

The role of UNFC in an efficient industrial ecosystem

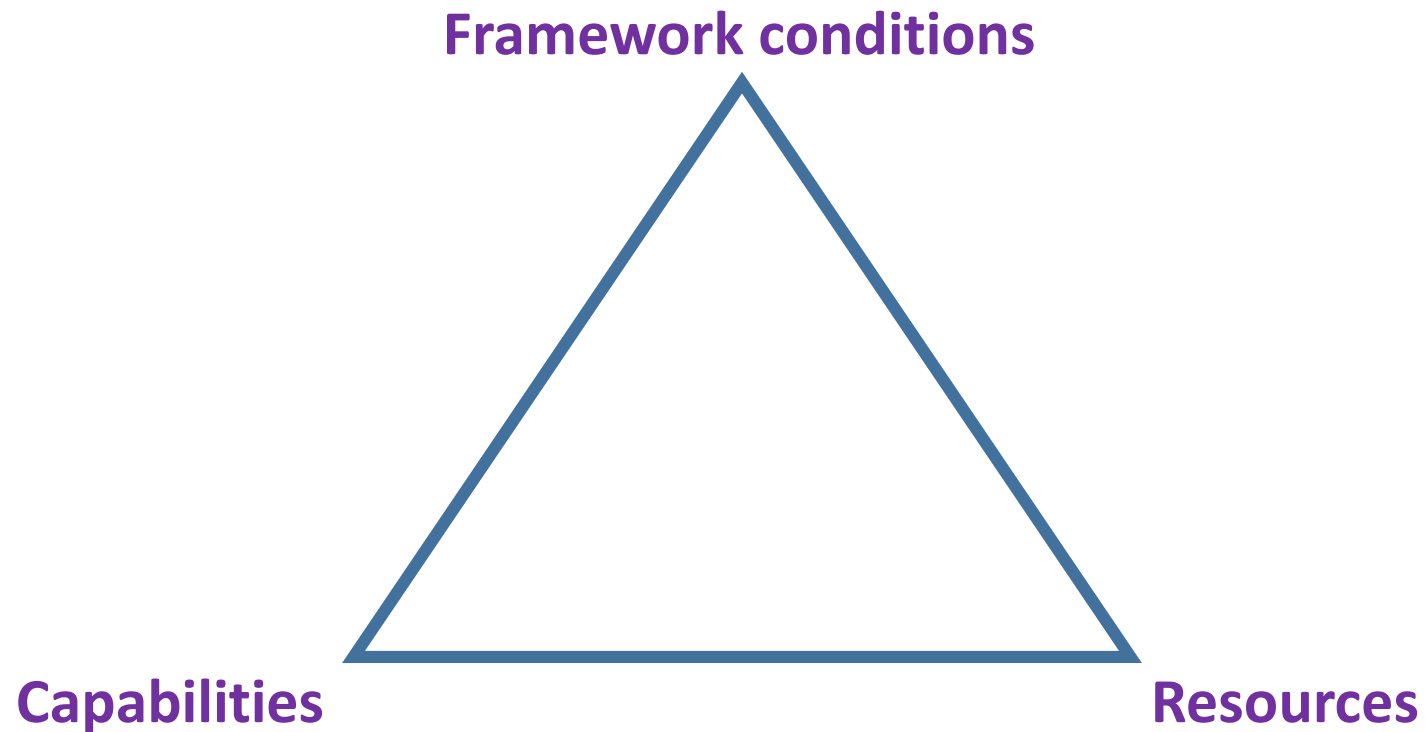
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UNFC Workshop at the 8th session of the EGRC

