

G axis uses

Overview of Task Force report & recommendations

Longer talk on Friday



RESOURCE MANAGEMENT WEEK 2024



UNECE

Task Force

Purpose and membership

- EGRM 14 recognized that the G axis is being used in different ways – for different resources and applications.
 - G axis Degree of confidence (in estimated quantities). What does it mean?
- Task Force to clarify uses and recommend way forward

Alistair Jones (Chair)	Academia / oil & gas, carbon storage
Hendrik Falck	Profession regulators and industry / minerals
Ulrich Kral	Government sector / anthropogenic
Alex Shpilman	Private sector / oil & gas
Slavko Šolar	UNECE / minerals
Hari Tulsidas	UNECE / nuclear
Marina v. Vietinghoff-Scheel	Government sector / anthropogenic



Different uses of G axis

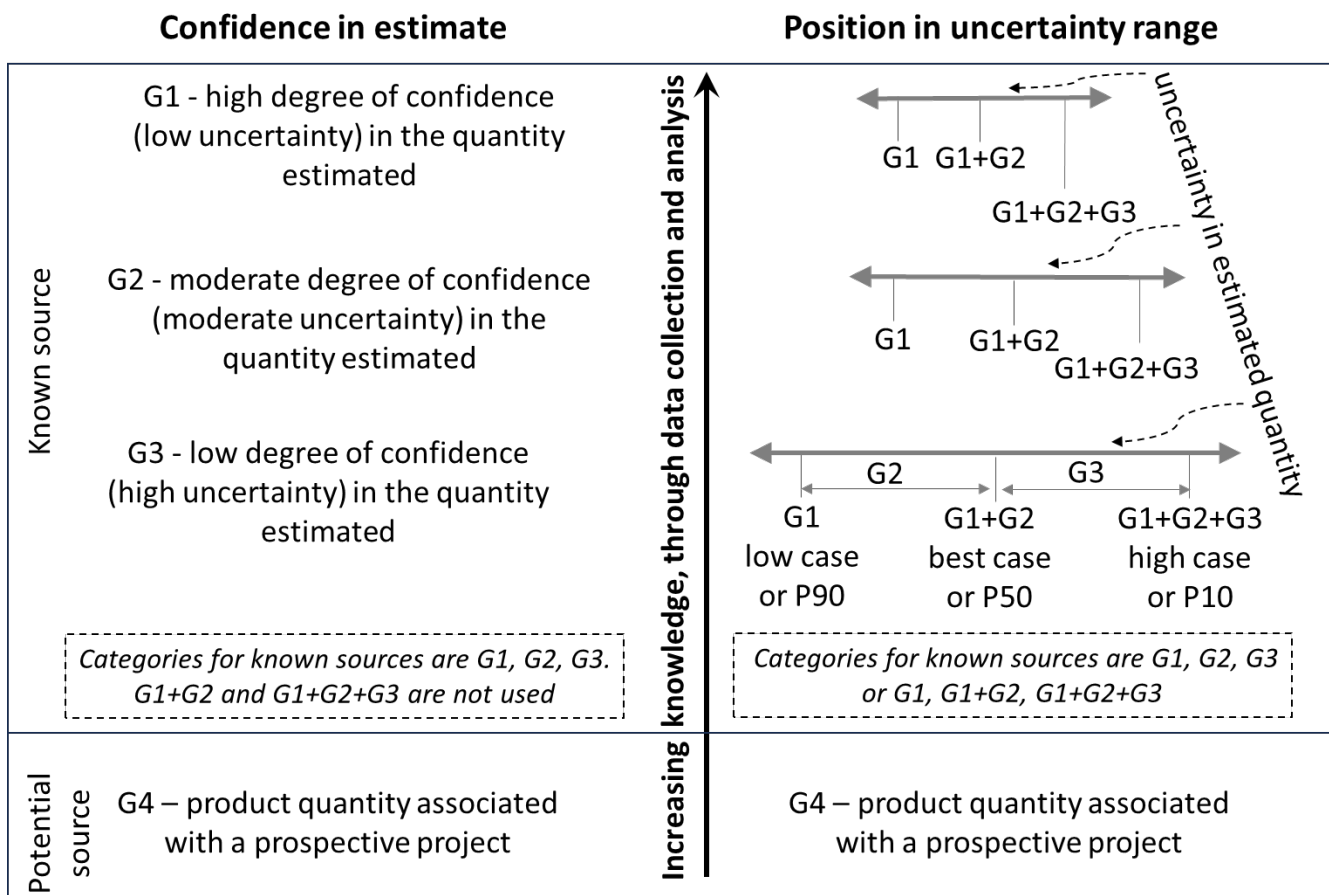
Schematic



minerals, nuclear, anthropogenic petroleum, injection, renewables

G axis Degree of confidence in estimated quantities

- Review of case studies and bridging documents
- Extensive discussion
- TAG review and feedback
- Presentation to Bureau



Approximate correspondence between uses



Class	Minimum E and F Categories		Approximate correspondence between uses of G axis	
			Confidence in estimate	Position in uncertainty range
Viable Projects	E1	F1	G1	G1
			G2	G1+G2
			G3	G1+G2+G3
Potentially Viable Projects	E2	F2	G1	G1
			G2	G1+G2
			G3	G1+G2+G3
Non-Viable Projects	E3	F3	G1	G1
			G2	G1+G2
			G3	G1+G2+G3
Prospective Projects	E3	F3	G4	G4

Recommendations

https://unece.org/sites/default/files/2024-04/G%20axis%20TF%20Report%20ECE-ENERGY-GE.3-2024-11_ENG.pdf

- Recognise that the G axis is used differently for different purposes, but that there is an approximate correspondence between G axis categories
- Document guidance and naming convention for these uses: “confidence in estimate” & “position in uncertainty range”, and show how comparisons can be made
- Working Groups consider adding resource-specific guidance on how to estimate quantities and assign appropriate G axis categories (some exists e.g. petroleum)



Recommendations

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- Recognise that the G axis is used differently for different purposes, but that there is an approximate correspondence between G axis categories
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- Working Groups consider adding resource-specific guidance on how to estimate quantities and assign appropriate G axis categories (some exists e.g. petroleum)
- **Address related issues**
 - List relevant UNFC documents for different users
 - Update project guidance note
 - Guidance on aggregation, and on direct vs. indirect evidence



THE VIEWS EXPRESSED ARE THOSE OF [AUTHOR NAME AND/OR ORG] AND DO NOT NECESSARILY REFLECT THE VIEWS OF THE UNITED NATIONS.

Thank you!

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