



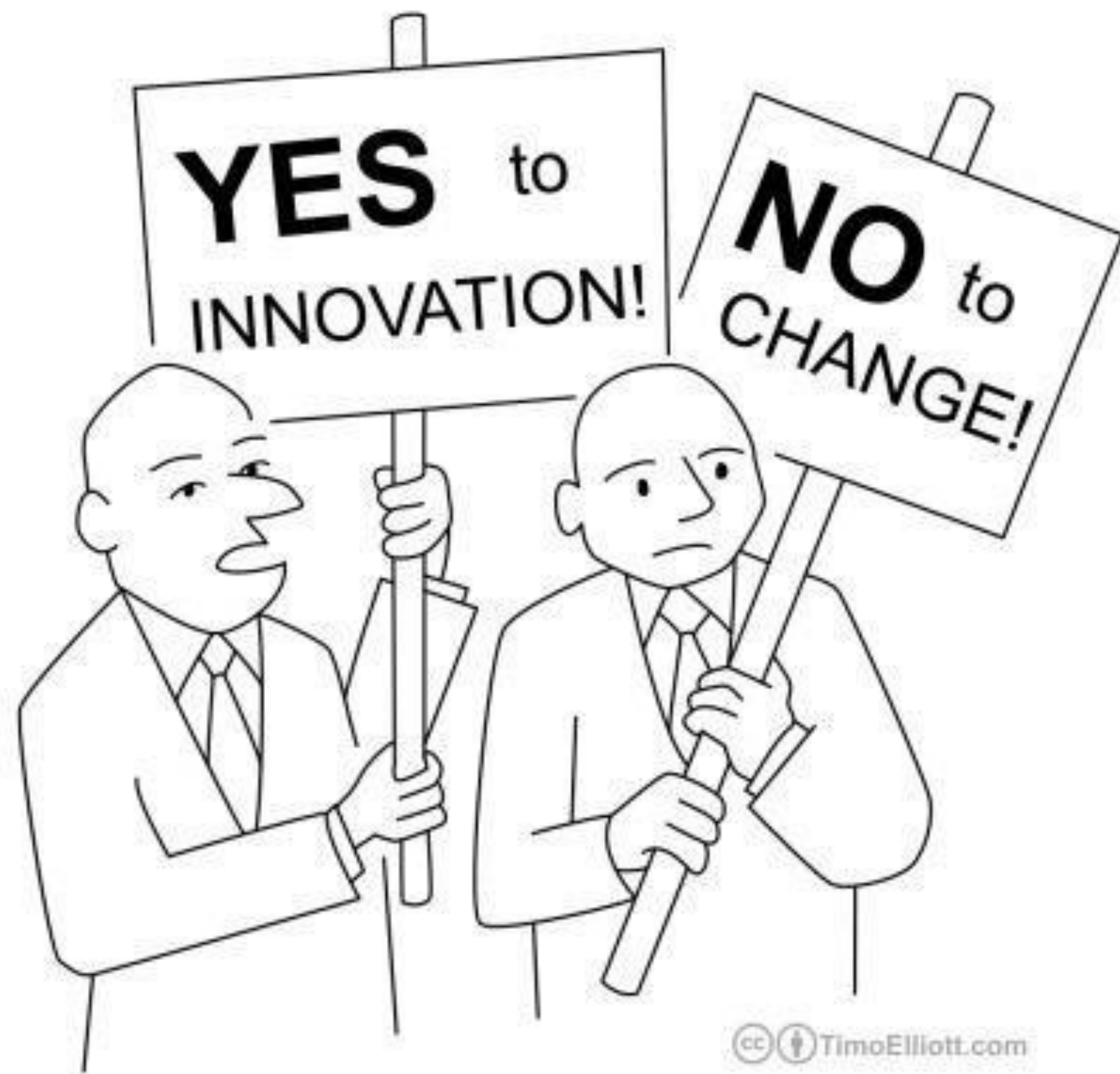
Breakout Session 7:

Regulation beyond NDR

Regulation beyond NDR

We will discuss:

- **Compliance & Reporting: HSSE, ICV, Reserves, Production, Operations**
- **Data-as-an Asset, Market Place, stimulating business and innovation**
- **Social Inclusion, Community, Regulation enablement & public support**
- **All towards Maximizing Economic Return of Subsurface Assets**
- **Time/interest permitting: the United Nations Classification Framework-
*A single framework for classification and management of all resources***



*“We only have two demands!
Why don't people just give us what we want?”*

Aging Assets &
Workforce

Public's Demand
for Transparency

Access to
Capital

Oil & Gas Industry Challenges

Highly Volatile:
Expand-and-
Contract

Environmental
Issues

Increasing Finding
& Lifting Costs

Regulator Goals

Maximizing
the Sovereign
Benefit

Minimizing the
Cost
to Society

Fulfillment Means

Inclusive
Business
Model

Data &
Information
is a
Sovereign
Wealth



Typical Regulatory Challenges



Lack of clear mandate

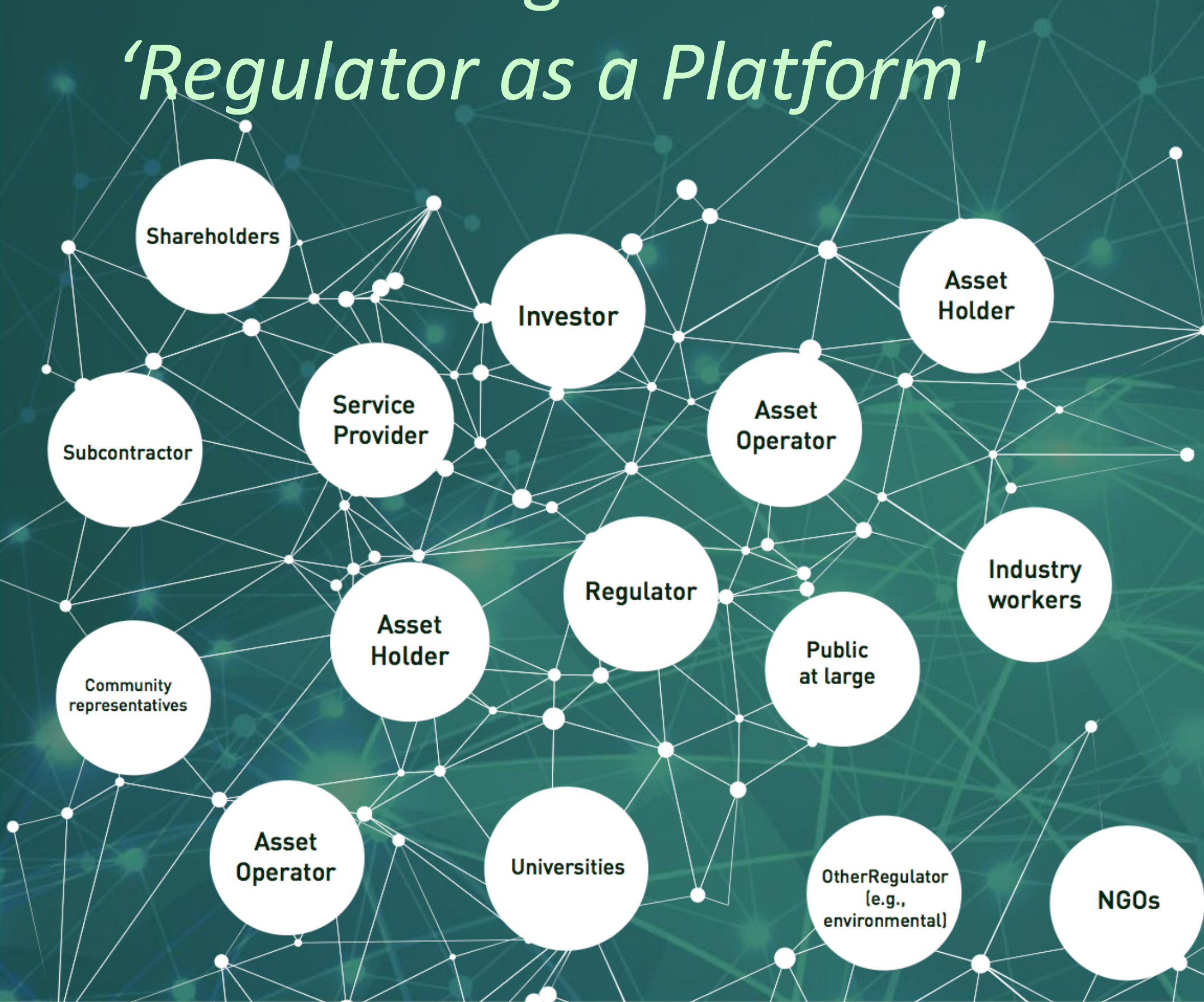


Lack of clear adequate and sustainable funding



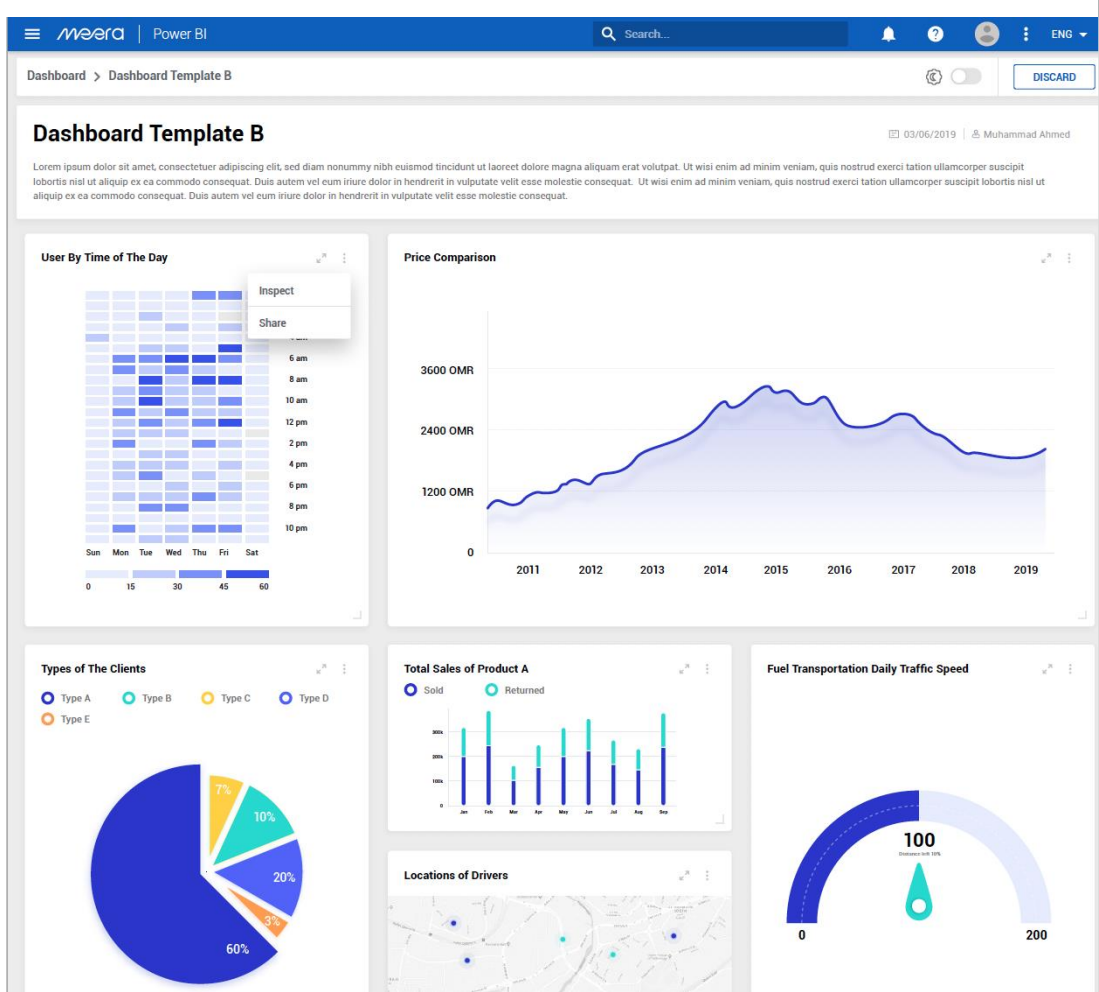
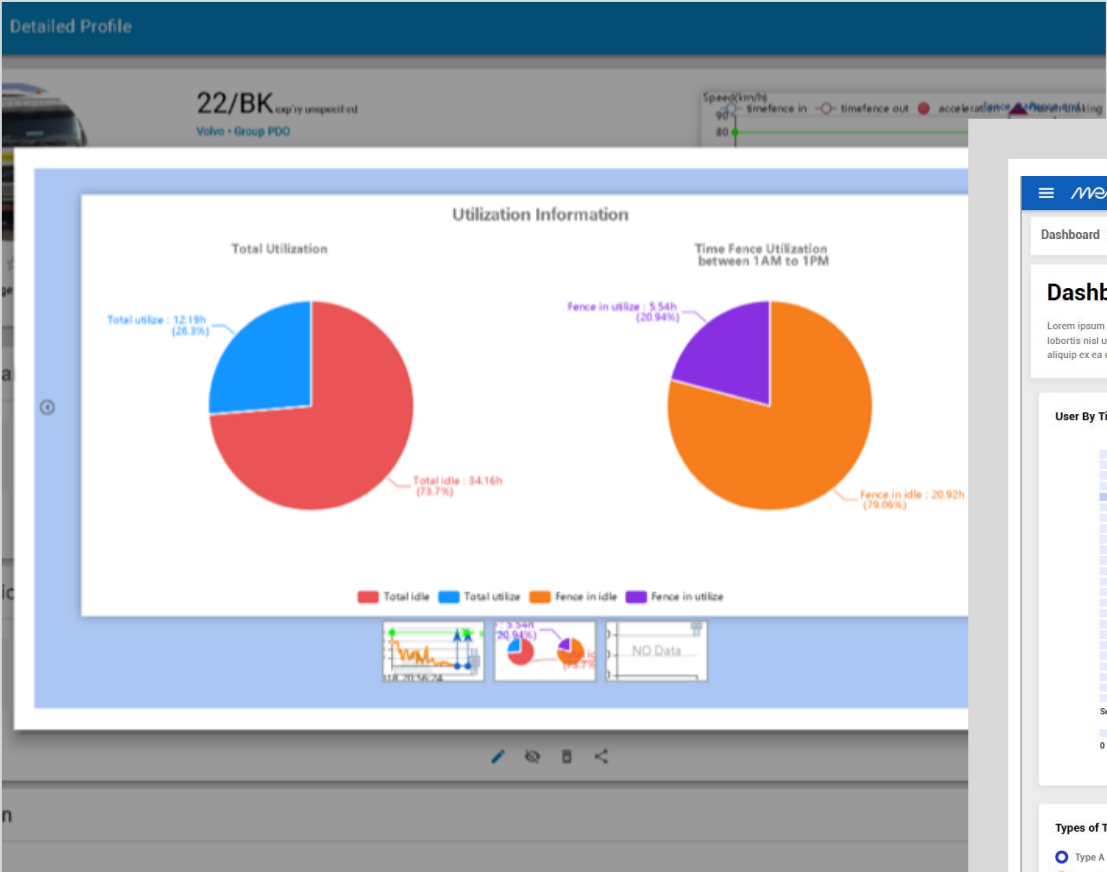
Lack of effective information flow among different stakeholders

Expected Benefits Of Effective Regulation or *'Regulator as a Platform'*



Compliance & Reporting

Enforcement



meera | Pulse

Regulation & Reporting

Library of best practices (0) Reporting Requirements (2) Guidelines (3) Regulatory Articles (1)