Geneva, April 25th 2017



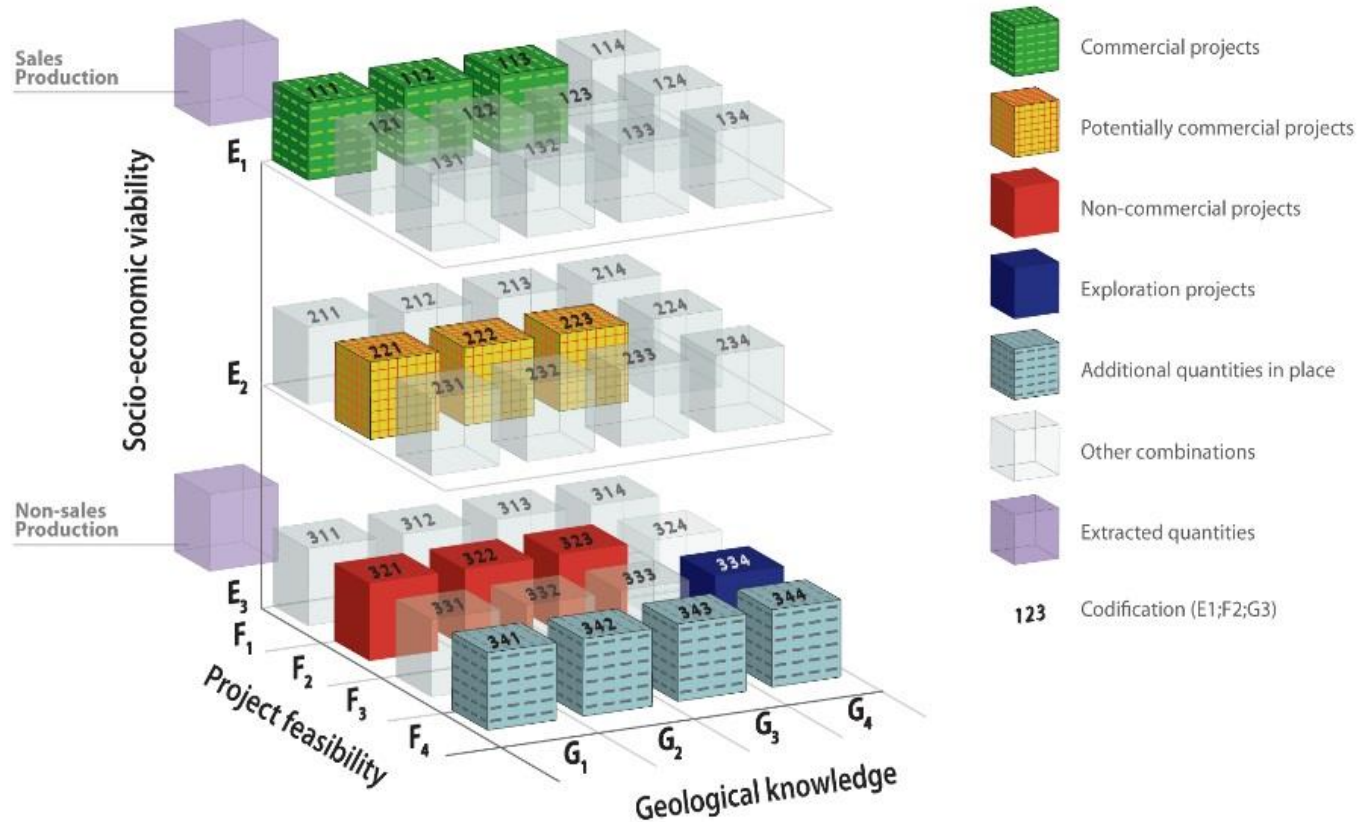
Three cardinal elements of industrial ecosystems



Securing affordable and sustainable services

- Value at the source of production
- Alignment of stakeholder interests
- Recovery factors, economic and social impact
- Security of energy and mineral supplies

E-axis: Economic, social and environmental frameworks
 F-axis: Industry capability
 G-axis : Resources

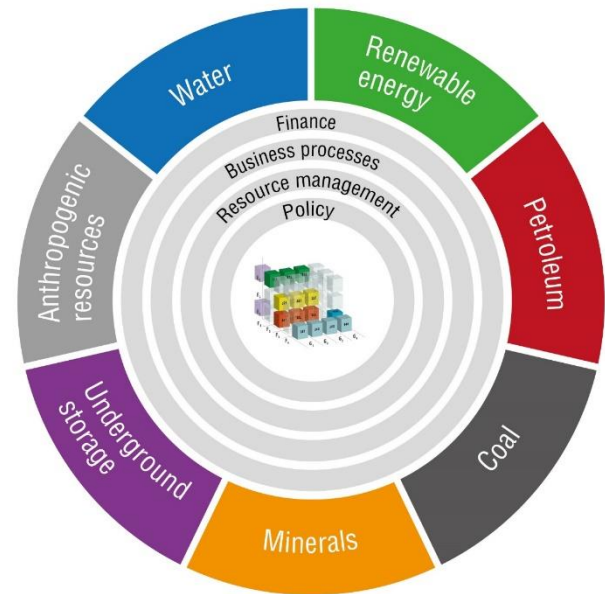


Accounting of change: Example for one project

					Output columns							Total quantity change
					Sales	Non-sales	Commercial	F1 Extractable non-sales	Potentially commercial	F2 Extractable non-sales	Remaining in place	
				Final quantity	10	1	116	4	0	0	190	
							E1F1.1	E3.1F1.1	E1F2.1	E3.1F2.1	E3.3F4	
		Class	Initial quantity	class no	1	2	3	4	5	6	7	
Input rows		Sales		1								
		Non-sales		2								
	Commercial	E1F1.1		3								
	F1 Extractable non-sales	E3.1F1.1		4								
	Potentially commercial	E1F2.1	100	5	10		95		0			5
	F2 Extractable non-sales	E3.1F2.1	10	6		1	1	4		0		0
	Remaining in place	E3.3F4	200	7			20				190	10

