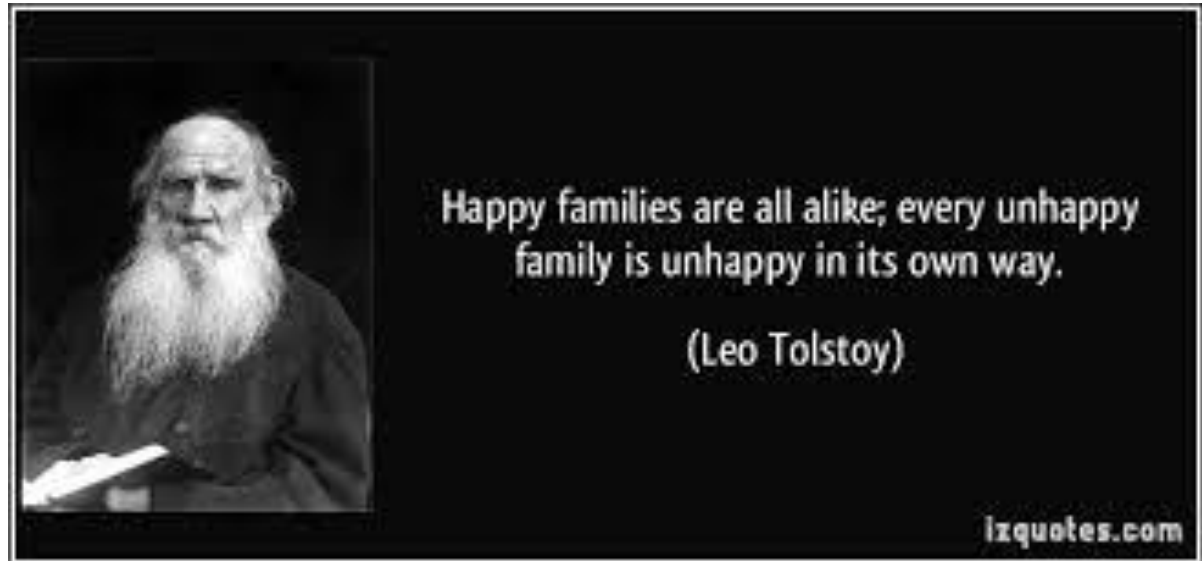




# United Nations Framework Classification for Resources

Development, Stakeholders, SDGs

The Anna Karenina principle





- **UN Economic Commission for Europe**
  - UN was formed in 1945
  - UNECE was one of the first UN bodies to be set up in 1947
- **The reconstruction of a war ravaged Europe**
  - Sought the rebuilding of Europe through provisioning of coal based energy
  - Later, a forum for dialogue during the Cold War era
  - Models and approaches developed by UNECE become global standards
- **What it does now**
  - Sustainable resource management; Sustainable transport and Sustainable cities.



# What are the issues?



UNEP

## • Revenue Volatility

- Swings in revenue can confound companies and States' best efforts to balance budgets.

## • The “Dutch disease”

- The apparent causal relationship between the increase in the economic development of a specific sector (for example natural resources) and a decline in other sectors (like the manufacturing sector or agriculture).

## • Resource depletion/exhaustion

- Lack of attention to exploration and discovery of new resources will deplete the resources

