

# TAG Report

Oct 2020 – April 2020



**RESOURCE MANAGEMENT WEEK 2021**

ENABLING SUSTAINABILITY PRINCIPLES IN RESOURCE MANAGEMENT



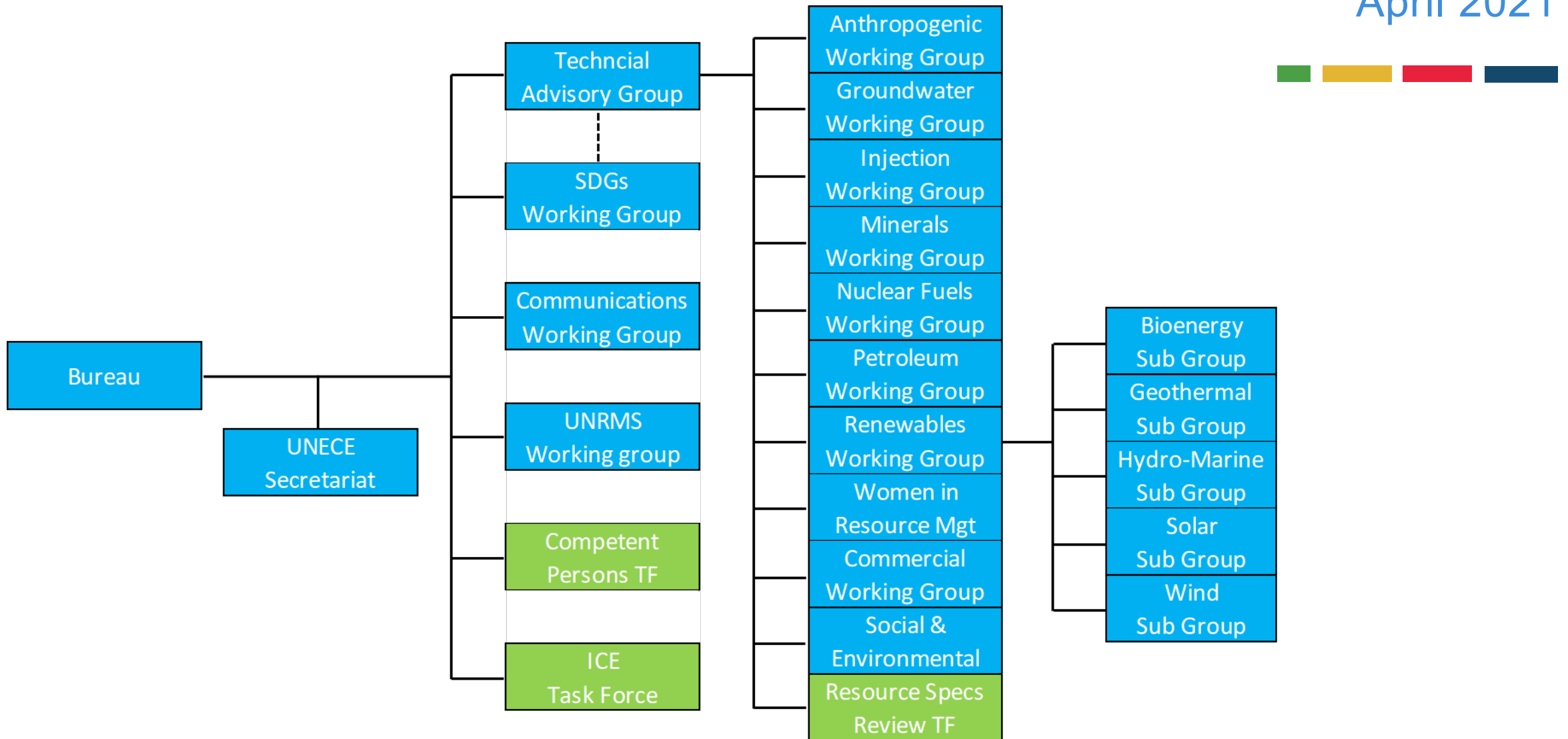
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- TAG and WGs Organisation and Scope
- Overview of activities & achievements since EGRM-11
- UNFC Update Task Force recommendations
- Status of UNFC