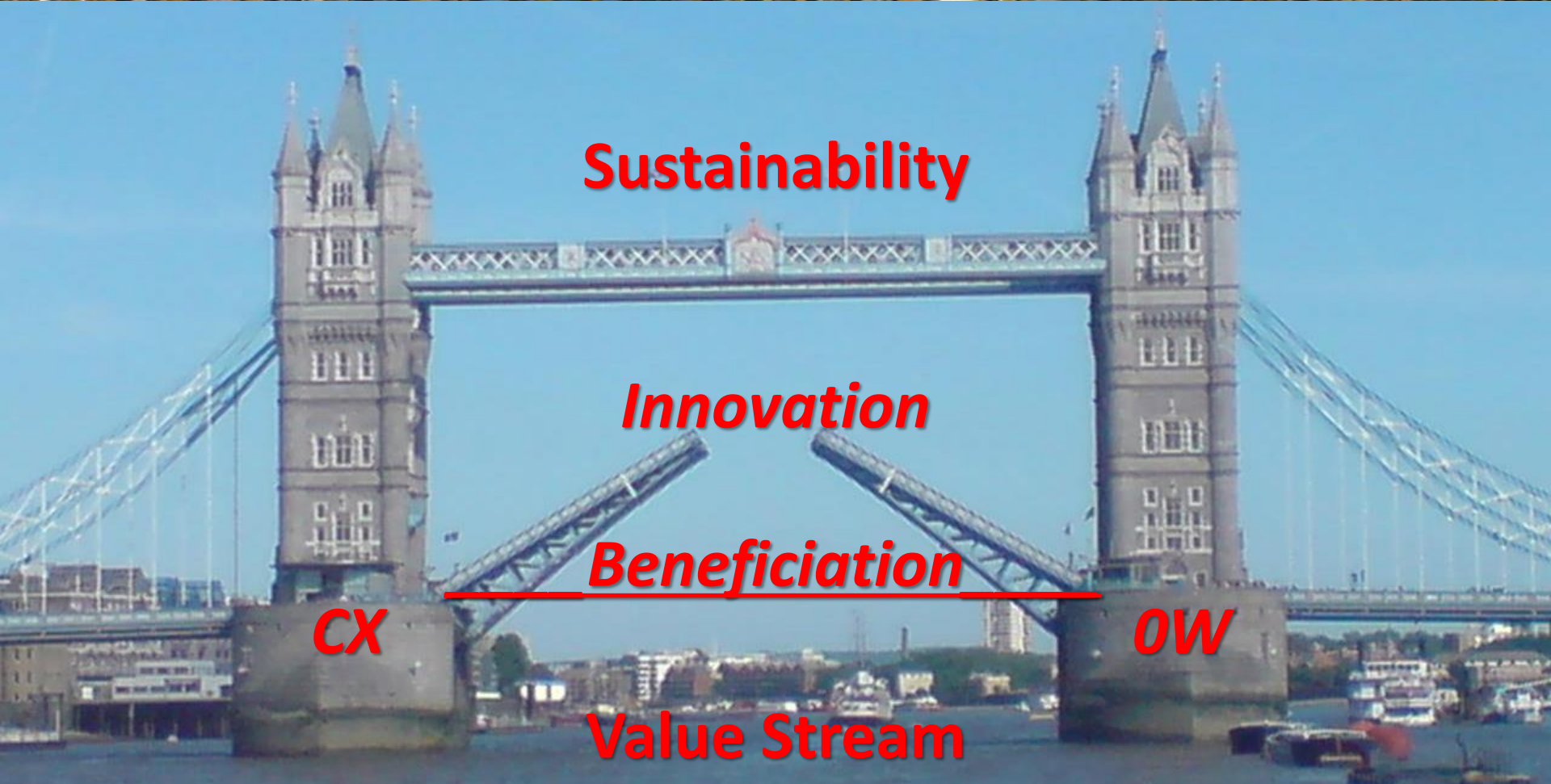
Stay flexible to weather multiple reform cycles

- Develop integrative dynamic capabilities for:
 - Comprehensive no-waste extraction under changing frameworks
 - High social and environmental demands to meet SDG's and Paris Accord
 - Professionals with transferrable skills capable of managing the public and private sectors
 - Appropriate capital allocation under change



United Nations Resource Classification for Fossil Energy and Mineral Reserves and Resources (UNFC) , an International classification of energy and mineral resources that include socio-economic conditions for extraction

From Novel Concepts, To Innovative Solutions



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