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www.glasbergen.com



**“Yes, our investments are diversified:  
20% out the window, 65% down the drain,  
and 15% gone with the wind.”**



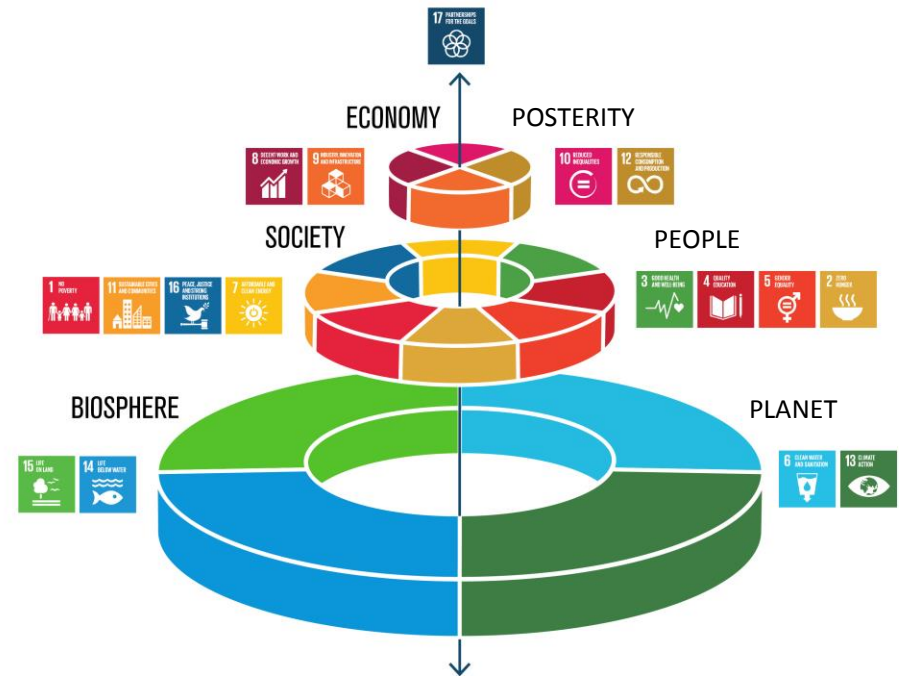
# ANTHROPOCENE

# The Big Story



UNEP

United Nations Framework Classification for Resources (UNFC) is the system to ensure sustainable management and responsible production and consumption of all natural resources.



Graphics by Jenifer Lukersmith/Alamy

# UNFC and ECOSOC

A call for global application



UNECE

The Economic and Social Council (ECOSOC) is at the heart of the United Nations system to advance the three dimensions of sustainable development – economic, social and environmental.

## ECOSOC Decision 2004/233

Member States of the United Nations, international organizations and regional commissions to consider taking appropriate measures for ensuring worldwide application of the Framework Classification.

