

# UNFC Evaluator Qualifications and Competent Person Requirements

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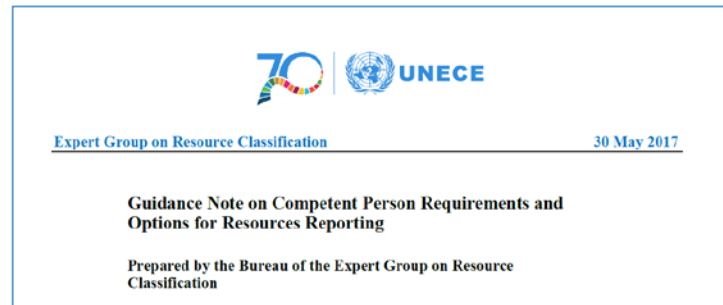


Symposium on the Availability of Raw Materials from Secondary Sources  
24. April 2018, Palais des Nations, Geneva

Do we need Evaluators or Competent Persons  
for anthropogenic resources / reserves?

# UNFC - Competent Person

“A Competent Person is one who has the ability to put skills, knowledge and experience into practice in order to perform activities or a job in an effective and efficient manner for resource classification, management and reporting “



For complex projects where knowledge in different areas are required, reporting should be performed by a team of Competent Persons

# UNFC - Evaluator Qualifications

- Appropriate level of expertise and relevant experience in the estimation of quantities associated with the type of resource under evaluation
- Detailed specifications are recorded in relevant commodity-specific systems



Expert Group on Resource Classification

30 May 2017

**Guidance Note to support the United Nations Framework  
Classification for Resources Specification for Evaluator  
Qualifications**

