

# The Need for UNFC Adoption (Standards) - Group

Matthias Hartung – EGRM CAWG  
Chair of Ad Hoc Working Group  
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## RESOURCE MANAGEMENT WEEK 2023

ASSURING SUSTAINABILITY IN  
RESOURCE MANAGEMENT



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# Background & Problem Statement



- UNFC & UNRMS have 'settled' well *within* EGRM and their affiliations
- Adoption is spreading in geol. surveys, authorities & academia
- Use is primary for reporting within sectors

However

- After 20+ years, UNFC is starting to get known *outside* of EGRM
- Reported use cases show variable consistencies in adoption
- Full value and uniqueness of UNFC & UNRMS is yet to be realized
- Urgency & Importance to support challenges in energy & CRM resilience

➤ ***Are we ready for widespread adoption?***

# Proposal to EGRM



To establish an Adoption (Standard) Group (AG) to:

- **Analyze** challenges to widespread adoption
- **Propose** solution to overcome challenges
  - With Simplicity & Speed,
  - Given the urgency and importance
- **Leverage** the independent, high-quality, broad EGRM expertise

# Purpose & Scope of the Adoption Group



Provide a gaps analysis to widespread adoption with focus on

- 1. What decision makers/users need** in member states , industries, capital allocation
- 2. Barriers to adoption**
  - **Standards** on how to adopt
  - **Legislation** to mandate UNFC adoption
  - **Others** yet to be identified barriers
- 3. Alliances and bridging** to standards in Sustainable Resource Management
  - ISSB/IFRS, SEC, EITI, ...

Provide solution proposal how to fill the gaps in adoption with urgency

# Proposed Way-Ahead



- Draft ToR of Adoption Group (AG) for Bureau approval on behalf of EGRM
  - With proposed structure and home of AG within EGRM
- Invite contributing qualified experts
- Establish a functioning working group
- Consult, interview, and draft documents for review
- Deliver two documents to EGRM in 2023
  - Gaps analysis
  - Solution proposal

# Visualization Example of Adoption To Compare & Contrast Projects in ESG



FLUXBLE | Energy Energy Server

Venture

Search Add Venture

### PROJECT COMPARISON

	MIRAAH SOLAR	GREATER BARIK	ATATÜRK DAM
Continent	Asia	Asia	Asia/Europe
Country	Oman	Oman	Turkey
Resource Type	Solar	Hydrocarbon	Hydro-Electric
Lifecycle Duration [years]	30	35	50
UNFC Resource Estimate:	[MW] 1,050	[MMSTB] 180	[MW] 2,500
Lifecycle Resource – 111 [EJ]	0.99	1.06	3.94
Eqv. CO <sub>2</sub> Emissions [g/MJ]	13.9	10.3	5.1
Construction Duration [years]	3.5	2.0	5.0
Employment-Construction [FTE]	1,100	900	3,500
Employment-Operational [FTE]	75	150	90
Financing Request [MM\$]	90	35	120

\* From EGRM-12: <https://unece.org/isu/documents/2021/04/presentations/achieving-common-information-structures-comprehensive>.

# Conclusion and Recommendation



The Expert Group noted the initiative of the Working Group to establish a UNFC Adoption (Standards) Group under the Bureau and agreed to this proposal.

# Thank you!

Matthias Hartung & Sigurd Heiberg  
CAWG

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Date 28 | 04 | 2023, Geneva



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