Development of UNFC specifications and guidelines for minerals
## Participants of the Mineral Working Group (25):

<table>
<thead>
<tr>
<th>Participants</th>
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</thead>
<tbody>
<tr>
<td>Anne Allendorf-Schicht, Ruth Allington, Arda Arcasoy, Gerlee Bayanjargal,</td>
</tr>
<tr>
<td>Phil Broadhurst, Roger Dixon, Martin Fairclough, Hendrik Falck, Johann Gotsis,</td>
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<tr>
<td>Karen Hanghoj, Markku Iljina, Aaron Johnson, Jan Kosmol,</td>
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<tr>
<td>Kaj Lax, Mark Mihalasky, Michael Neumann, Yuqing Niu, Gbenga Okunlola,</td>
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<tr>
<td>Anke Penndorf, Bob Ring, Bernd Schürmann, Luis Sobral, Ernst-Bernhard Teigler,</td>
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<td>Hari Tulsidas, Micha Zauner.</td>
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</table>
Chair of the Minerals Working Group (MWG):

Until Dec. 2017: Michael Haschke

Since Dec. 2017: Michael Neumann
Work achieved in 2017/18:

- Consolidation of the WG;
- Intense discussions about the roles of UNFC system and CRIRSCO reporting codes;
- Preparation of draft Terms of Reference;
The Terms of Reference (ToR):

- Finalized as draft version 2.3 on March 14th;

Objective

To enable UNFC system for the effective management of resources in alignment to SDGs
Draft proposal on developing specifications and guidelines for classification and subsequent management of mineral inventory

- Finalized the draft version (ECE/ENERGY/GE.3/2018/xx) on March 18th;
- Reviewed by the Technical Advisory Group and EGRC Bureau
- All comments received will be considered in the development of the documents
The EGRC Minerals Working Group
Annual Report 2018 / Geneva, April 26th 2018

Proposed UNFC Mineral Management Framework

Sustainable Development Goals

SDG 1
SDG 2
SDG 5
SDG 6
SDG 7
SDG 8
SDG 9
SDG 10
SDG 11
SDG 12
SDG 13
SDG 17

UNFC Mineral Management

International studies
Goverment management
Company management
Public disclosure

Definitions
Up-scaling

Controling Factors
UNFC Mineral management system is needed for:

• Resource classification (UNFC Framework)
• Sustainable resource management
• Socio-economic and commercial assessment
• Innovation planning and management
• Definition of life-cycle and certification of recovery chains
Topics of interest

• Clarification of definitions, terminology and concepts
• Assessment of Exploration Projects (Undiscovered mineral potential)
• Defining the factors that control resource progression
• Mining methods and technologies for recovery
• Definition of Mineral Life Cycles
• Certification of Mineral Resource Recovery Chains
• Social and environmental consideration in mineral resource development
• Preparation and predicting the future of mining
• Valuation
• Sustainability Reporting
• Public (Financial) reporting
Tasks for the coming years (2018 – 20):
Extra budgetarian funds will be sought for achieving most of the tasks.

- Preparing a draft document on specifications and guidelines for classification, management and reporting of mineral inventory/projects;
- Case studies on mineral projects;
- Workshops and seminars;
- Collaboration with other WGs especially, SECTF, AWG, CPTF;
- Constant contact with CRIRSCO/PERC/CIM;
- Bridging resources to CRIRSCO and return;
Tasks for the coming years (2):

• Revising the ToR as required;
• Contact to mine management groups on EU and national levels;
• Collaboration with and assistance to regional organizations interested in developing reporting and management codes or standards in which resources are defined and classified in accordance with UNFC – AMDC (Africa); CCOP (Asia-Pacific) and OLAMI (Latin America and Caribbean);
Tasks for the coming years (3):

• Being the interface between UNFC and industry, NGOs, state organizations;
• Provide confidence and expertise:
• Being available as the expert pool on minerals and mining for UNFC;
• Workshops and seminars.
Thank you and Glückauf!

Dr. Michael Neumann
Chair MWG & Vice President EFG
efg.vicepresident@eurogeologists.eu