Prepared by the Bureau of the Expert Group on Resource  
Classification

# Estimating recoverable material quantities

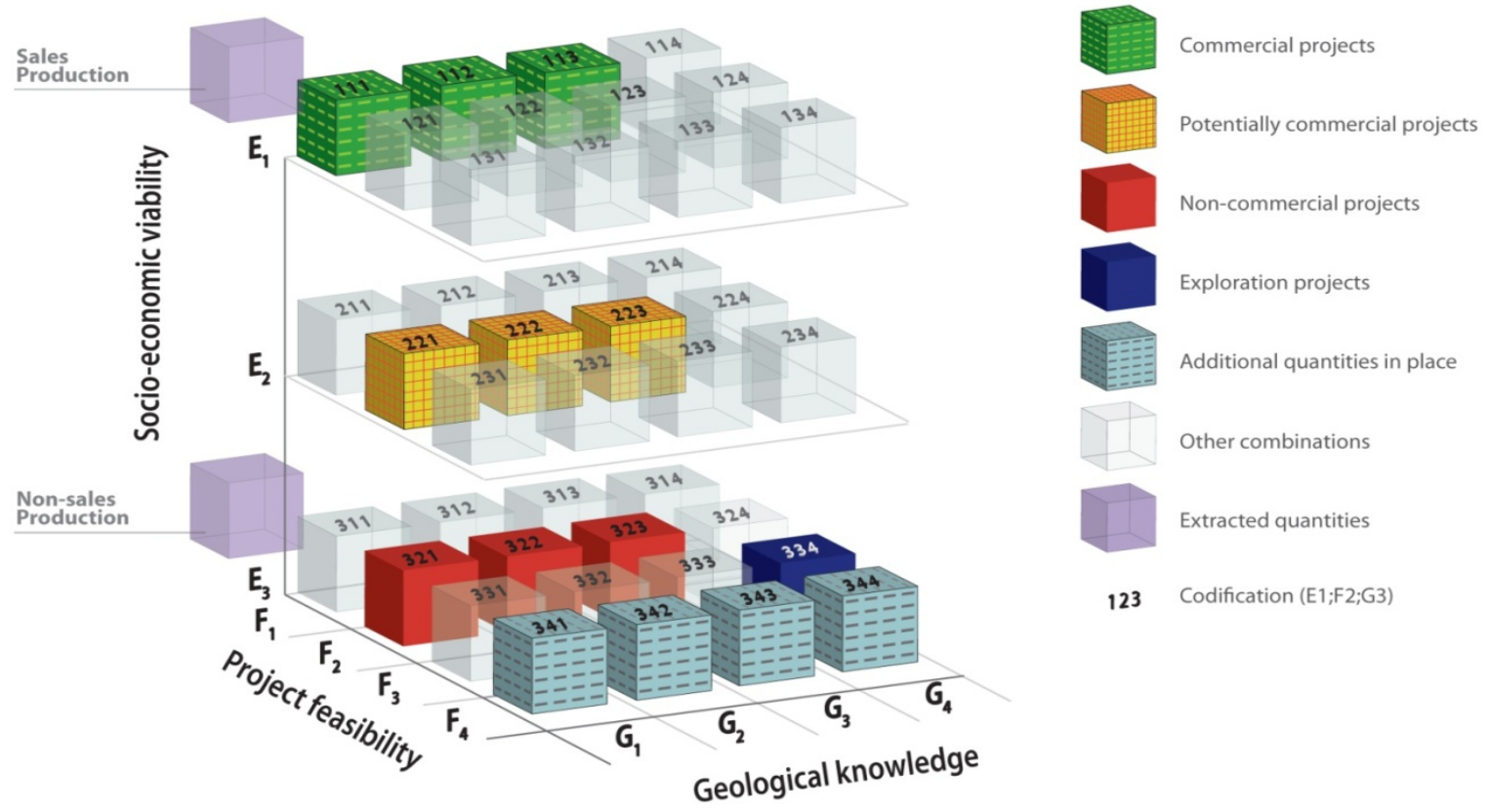


In the mining sector,  
there is a long tradition in  
competent persons

What about  
anthropogenic resources ?

# UNFC for Anthropogenic Resources

- Who needs a reporting of a recovery project ?



# Reporting of Anthropogenic Resources

Where is reporting required?

- National resource management
- Public reporting by companies
- Financial reporting of companies
- Internal resource management of organizations

# Reporting of Anthropogenic Resources

The reporting by an evaluator is important for the reliability of the quantities of extractable raw materials and the comparability of the results





# Who cares ?



# How to proceed ?

- Identification of representative case studies

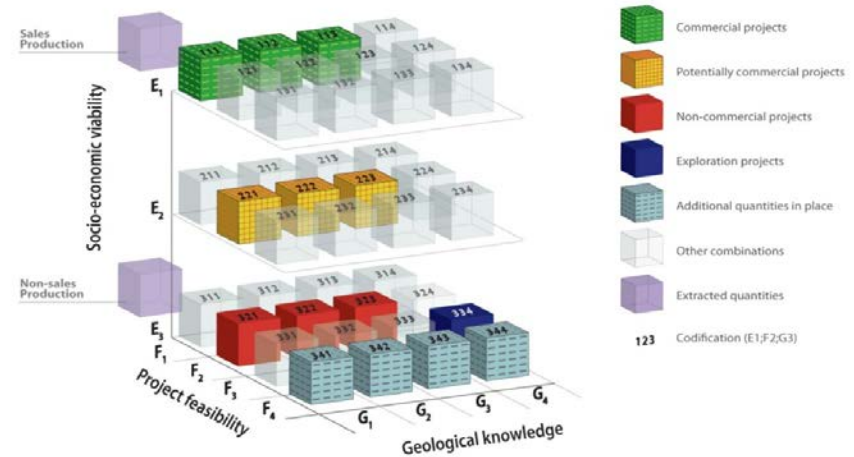
- Different level of complexity (project level vs. system)

- Quality of data
- Potentials of the different technologies
- Critical factors for economic, social & environmental issues

- Different perspectives and interests of the stakeholders

- **Standards for reporting**

- **Qualification of the evaluator**



# Proposals for next steps

## **Qualifications of Evaluators / Component Persons for assessing the availability of secondary raw materials.**

- Formation of a platform for Evaluators?
- Adaptation of the guidelines for the mineral sector?
- Should Evaluators be certified and trained?  
If so, who should do that?
- Do we need training networks to educate the next generation of Competent Persons?

# Next steps

- Collection of case studies
- Workshop to integrate them (Jan/Feb 2019)
- Preparation of a MC-ITN proposal (Jan 2019)
  - Guideline
  - Competent persons
- Summer school (2019)



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Thank you for listening

Please send us your suggestions

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# Next Steps

## Anthropogenic Resource Working Group



UNECE

- Case Studies and Application Examples
  - First studies are performed
    - Evaluation and classification of different types of anthropogenic resources: The cases of old landfills, obsolete computers and in-use wind turbines. A. Winterstetter, D. Laner, H. Rechberger, J. Fellner
    - Decision making guidelines for mining historic landfill sites in Flanders. A. Winterstetter, E. Wille, P. Nagels, J. Fellner
    - Critical factors for the viability of landfill mining projects. J. Krook
    - A geological reconnaissance of electrical and electronic waste as a source for rare earth metals. S.R. Mueller, P.A. Wäger, R. Widmer, I.D. Williams
  - Summer school (2019)