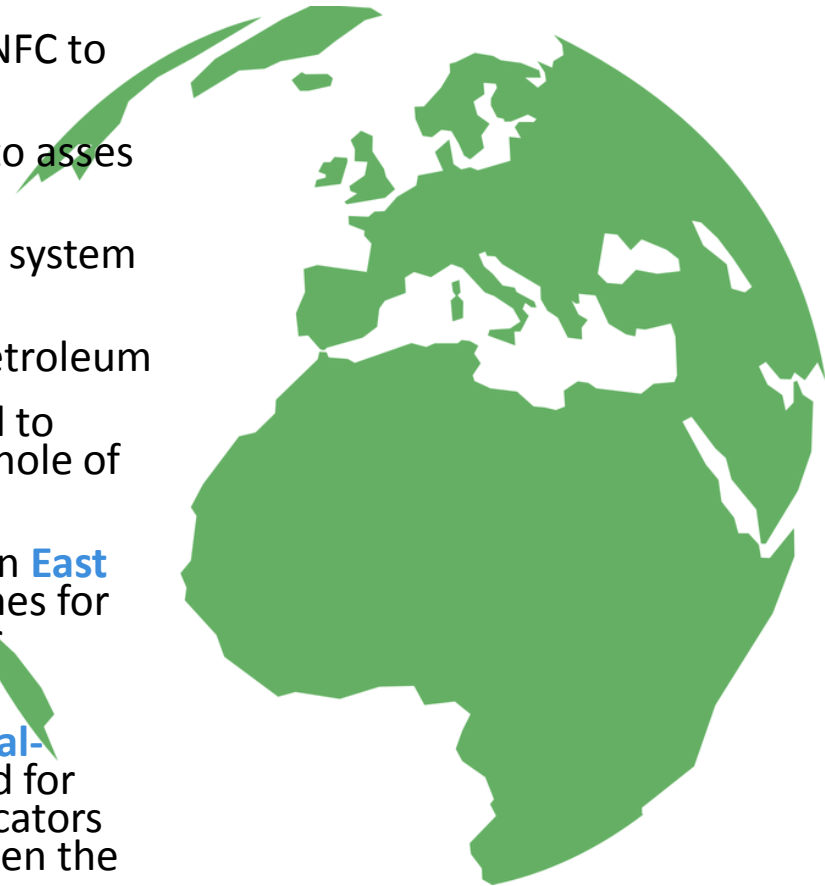
# UNFC Adoption

## Increasing global use of UNFC



UNECE

- The Nordic countries (**Norway, Sweden and Finland**) have developed standard sub-regional guidelines for applying UNFC to the minerals sector
- **“UNFC for Europe” – European Commission** led initiative to assess the use of UNFC in Europe.
- **Russian Federation** has bridged its oil and gas classification system to UNFC
- **China** has finalized bridging documents for minerals and petroleum
- **“UNFC for Africa” - African Union Commission** has decided to adopt UNFC as the sustainable management tool for the whole of Africa
- The Coordinating Committee for Geoscience Programmes in **East and Southeast Asia** (CCOP) has decided to develop guidelines for adoption of UNFC as the unifying framework in 14 member countries.
- UNFC is part of the United Nations **System of Environmental-Economic Accounting (SEEA)**, a system now widely adopted for organizing national data for the derivation of coherent indicators and descriptive statistics to monitor the interactions between the economy and the environment.



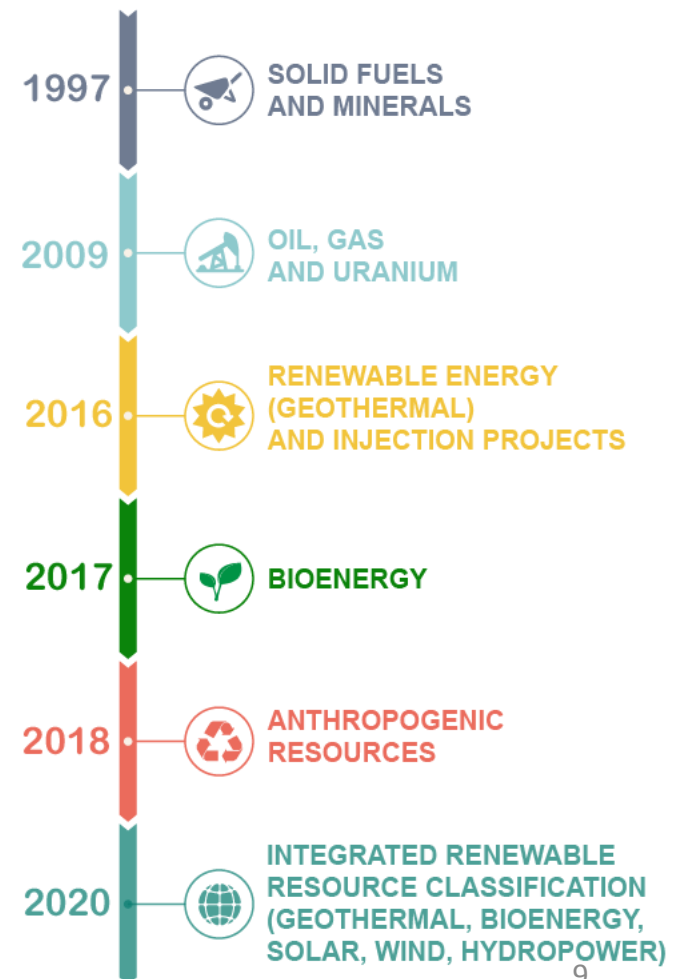


# Rewriting the paradigm of resource management



UNEP

- Alignment to Sustainable Development Goals – The only system that had 3Ps – People, Planet, Prosperity at its core
- Applicable to all resources – non-renewable and renewable
- High level of granularity for disaggregated data – useful for short- and long-term planning
- Considers the total volumes/quantities
- Useful for Governments, Companies and Financial Institutions

