

Training on Application of UNFC for Sustainable Resource Management

**NINTH INTERNATIONAL FORUM
ON ENERGY FOR SUSTAINABLE DEVELOPMENT**

TRACK IV: HOT TOPICS AND DEEP DIVES

Kyiv, Ukraine

15 November 2018

Aligning UNFC to the UN Sustainable Development Goals

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15 November 2018

The UN Sustainable Development Goals (SDGs) 2015



“We are committed to achieving sustainable development in its three dimensions — economic, social and environmental — in a balanced and integrated manner”

Heads of 193 Countries, UN New York, September 2015

SDGs: Where does natural resource management fit? *AleffGroup*

Everywhere and Nowhere?



• “We are committed to achieving sustainable development in its three dimensions — economic, social and environmental — in a balanced and integrated manner” - Heads of 193 Countries

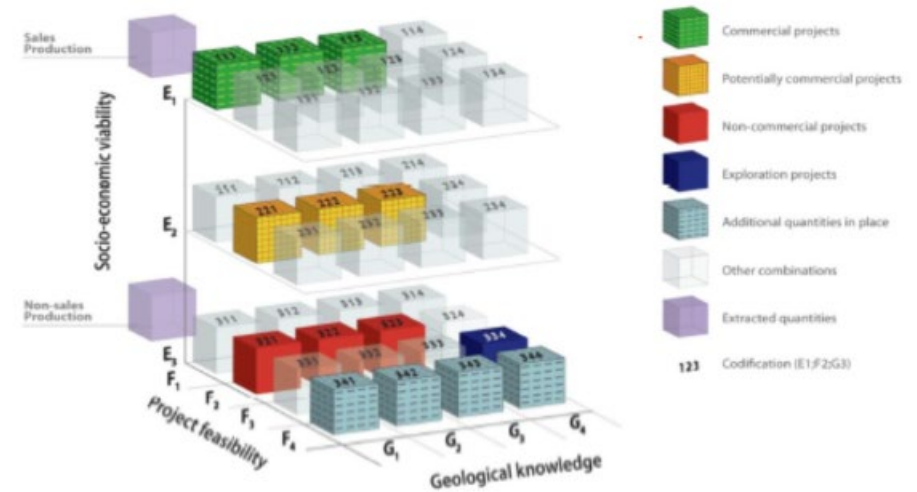
Surely for SDG delivery that means cooperation and partnership?



SDG 17:
Partnership
for the goals



UNFC and SDGs:
Why a step change for UNFC is required?
Or perhaps just inevitable?



Julian Hilton,

Chair, EGRC Sustainable Development Goals Delivery Working Group

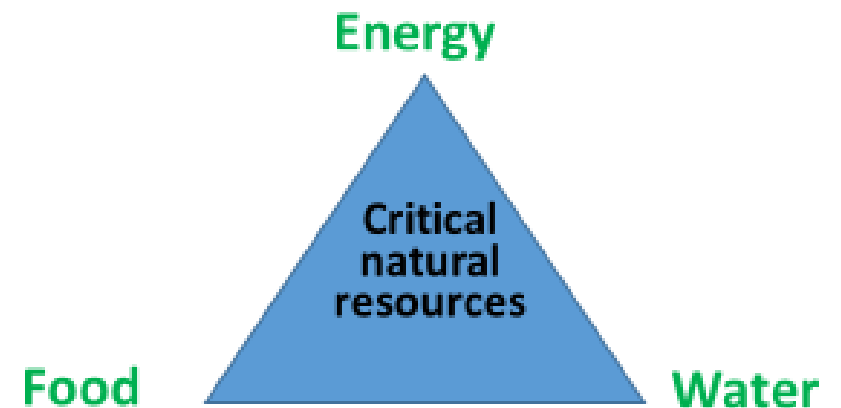
Balanced, integrated, sustainable... measurably meeting unmet needs

We are resolved to free the human race from the tyranny of poverty and want and to heal and secure our planet.

