

UNFC

classification for sustainable resource management



**RESOURCE MANAGEMENT
WEEK 2023**

**ASSURING SUSTAINABILITY IN
RESOURCE MANAGEMENT**



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Who needs to know what?



“globally significant” lithium found
BBC News Sep 2020

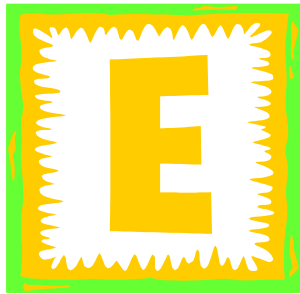


NEIL WILLIAMS

- Governments, Industry, Finance, Civil Society, Creators of Studies
- Require reliable project information for planning and decisions

UNFC Classification Framework

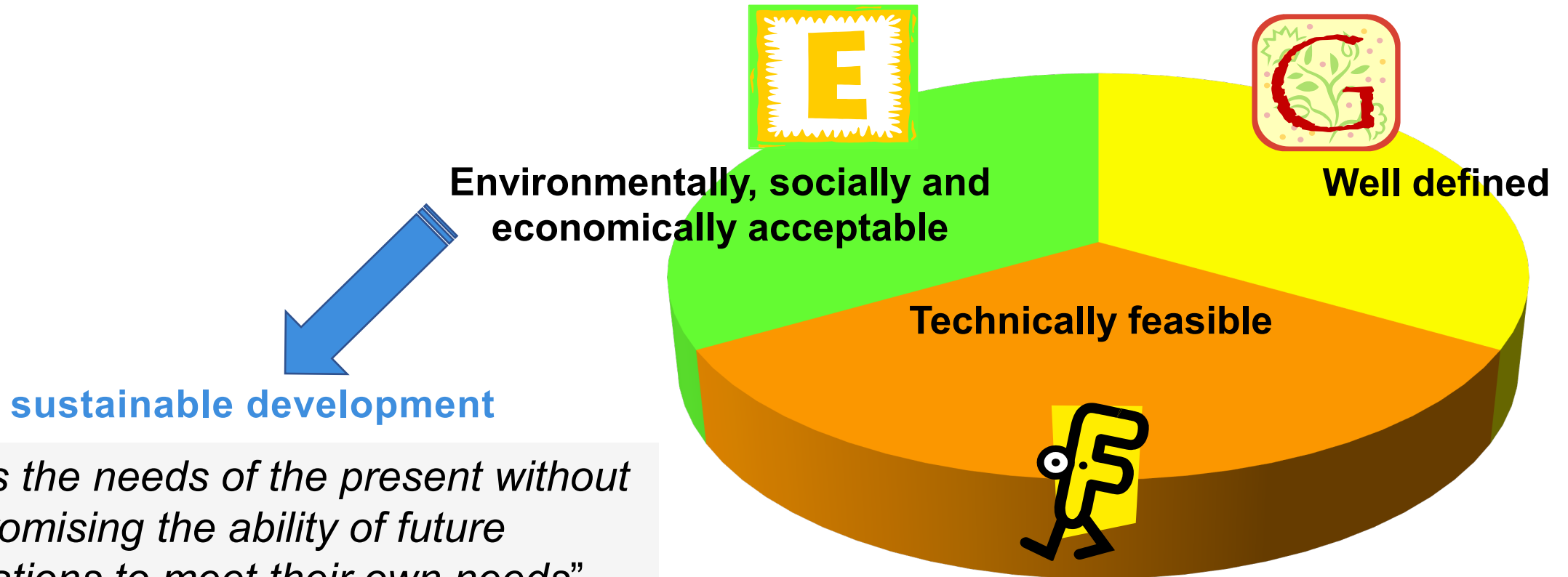
3 fundamental criteria



- Environmental-socio-economic viability
- Technical feasibility
- Degree of confidence in quantities to be produced/injected

Why 3 criteria?

