United Nations Framework Classification of Resources (UNFC) - Guidance for Application to Coal Bed Methane (CBM)

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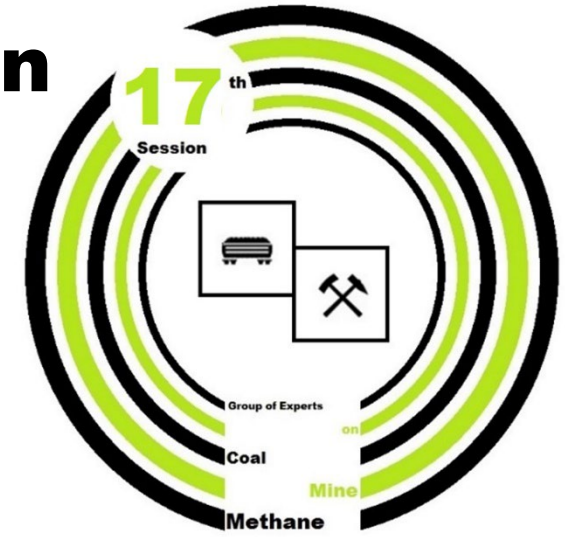
Expert Group of Experts on Resource Management



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UNFC Guidance for Application to CBM

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Summary

The application of the United Nations Framework Classification for Resources (UNFC) to all energy sectors is crucial to increasing transparency, reducing risks, and assuring sustainability.

Proper classification, reporting, and management of Coal Bed Methane is key to realizing Sustainable Development Goals (SDGs).

This draft document provides additional guidance for the application of UNFC to Coal Bed Methane projects.

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Classification of CBM

UNFC classifies CBM projects based on three sets of basic categories:

- The E Category designates the degree of favorability of environmental-socio-economic conditions in establishing the viability of the project
- The F Category designates the maturity of technology, studies and commitments necessary to implement the project.
- The G Category designates the degree of confidence in the estimate of the quantities of products from the project.

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Environmental-Socio-Economic Viability (E-Axis)

The environmental-socio-economic viability (E Axis) category encompasses all non-technical issues that could directly impact the development viability

Environmental Criteria for CBM

- Environmental factors are not defined in UNFC
- A practical application would be the physical, chemical, and biological impact on or changes to the project area and surroundings, due to a project
- Additional environmental factors include safeguard zones, protected natural areas, wetland sites, flora and fauna protected by legislation, and critical land use in the area.

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Confidence in Estimates (G-Axis)

The confidence in estimates is represented on the G-axis. This axis corresponds to the uncertainty inherent to any petroleum development project production estimates.

The Guidance provides:

- General overview and principles
- Estimation Procedures
- Analytical procedures
- Volumetric analysis
- Material Balance
- Analogues
- Performance-based Estimates
- Resource Assessment Methods

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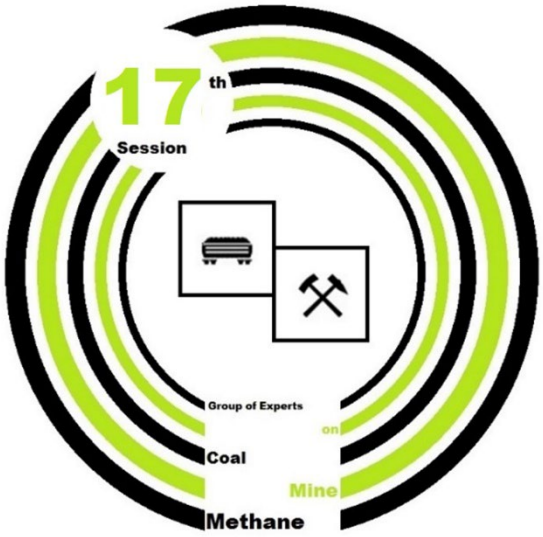
Thank you!



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