# Bureau Structure

April 2021



# TAG Membership

April 2021



- Mr Alistair Jones Chair
- Mr Ulrich Kral Anthropogenic Working Group
- Mr Sigurd Heiberg Commercial Working Group
- Mr Kevin Parks Groundwater Working Group
- Ms Karin Ask Injection Working Group
- Mr Johann Gotsis Minerals Working Group
- Mr King Lee Nuclear Fuel Working Group
- Mr Satinder Purewal Petroleum Working Group
- Mr Jeremy Webb Renewables Working Group
- Mr Julian Hilton SDG Working Group (reports directly to Bureau)
- Mr Claudio Virues\* Social & Environmental Working Group (David Elliott to 23/9/20)
- Ms Maria Capello & Ms Cristina Robinson Women in Resource Management

\* Claudio Virues and Jim Jenkins co-chair the S&E WG, but Claudio represents the WG on TAG

## Observers

- Mr David MacDonald (EGRM Chair), Ms Charlotte Griffiths (UNECE), Mr Hari Tulsidas (UNECE)

**All (current and retired) are thanked for their dedicated leadership of Working Groups and for their wise and constructive guidance as members TAG**

# TAG WG activities & achievements

Oct 2020 – April 2021

UNFC Specifications & Bridging Documents
Groundwater Specs - draft
Minerals Specs - draft
Nuclear Specs - draft
Petroleum Specs - draft
UNFC Update Recommendations
Common glossary
Anthropogenic Specs update
Geothermal Specs update
CRIRSCO/UNFC bridging update
PRMS/UNFC bridging update
Chinese Minerals and Petroleum bridging updates

COMPLETED
IN PROGRESS

Guidelines and Applications
Guidance for Social and Environmental Considerations for UNFC
UNFC applied to Commercial Assessments – Introductory Guidance
UNFC applied to commercial assessments- Update & achievements
Application of UNFC to Renewable Energy
Advancing Women in Resource Management: Activity Report 2021
Azerbaijan Petroleum Case Study
Coalbed Methane work
Feedback to consultation by Net-Zero Asset Owner Alliance on "Alliance 2025 Target Setting Protocol"
Feedback to IFRS Foundation Consultation Paper on Sustainability Reporting
Feedback to consultation by FSB's Task Force on Climate Related Financial Disclosures

Webinars and Workshops
How UNFC can help channel investments into energy and resource projects for sustainable development
UNFC Europe: Ensuring sustainable raw material management to support the European Green Deal
Phosphates for sustainable development: Fertilisers and phosphogypsum in the circular economy
Women in Mining: Global Perspective
Training Workshop on Guidelines and best practices for MSMEs
Training workshop Women entrepreneurship in natural resource management

# Task Force on UNFC Resource Specifications

## Purpose, Membership and Approach



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- Purpose

- To review UNFC resource specifications and provide recommendations on consistency, clarity and ease of use, updating for UNFC (2019) and on a common glossary. This will provide input to the Working Groups in updating resource specifications, and to TAG reviewers when reviewing the updates

- Membership

- all TAG WGs were invited to be represented
- 13 members (see title slide) from most of the WGs

- Approach

- Regular TF calls to review progress, discuss issues and agree plan. The Secretariat (Charlotte Griffiths and Hari Tulsidas) joined many of the calls
- The published and draft resource-specific specifications, available up to October 2020, were reviewed for consistency with UNFC (2019), clarity and ease of use, and considered in learning lessons and making recommendations
- Sub-teams worked on different aspects i) Scope, Contents and Structure, ii) EFG Axis, iii) Glossary and Abbreviations
- The draft report was sent to TAG WGs for comment
- The Task Force reviewed, discussed and agreed the I report

# Recommendation to Harmonize UNFC docs



Incremental approach to achieve consistency and clarity

- common terminology; harmonized scope, contents & structure; EFG definitions

**Now**

v1.0



**Medium-term**

v2.0 – limited harmonization,  
incremental update of  
current resource-specific  
specifications



**Long-term**

v3.0 – full harmonization and  
simplification, significant  
revision of all UNFC  
documents



