, Mr. Roger Dixon, Mr. Brad Van Gosen and Ms. Charlotte Griffiths.

GE.22-03831(E)

Please recycle

### Updated Petroleum BD

United Nations  
Economic and Social Council  
ECE/ENERGY/GE.3/2022/17  
Dist.: General  
17 March 2022  
English only

Economic Commission for Europe  
Committee on Sustainable Energy

Thirteenth session  
Geneva, 25-29 April 2022  
Item 9 of the provisional agenda  
Development, maintenance and implementation of the United Nations Framework Classification for Resources

**Bridging Document between the National Standard of the People's Republic of China Classification for Petroleum Resources/Reserves (GB/T 19492-2020) and the United Nations Framework Classification for Resources**

Prepared by a Joint Working Group led by the Mineral Resources and Reserves Evaluation Center of the Ministry of Natural Resources of the People's Republic of China in cooperation with the Technical Advisory Group of the Expert Group on Resource Management\*

**Summary**

This Bridging Document provides the mapping between the National Standard of the People's Republic of China Classification for Petroleum Resources/Reserves (GB/T 19492-2020) and the United Nations Framework Classification for Resources (UNFC Update 2019, hereinafter referred to as UNFC). Bridging documents explain the relationship between UNFC and another classification system that has been endorsed by the Expert Group on Resource Management as an Aligned System. They incorporate instructions and guidelines on how to classify estimates generated by the Aligned Systems using the UNFC Numerical Codes. This Bridging Document compares reserves and resources by Categories of GB/T 19492-2020 to UNFC Categories and Classes. GB/T 19492-2020 was issued by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China and the Standardization Administration of the People's Republic of China on 31 March 2020, and implemented on 1 May 2020. It establishes unified guidance regarding China's principles for evaluation, auditing and reporting of reserves and resources of crude oil, natural gas and gas condensate. This Bridging Document does not affect the independent application of GB/T 19492-2020 and nor does the application of GB/T 19492-2020 affect any component of UNFC. In the event of any difference between the Chinese version and any other language version, the Chinese version shall prevail.

\* This Bridging Document is prepared by a Joint Working Group led by the Mineral Resources and Reserves Evaluation Center of the Ministry of Natural Resources in the People's Republic of China in cooperation with the Technical Advisory Group of the Expert Group on Resource Management of the United Nations Economic Commission for Europe (ECE). The main contributors are Mr. JU Jianhua, Ms. YANG Hua, Mr. LI Jian, Mr. ZHANG Daoyong, Ms. YI Yanjing, Mr. Alistair Jones, Mr. Dominique Salacz, Mr. Jan Hygdevoll and Ms. Charlotte Griffiths.

GE.22-03978(E)