For project to be viable

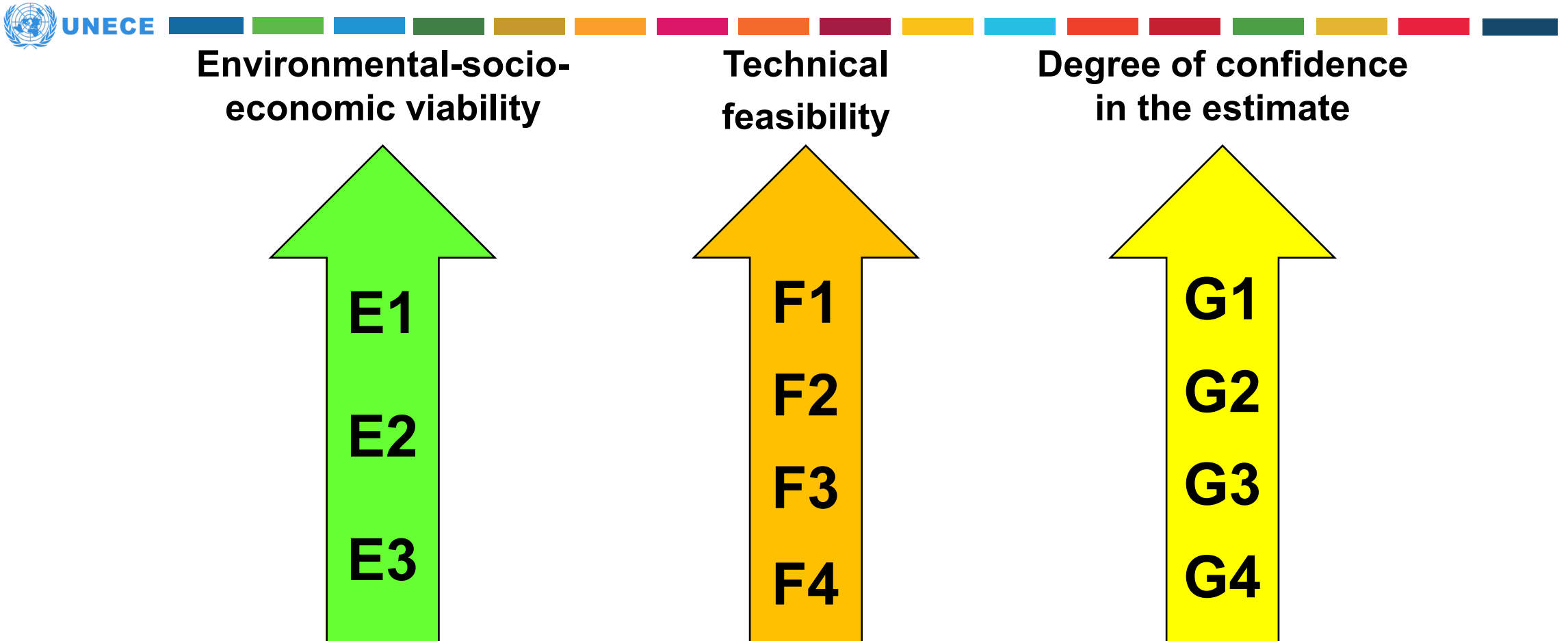


sustainable development

“meets the needs of the present without compromising the ability of future generations to meet their own needs”
Bruntland Report 1987