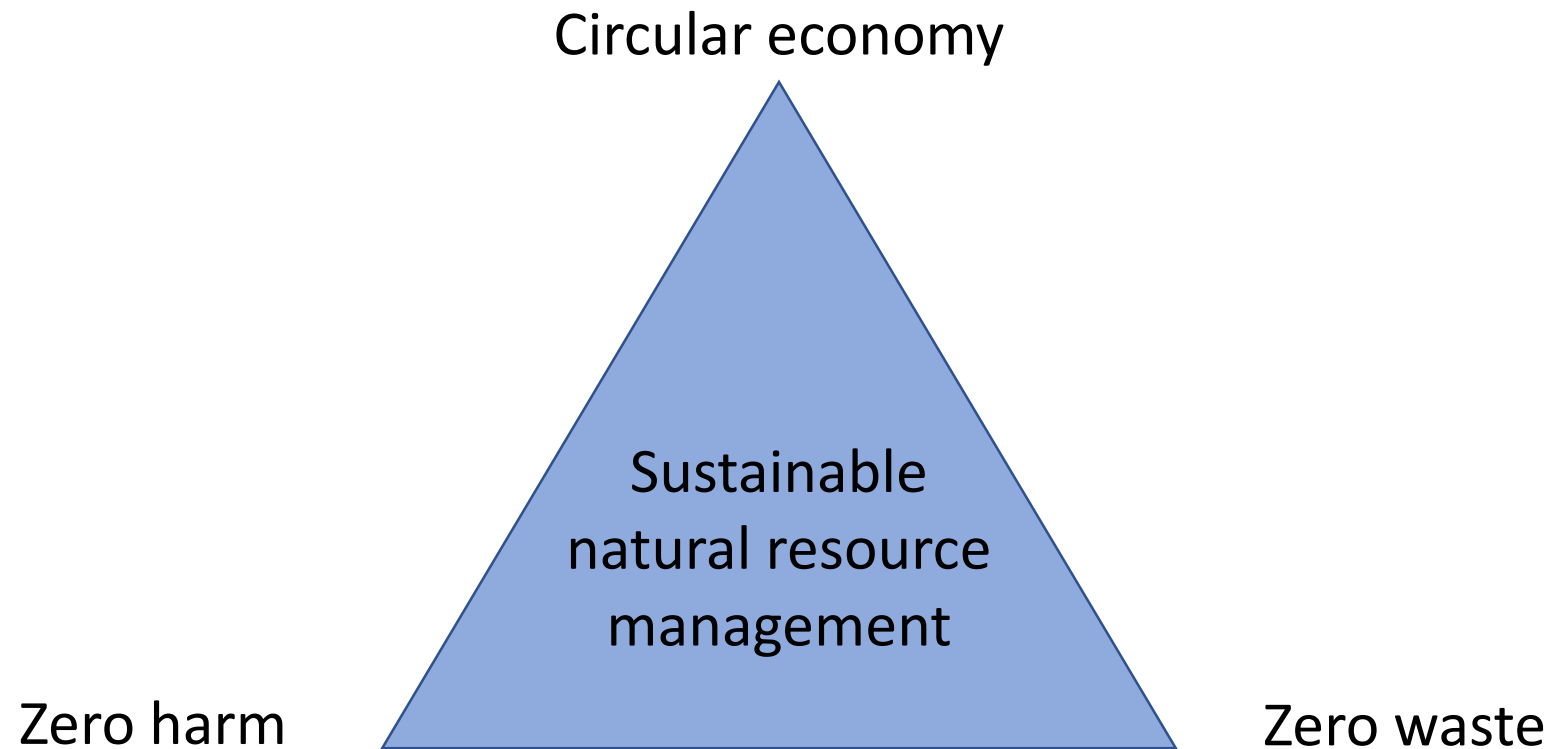
We are determined to take the **bold and transformative** steps which are urgently needed to shift the world onto a sustainable and resilient path.

The Hierarchy of Needs... the FEW and the UN SDGs

- Food security, accessibility, affordability
- Energy security, accessibility, affordability
- Water security, accessibility, affordability



Bold and Transformative...





