

Report of Specifications Task Force
Stakeholder Requirements for Specifications
Application: International Energy & Minerals Studies

**Prepared for First Session, Expert
Group on Resource Classification**

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International Energy & Minerals
Studies Working Group
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Organizations Contacted

- Bundesanstalt für Geowissenschaften und Rohstoffe (BGR)
- Global Energy Assessment, Energy Program, International Institute for Applied Systems Analysis (GEA, IIASA)
- IHS Energy
- International Energy Agency (IEA)
- World Energy Council (WEC)
- U.S. Geological Survey (USGS)

Organizations Contacted

- All-Russian Petroleum Research Geological Institute
- Oil and Gas Research Institute of Russian Academy of Sciences
- Russian Oil and Gas State University
- Russian Working Group, incl. GKZ
- Schlumberger-Russia, Regional Technology Center

Feedback Issues Raised (Section III order)

- Additional granularity for G4 aimed at more detailed reflection of uncertainty (1)
- Definition of initial total in-place resources and aggregation of classes to ensure material balance and flexibility of UNFC (3)
- More detailed definitions of G axis (4)

Feedback Issues Raised

- More detailed and explicit characterisation of E axis categories (5)
- Treatment of differing resource estimates and reconciliation of actual recovery against forecasts (6)
- Requirement for aggregation to national level (11)
- Confusion between reserves and resources (12)

Feedback Issues Raised

- Confusion between in-situ and recoverable quantities (13)
- Comprehensive, consistent, and coherent reporting (14)
- Documentation of assumptions (thorough for G4) (15)
- Illustration of all resource categories in an accumulation/basin/project (16)

Feedback Issues Raised

- Probability levels for allocations to appropriate classes (17)
- Clarity in reporting (e.g., gross/net interest) (18)
- Need for commodity-specific specifications and guidelines, with a distinction between petroleum and solid minerals due to differences in methodology of evaluation (29)

Feedback Issues Raised

- Monetary valuation of reserves/resources (28)
- Cross-referencing of economic and social viability of projects to the categories of the G axis (30)
- More granulated subdivision of the UNFC when applied to individual needs and resource types (e.g., unconventional petroleum resources) (31)

Conclusions



- International Energy and Mineral Studies have many needs for guidelines and specifications