Project Maturity and Confidence in Estimates

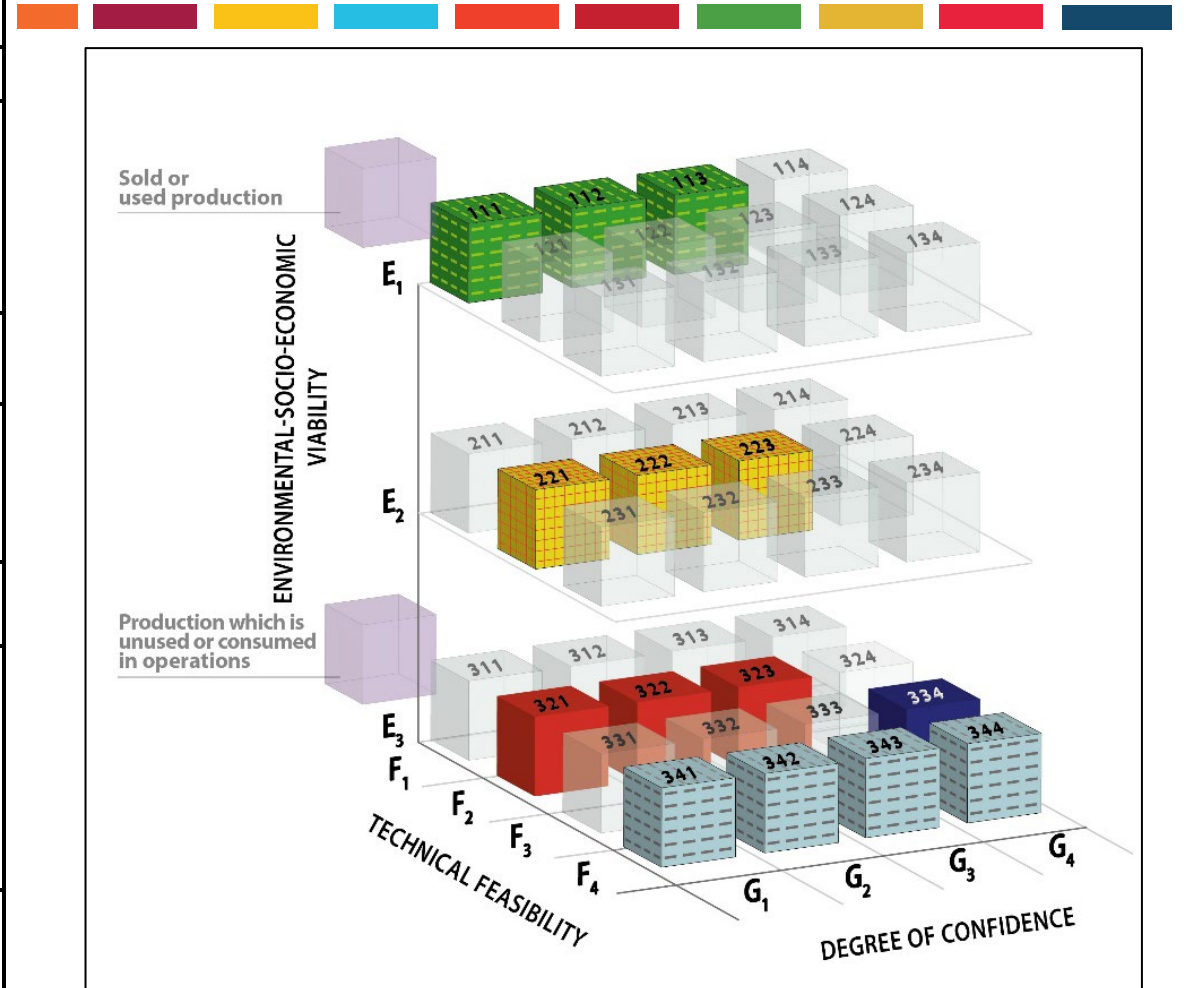
Coding based on the 3 criteria



Refer to UNFC documentation for definitions and supporting explanations

2D or 3D representation

Total Products	Produced 	Sold or used production		
		Production which is unused or consumed in operations ^a		
	Class	Minimum Categories		
		E	F	G ^b
The project's environmental-socio-economic viability and technical feasibility has been confirmed	Viable Projects ^c 	1	1	1, 2, 3
The project's environmental-socio-economic viability and/or technical feasibility has yet to be confirmed	Potentially Viable Projects ^d 	2 ^e	2	1, 2, 3
	Non-Viable Projects ^f 	3	2	1, 2, 3
Remaining products not developed from identified projects ^g 		3	4	1, 2, 3
There is insufficient information on the source to assess the project's environmental-socio-economic viability and technical feasibility	Prospective Projects 	3	3	4
Remaining products not developed from prospective projects ^g 		3	4	4





Consistent framework to describe:

- Key information for stakeholders
- Project maturity
 - an idea-> overcoming hurdles -> will happen-> is producing?
- Quantities & uncertainty
- Unifying global standard
- All resources
 - Generic & Supplementary Specifications

Thank you!

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