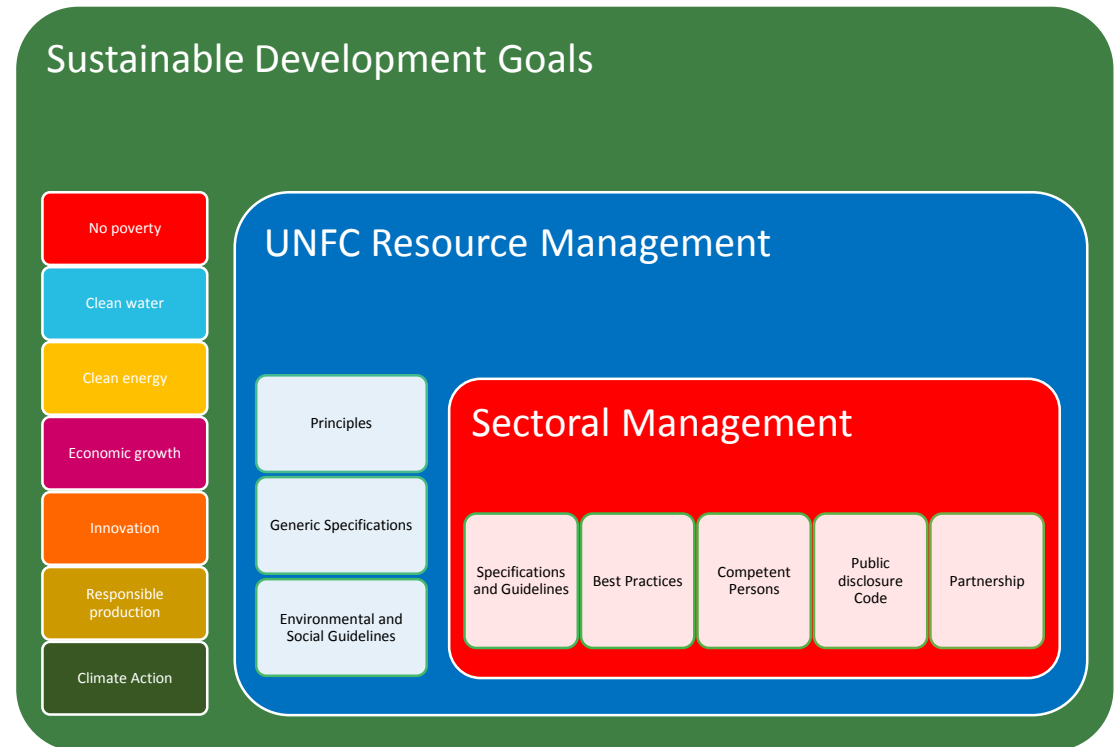


# UNFC approach



UNECE

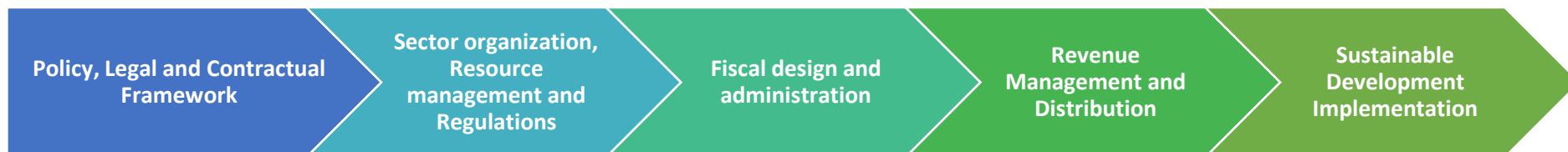
- Long-term policies for resilience
- Make resource projects competitive through innovation
- Zero-waste – Zero-harm