# Summary of Recommendations



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Resource Specifications

- Version v2.0 – limited harmonization, incremental update of current resource-specific specifications
  - **UNFC (2019) and guidance documents:** no change from current versions
  - **Terminology:** Develop and adopt common glossary. Update terminology, axis names, class and sub-class names to be consistent with UNFC (2019). (A draft Glossary is proposed in the report.)
  - **Scope, contents structure:** reorganize current contents - harmonized titles, common contents page + optional sub-headings in each resource-specific specification. Reorganize content of current resource-specific specifications, but fit into new common structure. Reference/add any missing common content.
  - **EFG definitions:** Align with 2019 UNFC. Ensure that they are still fit for purpose and amend if necessary. Follow examples of good practice in current documents. Harmonize across resources

Resource Specifications

- Version v3.0 – full harmonization and simplification, significant revision of all UNFC documents
  - **UNFC (2019) and guidance documents:** Revise - incorporate all common material into updated UNFC (2019). If EFG decision trees are deemed useful, they can be at the UNFC guidance level.
  - **Terminology:** Same as v2.0. Develop and adopt common glossary. Update terminology, axis names, class and sub-class names to be consistent with UNFC (2019).
  - **Scope, contents structure:** More significant revision than v2.0. Revise current contents to have common contents pages and only include functional requirements. Add case studies or generic examples?
  - **EFG definitions:** More significant revision than v2.0. Adopt a similar level (quality and format) of additional explanation for EFG categories for each resource-specific specification. Could we provide universal E axis guidance? Eliminate repetition of EFG text already contained in UNFC and focus specifications on sector specific guidance.



# Benefits, Limitations/Costs of Updates



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**Version v2.0** – limited harmonization, incremental update of current resource-specific specifications, no changes to UNFC (2019)

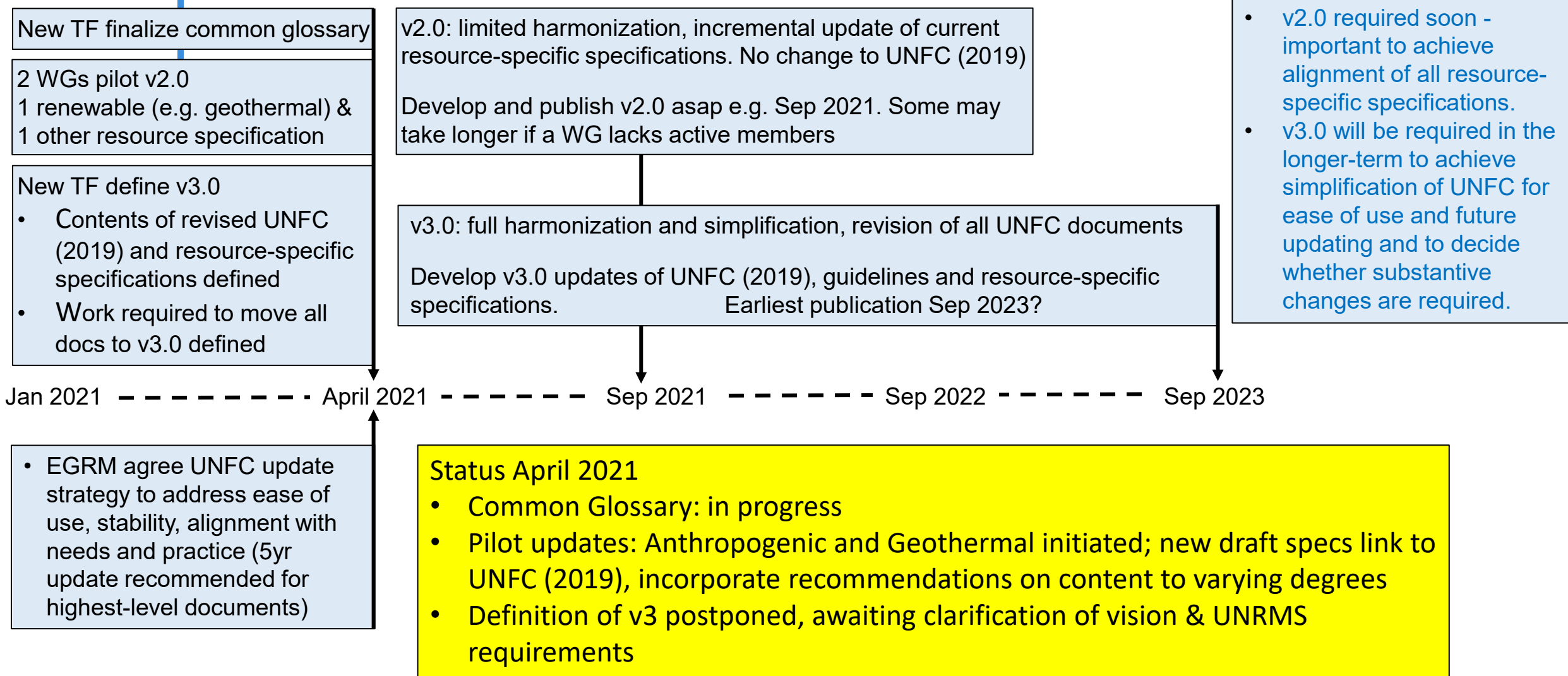
- Achieves consistency of terminology with UNFC (2019); some harmonization
- Easy and rapid to implement: no change to UNFC (2019), each resource-specific specification can be updated and published when ready, primary changes are terminology and reorganisation
- Opportunity to make incremental improvements to resource-specific specifications e.g. adopt good practice from other documents, no longer require Generic Renewable Specifications
- Harmonization is limited, UNFC documents remain quite complex to use, current weaknesses of UNFC (2019) not addressed. Some hesitant to adopt because of these weaknesses.