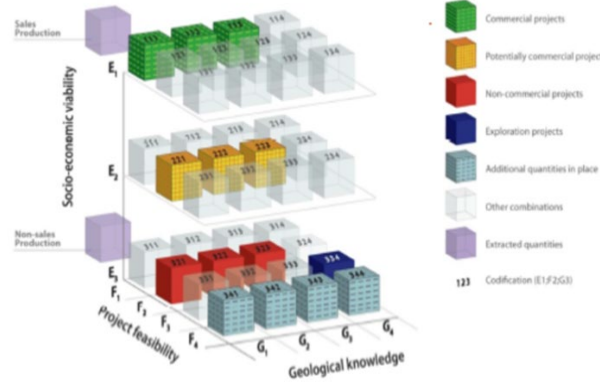
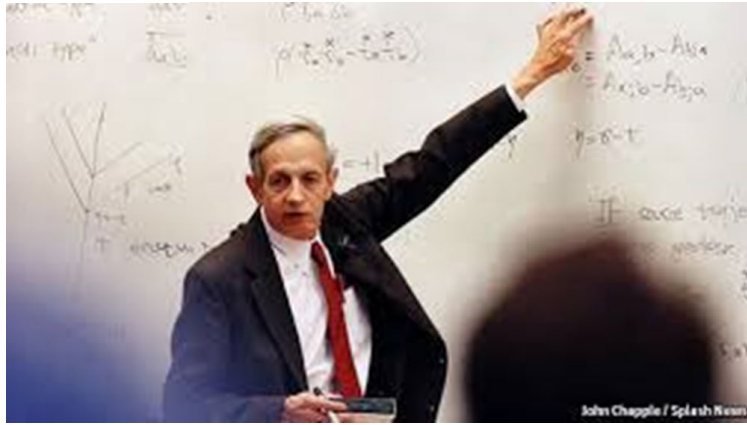
United Nations
Framework Convention on
Climate Change



**Integrated Indivisible
Balanced**

Planet

We are determined to protect the planet from degradation, including through sustainable consumption and production, **sustainably managing its natural resources and taking urgent action on climate change**, so that it can support the needs of the present and future generations.



Resolving the case for transformative change: A Syllogism

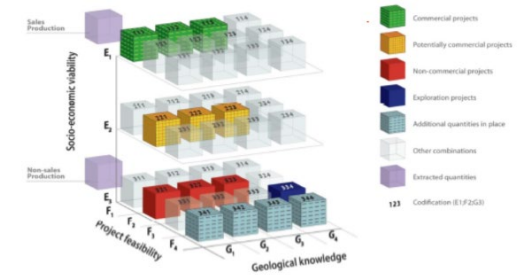
We are pathfinding... towards the new environmental-economic (win/win) point of equilibrium

The UN/ World Bank SEEA Tool Kit: Value release from “residuals”



- All sustainable natural resource management and progression activities keep the interests of people and planet in equilibrium in meeting their needs;
- UNFC is a tool for classifying and measuring the nature and progression of natural resource management;
- Therefore UNFC is a tool that keeps the interests of people and planet in equilibrium, delivering prosperity through efficient, transparent and equitable resource progression and use.

Necessary and Sufficient Conditions for Success: Classification and Management of Resources




- **Classification** is a necessary but not sufficient condition for integrated, balanced, sustainable resource management, as required by Agenda 2030
- To meet the requirement of sufficiency, the pursuit of equitably shared, sustainable Prosperity for the benefit of the People requires an integrated approach to **management** of the natural resources of the Planet, once classified
- Hence the transformative step change required of UNFC is to assimilate its project-centred linear classification framework into a programmatic, value-additive resource progression pathway, resulting in a new environmental-economic equilibrium aligned to the principles of the circular economy and the delivery of Agenda 2030 and requiring a transformative **communications** strategy and associated communications resources, instruments and procedures, grounded in agreed terminology and definitions