# Holistic resource management



UNECE

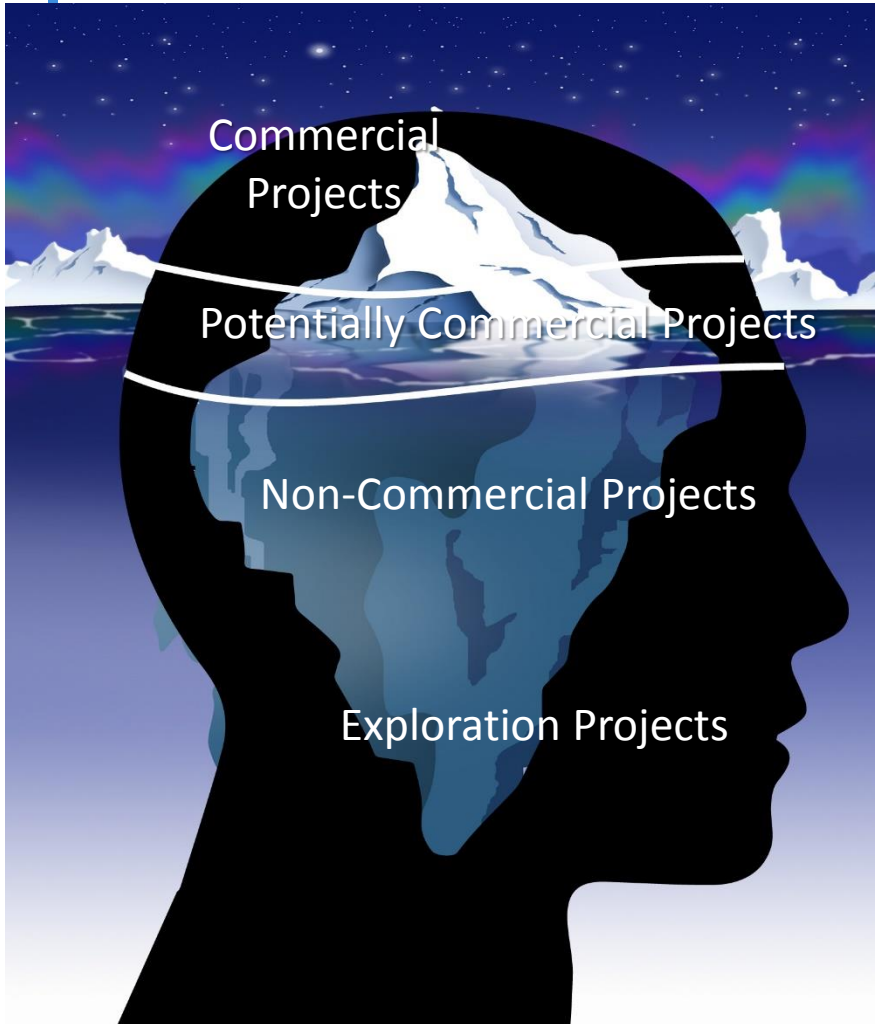


Urgent need to remove the fragmentation of industry life-cycles and bring in a resource management methodology that is agile and responsive to current needs.

# A New Resource Consciousness



UNECE



Top – down section of knowledge

Vision  
Policy  
Regulations

Be in sync with the top-down process

Compare results and options

Make realistic assumptions

Collect, check and use available data across E, F and G

Bottom – up flow of information

# Extractive Vs Inclusive



UNECE

Change the narrative to replace “exploitation” of resources with “inclusive development”.

# Recent publications



UNECE

**United Nations Framework Classification for Fossil Energy and Mineral Reserves and Resources 2009**  
*incorporating Specifications for its Application*

42  
UNECE Energy Series

UNITED NATIONS

UNECE

**Guidelines for Application of the United Nations Framework Classification for Resources (UNFC) to Uranium and Thorium Resources**

55  
UNECE Energy Series

UNITED NATIONS

UNECE

**Application of the United Nations Framework Classification for Resources (UNFC) to Geothermal Energy Resources**  
*Selected case studies*

51  
UNECE Energy Series

UNITED NATIONS

# More information



UNECE

<http://unece.org/energy/se/reserves.html>

Sustainable Energy

UNFC and Sustainable Resource Management

About UNFC and Sustainable Resource Management

Areas of Work

Applications

UNFC Documents

Case Studies and Application Examples

Governance

Public consultations

MOUs

FAQs

Meetings and Events

Publications

Media

Contact us

## UNFC and Sustainable Resource Management

**United Nations Framework Classification for Resources (UNFC)** - a universally acceptable and internationally applicable scheme for the sustainable management of all energy and mineral resources.



INTRO



UNFC



EGRC



MEDIA



23-27 April 2018

**Resource Management Week 2018**  
**UNFC FOR SUSTAINABLE DEVELOPMENT**  
9<sup>th</sup> Session of the Expert Group on Resource Classification



Applications



UNFC Documents



Case studies



Governance



Public consultations



MOUs



Learning



FAQs



**Thank you!**

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Economic Affairs Officer

**UNECE**

Date 19 | 06 | 2018, Mexico City



**UNECE**