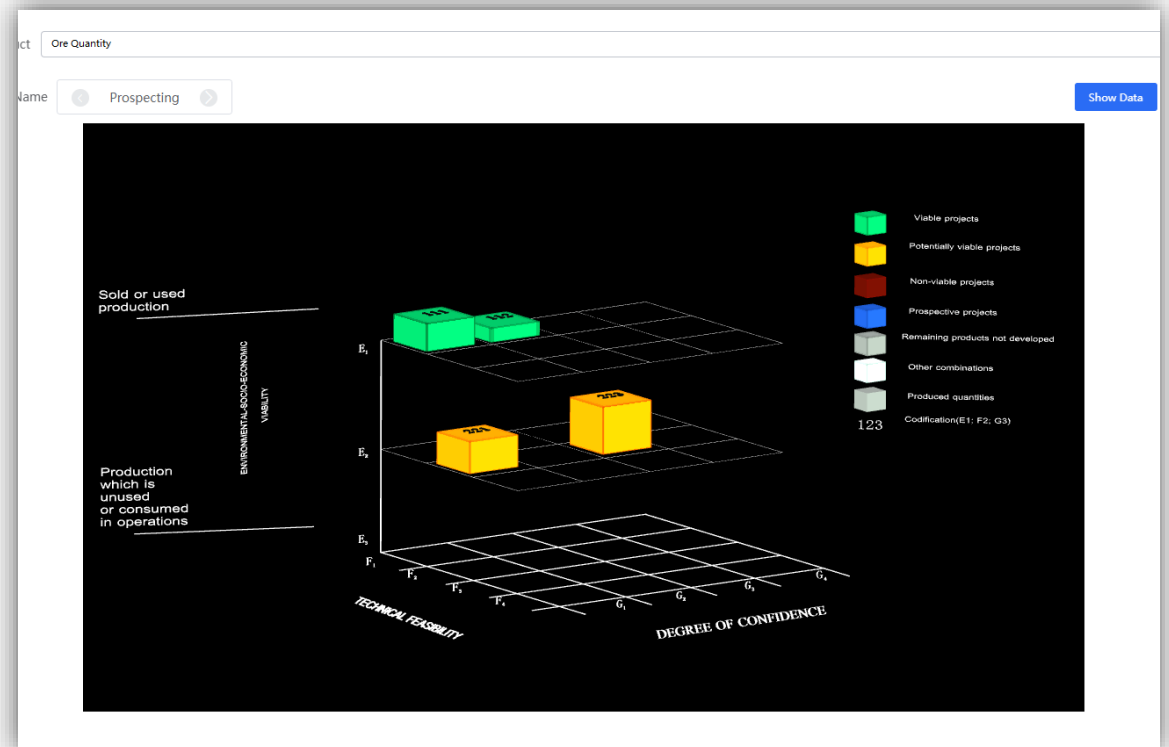
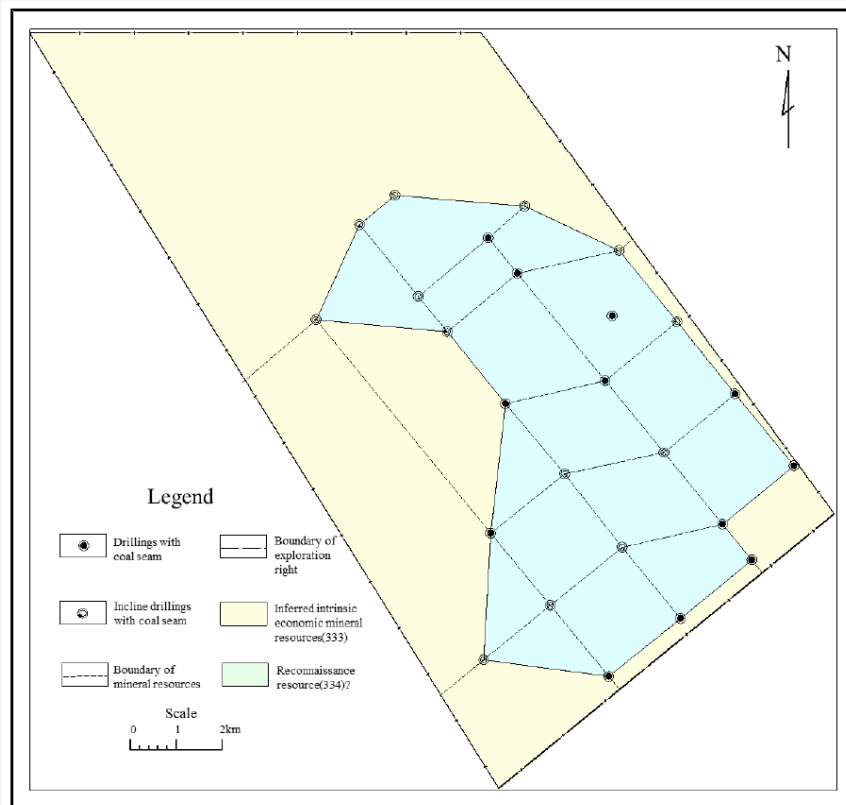
Please recycle

# Further promote the application of UNFC in practice

## Systematical application specifications and case studies



- ◆ We are working on case studies for supporting the Chinese BDs playing an exemplary role in international mining cooperation and show broad application prospects.



# Initiatives and Events

2023-2024 Work Plan



## ◆ Cooperate and collaborate closely with global experts to promote EGRM activities and actively contribute to UN SDGS

### ➤ UNFC/UNRMS' Evergreen Development and their Global Application

UNRMS, in line with the Ecological Civilization & New Development Concepts in China, is crucial for the 2030 Agenda and SDGs, which should be highly valued and actively promoted in practice.

### ➤ Digitalization: Unified Planning and Collaborative Innovation

We initiate to set up a specific Digitalization Taskforce to work on the overall plan asap, and report at the EGRM14 to lead the transformation of IRM for sustainable development.

### ➤ Dissemination and Exchange Activities

UNFC/UNRMS Workshops at the China Mining 25, WPC24 and WGC7.

# Thank you!

YANG Hua

[yanghua@petrochina.com.cn](mailto:yanghua@petrochina.com.cn)

Date 25 | 10 | 2022, Geneva



**RESOURCE MANAGEMENT WEEK 2022**  
ENABLING SUSTAINABILITY PRINCIPLES IN RESOURCE



**UNECE**