SDG Delivery Working Group ToR

Primary objectives

1. To define, promote and support mechanisms for the delivery of specific Sustainable Development Goals (SDGs) as relevant to the application and use of the United Nations Framework Classification (UNFC) and other products generated by EGRC.
2. To foster policies, regulations, capabilities, technologies and a related professional development curriculum, for realizing value release from new economic resources created from residuals/ secondary resources
3. To demonstrate through good practices and case studies that SDG compliant businesses augment or create wealth and prosperity rather than deplete or destroy it.
4. Provide feedback and inputs for continuous development and strengthening of UNFC and other products of EGRC

United Nations ECE/ENERGY/GE.3/2018/7

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12 February 2018
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Economic Commission for Europe
Committee on Sustainable Energy
Expert Group on Resource Classification

Ninth session
Geneva, 24–27 April 2018
Item 9 of the provisional agenda
Role of the United Nations Framework Classification for Resources in the delivery of the Sustainable Development Goals

United Nations Framework Classification for Resources supporting the attainment of Sustainable Development Goals

Transforming our world's natural resources: A step change for the United Nations Framework Classification for Resources?

Prepared by the Sustainable Development Goals Delivery Working Group of the Expert Group on Resource Classification

Summary

The transformative 2030 Agenda for Sustainable Development has inaugurated a new era in global development. This era is marked by a new narrative, substituting the previous orthodoxy, expressed in business process language, of pursuing "economic, social and environmental" gains in equal measure, with a commitment to meeting the needs of two key beneficiaries "people" and "planet" through the common goal of sustainable "prosperity" for all. As a first transformative step, the United Nations Framework Classification for Resources (UNFC) in its current form has incorporated guidelines for applying social and environmental considerations to resource classification and management (ECE/ENERGY/GE.3/2018/3). These guidelines provide the critical social and environmental basis for classification of resources in a manner that allows environmental, social and economic aspects to be in equilibrium. A second such step is proposed in this document, redefining UNFC's core purpose and underlying principles and assumptions according to the Sustainable Development Goals (SDGs).

Assimilate UNFC into a resource management and progression pathway

Tool categories:

- **Resource centred** (life-cycle resource management, primary & secondary resources, circular economy, zero waste...)
- **Customer and service centred** (energy as service, the right to produce and sell energy and/or form local energy communities, inclusive artisanal resource management...)
- **Security centred** (maintaining security of supply for food, energy, water, critical materials...)
- **Value centred** (ending poverty, new economic resources, equitable distribution of benefits, governance, transparency...)
- **Communications centred** (terminology, definitions, key participants/stakeholders)

UNFC & SDGs Delivery – Core Tasks

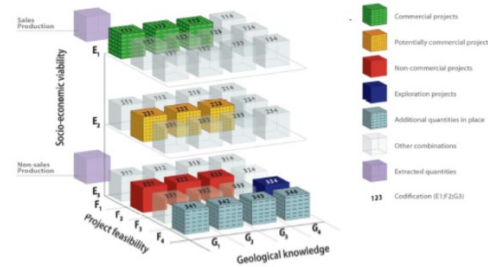
Bridge UNFC to the SDGs... then set UNFC as resource progression tool:

1. Develop the **curriculum** to apply revised UNFC to the **competent, responsible** management (integrated-indivisible-balanced) of natural resources
2. **Develop a transformative communications strategy** and associated communications resources, instruments and procedures, grounded in agreed terminology and definitions
3. Shape the resource management **policy** objectives to meeting the key **outcomes** (zero waste, comprehensive recovery)
4. Develop the **technologies/ integrated materials flows** to deliver the industrial **eco-system**
5. **Study and define the attributes of prosperity-generating projects that successfully reinvent themselves by aligning themselves to the SDGs.**

UNFC and SDGs Delivery

Pathfinding the sustainable point of equilibrium between needs and available natural resources

Needs:
 Secure
 Accessible
 Affordable
 Safe



Natural Resources/ UNFC:
 Classification
 Management
 Competences
 Communications

Integrated Indivisible Balanced



Thank you

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