

# Raw Materials Week

14-18 November 2022



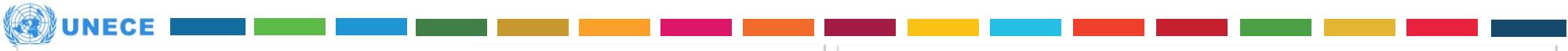
## The Competency Framework for UNFC and UNRMS in a Changing World

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# Guidance Note on Competency Requirements

## Background



Expert Group on Resource Classification 30 May 2017

### Guidance Note on Competent Person Requirements and Options for Resources Reporting

Prepared by the Bureau of the Expert Group on Resource Classification

#### Summary

This document provides non-mandatory guidance for organizations or entities such as national governments, financial institutions and companies, who wish to establish appropriate quality assurance mechanisms, qualification criteria and/or disclosure obligations that can be adopted in circumstances where competency requirements are considered desirable. This document sets out the purpose, scope, definition of a Competent Person, as well as the requirements and governance of a Competent Person. The guidelines contained in this document reflect options that could be selected, refined and imposed by an organization within the United Nations Framework Classification for Resources (UNFC) or an officially aligned system that is adopted as the classification system and/or mandatory reporting system. A draft of this document was submitted for discussion at the eighth session of the Expert Group. The Expert Group accepted the text of this Guidance note and recommended that this be posted on the UNECE website.

### Economic Commission for Europe Committee on Sustainable Energy Expert Group on Resource Classification

**Eighth session**  
Geneva, 25–28 April 2017  
Item 7 of the provisional agenda  
**Governance of the United Nations Framework Classification for Fossil Energy and Mineral Reserves and Resources 2009**

### Draft Guidance Note to support the United Nations Framework Classification for Fossil Energy and Mineral Reserves and Resources 2009 Specification for Evaluator Qualifications

Prepared by the Bureau of the Expert Group on Resource Classification

#### Summary

The Expert Group on Resource Classification work plan for 2016–2017 calls for the Bureau of the Expert Group to review and prepare a guidance note on the need for, and responsibilities of, a Competent Person, with regard to the United Nations Framework Classification for Fossil Energy and Mineral Reserves and Resources 2009 (UNFC-2009). This document is a draft for discussion at the eighth session of the Expert Group and provides additional information regarding the specification for Evaluator Qualifications (Specification M) as documented in the United Nations Framework Classification for Fossil Energy and Mineral Reserves and Resources 2009 (UNFC-2009) incorporating Specifications for its Application, ECE Energy Series No. 42, Part II, Annex I. Further, it provides a link to a companion document (ECE/ENERGY/GE.3/2017/5) that is not an integral part of UNFC-2009, but which has been prepared on behalf of the Expert Group and contains detailed guidance on appropriate quality assurance mechanisms, qualification criteria and/or disclosure obligations that can be adopted in circumstances where explicit mandatory competency requirements are considered desirable.

# Guidance Note on Competency Requirements

## The new guidance



1. Is sector neutral;
2. Includes definitions;
3. Uses Qualified Expert (instead of Competent Person) and Qualified Assessments
4. Underlines that estimations are based in judgments, making resources information inherently imprecise;
5. Points out four key aspects that reinforce trust on estimations:
  - Qualified Experts must be objective and independent,
  - Have adequate and relevant professional qualifications and experience,
  - Endorse their reports, and
  - Provide sufficient transparent and material supporting detail to allow users of their reports to understand the inherent uncertainties involved.

# Guidance Note on Competency Requirements

## The new guidance



6. Educational background and experience are aligned with requirements set out in other standards;
7. Requires the maintenance of documentation and records used in the assessments;
8. Advances a statement to be signed by the Expert(s) who made the estimates;
9. It does not exclude anyone who hasn't the (optimal) background and/or experience;
10. Experts can be affiliated with a government licensing authority or with a self-regulatory professional association.

## Guidance Note



6. Educational background and experience are other standards;
7. Requires the maintenance of documentation assessments;
8. Advances a statement to be signed by the I
9. It does not exclude anyone who hasn't the experience;
10. Experts can be affiliated with a government regulatory professional association.

### Template for a Statement of a Qualified Expert

[Date]

[Entity]

[Address]

I, [name] do hereby certify that:

1. I am [consultant/employee] of  
[Entity]  
[Address]

2. I have made the estimates of resources as of [dates] set forth in the accompanying [table/report/public disclosure] with respect to the [project] of [Entity]. My examination included such tests and procedures as were considered necessary under the circumstances to render the opinion set forth herein. As of the date of this statement, to the best of my knowledge, information and belief, this Qualified Assessment contains all the scientific and technical information that is required to ensure that it is not misleading.

3. I graduated with a [degree] from the [university] in [year]. In addition, I have obtained a [degree] from the [university] in [year].

4. I am a [professional title] with the [Professional Association or Statutory Body/Government Authority].

[alternatively] 4. I do not have a professional title and I am not registered with a Professional Association/Statutory Body/Government Authority for the following reasons: [stated reasons].

5. I have worked as a [professional qualification] for a total of [years], during which time I have conducted reviews and audits on numerous projects covering [resources/commodities and deposit/reservoir types].

6. I have read the definition of a "Qualified Expert" set out in the United Nations Framework Classification for Resources and certify that by reason of my education, affiliation with a Professional Organisation and past relevant work experience, I fulfil the requirements to be a "Qualified Expert" for the purposes of the United Nations Framework Classification for Resources.

7. I visited the [project] on [dates] (or, alternatively, [I have not visited the project because (explain reason)]).

8. I am independent from the [organisation] that is the subject of the Qualified Assessment.

[alternatively] 8. I meet the requirements of independence and objectivity of a Qualified Expert employed internally by [Entity] as set forth in the UNFC Guidance Note on Competency Requirements for the Estimation, Classification and Management of Resources (ECE/ENERGY/GE.3/2022/4).

9. I am not aware of any material fact or material change with respect to the subject matter of the resources estimates that is not reflected in the Qualified Assessment, the omission to disclose which makes the Qualified Assessment misleading.

10. I consent to the filing of the Qualified Assessment with any authority and any publication, including electronic publication accessible by the public, of the Qualified Assessment.

[Date]

"Signed" \_\_\_\_\_

# Raw Materials Week



- Mr Aaron Johnson (American Institute of Professional Geologists), • Mr Alexander Shandrygin (LLC Gazprom VNIIGAZ), • Mr Ed Swindell (Geological Society of South Africa), • Mr Frank Denelle (Independent Consultant and Past Chair Renewable Energy Working Group), • Mr Gbenga Okunlola (Geological Society of Africa), • Ms Gerlee Bayanjargal (Committee for Mineral Reserves International Reporting Standards), • Mr Hendrik Falck (Geoscientists Canada), • Ms Isabel Fernandez (European Federation of Geologists), • Mr Jean-Felix Mupande (Organisation des Géologues du Congo), • Ms Marit Brommer (International Geothermal Association), • Mr Mark Burnett (AMC Consultants), • Mr Michael Neumann (European Federation of Geologists), • Ms Nahla Boury (Boury Global Energy Consultants Ltd.), • Mr Oliver Bonham (Canadian Federation of Earth Sciences), • Ms Ruth Allington (Pan-European Reserves and Resources Reporting Committee), • Ms Sandra Müller (University of Applied Sciences and Arts Northwestern Switzerland), • Ms Tania Marshall (Geological Society of South Africa), • Ms Turysbekova Gaukhar (Satbayev University), • Mr Victor Babashev (Kazakhstan).

## Thank you!

**Vitor Correia**

International Raw Materials Observatory  
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