Informed Dialogue and Decisions for Sustainable Development
Adoption of the UNFC*

*UNFC Adoption Group Report ECE-ENERGY-GE.3-2024-10.pdf (unece.org)
UNECE & CRM Seminar; Session 3 Panel1; Geneva-Ch, 23/04/2024
Problem Statement of Sustainability in CRM

- **Resilient** – affordable, reliable, and sustainable.
- **Sustainable** - to meet the needs of the present, without compromising the ability of future generations to meet their own needs.
- **Just (intergenerational)** - to prioritize long-term needs over short-term gains.

This is a multifaceted challenge asking for:

- **Informed debate** amongst stakeholders
- **Integrated and dynamic capabilities**
- **Collaborate in constructive public-private partnerships**

Adoption of UNFC can enable informed debates and decisions in sustainable resource management
Needed: Integrated & Dynamic Capabilities in Public-Private Partnerships

• Resource governance should set framework conditions allowing

• Businesses to deploy their best capabilities in ways that

• Capital allocators can finance.

✓ These stakeholders should excel as partners

✓ Exploiting and respecting each other’s capabilities and interests

✓ Digitally enabled for analyses and communication.
Recommendations by UNFC Adoption Group

1. Communicate and promote the purpose of UNFC
2. Add Metrics that Matter
3. Establish Alliances with Standard Setting Organisations
4. Develop Strategic Use Cases
5. Engage with Potential Adoption Champions
6. Establish UNFC user support capacity
7. Update UNFC Supplementary Specifications
8. Digitalize and safe resources
PURPOSE – A PARADIGM SHIFT?

UNFC is the framework for classification and reporting of sources & products

And the information framework for decisions in sustainable development of resources.
44. The Expert Group noted that the work on commercial applications of UNFC has revealed a need to adjust the formal definition of UNFC to include metrics that projects carry beyond sources and products, e.g., emissions, costs, revenues, energy requirements, other input factors etc. The Expert Group agreed on the use of the metrics that decisions require, both in the form of scalars and as time series.
Project Example

Metrics this user needs

Enabling

› To compile information in key metrics
› To compare attractiveness of options in
  › Economic
  › Environmental
› Social terms
› Informed dialog & decisions
› Constructive public-private partnerships

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### ENabling

**Category: UNFC - Block 30 - Kan Project (WD)**

<table>
<thead>
<tr>
<th>Category</th>
<th>Class</th>
<th>Rationale</th>
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<tbody>
<tr>
<td>E2</td>
<td>potentially viable</td>
<td>Viable development identified, FID is expected</td>
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<tr>
<td>F2.1</td>
<td>further evaluation</td>
<td>Appraisal (drilling) activities ongoing</td>
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<td>G</td>
<td>1, 2, 3</td>
<td>HC recoverable estimates (PRMS = P90/P50/P10)</td>
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<thead>
<tr>
<th>Type</th>
<th>Metric</th>
<th>Unit</th>
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<th><strong>Green Power</strong></th>
<th><strong>Blue-H2</strong></th>
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<tr>
<td></td>
<td>Total Gas Production*</td>
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<td>Duration (physical)</td>
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<td>Employment indirect*</td>
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*metric avail. in annual figures over LoF

All figures are estimates
### ADD METRICS THAT MATTER BUT WHICH?

- Physical metrics
- Economic metrics
- Environmental metrics
- Social metrics
- Total values and time series ...

**Users choose, what they need**

**Guidance for most needed metrics helpful**
Users and uses? Example EU-CRM Act:

- Strategic projects
- Geological mapping of sources
- Extractive waste
- Supply risks

Adopting UNFC:
- Project developers
- Member states
- EU Commission

For social, environ. & economic viability, the feasibility of the projects and the level of confidence in estimates
PURPOSE – A PARADIGM SHIFT

UNFC is the framework for classification and reporting of sources & products.

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Thank you!

Matthias Hartung
Chair of the UNFC Adoption Group and Member of the Commercial Applications Working Group

UNECE
Date 23 I 04 I 2024, Geneva

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