**Version v3.0** – full harmonization and simplification, significant revision of all UNFC documents

- Achieves much greater level of harmonization, simplification and ease of use of UNFC and resource-specific specifications. Makes future updates easier.
- Requires more work and more coordination between WGs: agreeing significant changes to organise content between documents and to achieve as much consistency as possible
- Opportunity to make substantive updates to correct current weaknesses in UNFC (2019), and align with requirements of UNRMS which may emerge. UNFC (2019) was a light touch update of UNFC (2009) which focussed on updating terminology. The possibility of a future substantive update was recognised at the time.
  - Possible substantive updates: allow additional project metrics, distinguish between projects and assets, move “commitment” to E axis from F1.2, add granularity to E2, address concerns that E3.1 is not a maturity sub-category, remove G4 and use G1/2/3 as F3 identifies Prospective Projects, add F4.4 for notional/undefined projects using existing technologies, add information on barriers, address implications of the change in view of quantities from “in-place” in UNFC (2009) to “not produced” in UNFC (2019).
  - Making substantive updates may be disruptive to users and undermine adoption.

# Recommended Next Steps for Implementation

Develop v2.0 then v3.0, Define Update Strategy



UNFC 2009 Generic Specifications	Limited Glossary	Specifications		Bridging	Cases Stud/ Pilots	
		Anthropogenic	✓		✓	
		Groundwater				
		Injection	✓			
		Minerals	via CRIRSCO	CRIRSCO, CCMR-1999	✓	
		Nuclear Fuels		NEA/IAEA Red Book	✓	
		Petroleum	via PRMS	PRMS, RF2013, CCPR-2004	✓	
		Renewables	Bioenergy	✓		✓
			Geothermal	✓		✓
			Hydro-Marine			
			Solar	✓		
			Wind	✓		✓
Guidance	Competent Persons, Evaluator Qualifications, Definition of a Project, Social & Environmental Considerations, Uranium & Thorium					



- More universal terminology
- Groundwater, Minerals, Nuclear, Petroleum drafts published
- Bridging doc updates progressing
- Common Glossary and updated specifications in progress
- Guidance developed
- Communication and promotion: successful webinars, interactions with other standards-setting SDG initiatives

UNFC 2019 Generic Specifications	Common Glossary - in progress	Specifications		Bridging	Cases Stud/ Pilots	
		Anthropogenic	update in progress			
		Groundwater	draft published			
		Injection				
		Minerals	draft published	Updates: CRIRSCO draft, CCMR-1999 draft		
		Nuclear Fuels	draft published			
		Petroleum	draft published	updates: CCPR-2004 draft, PRMS initiated		
		Renewables	Bioenergy			
			Geothermal	update in progress		
			Hydro-Marine			
			Solar			
			Wind			
Guidance	Application to Renewable Energy, Commercial Assessments, Social & Environmental Considerations, Competent Persons (in progress)					

# Thank you!

Alistair Jones  
TAG Chair

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Date 27 | 04 | 2021, Geneva



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