Search Files

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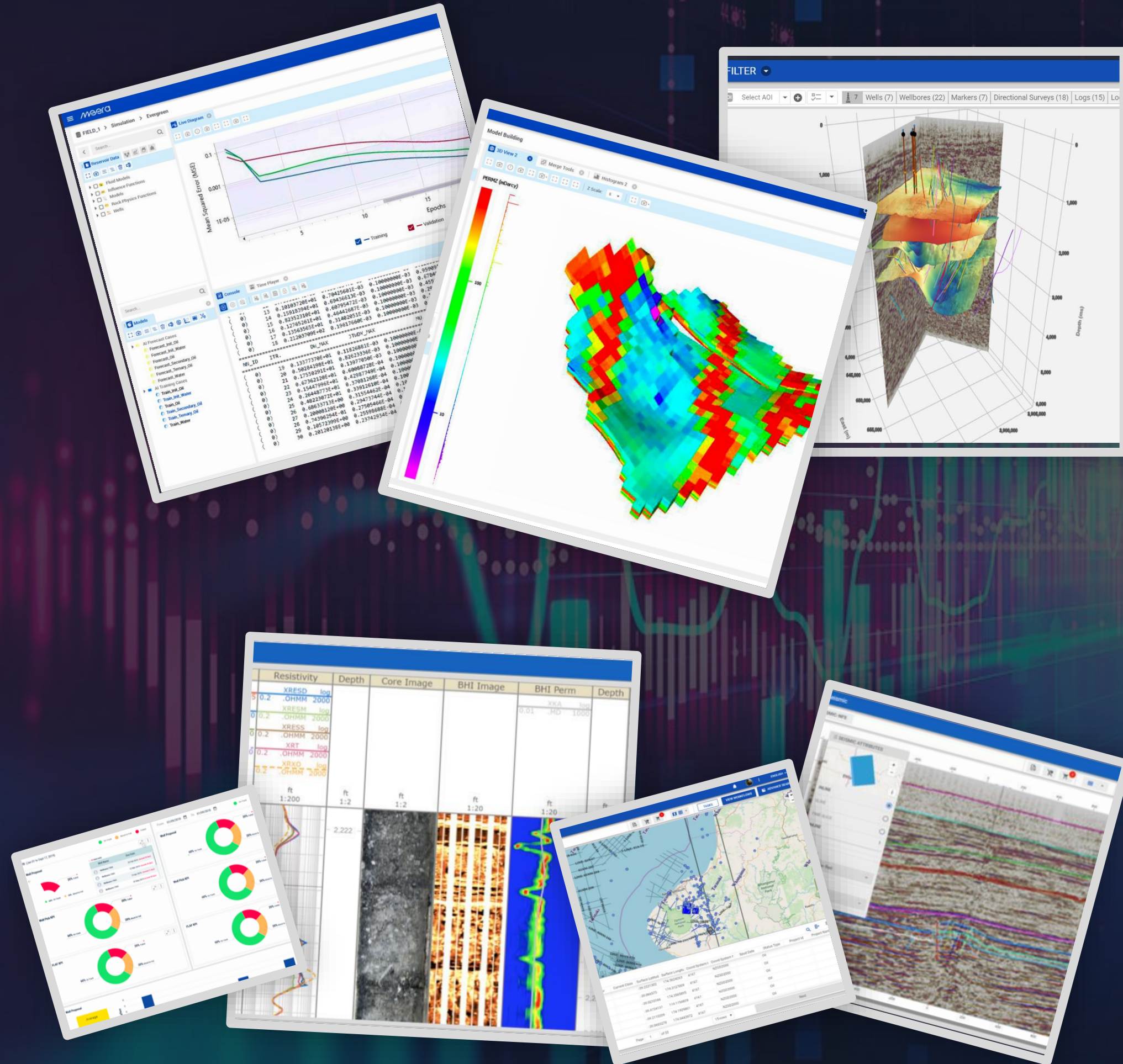
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MOG-S
MOG-S03-HSSE
MOG-S04-WELLS & DRILLING
MOG-S05-RESERVES
MOG-S06-RESOURCE MATURATION
MOG-S07-SURFACE INFRASTRUCTURE
MOG-S08-BUDGETARY & FINANCIAL
MOG-S09-CONTRACTING & PROCESSING
MOG-S10-DATA MANAGEMENT

Regulations

Reporting

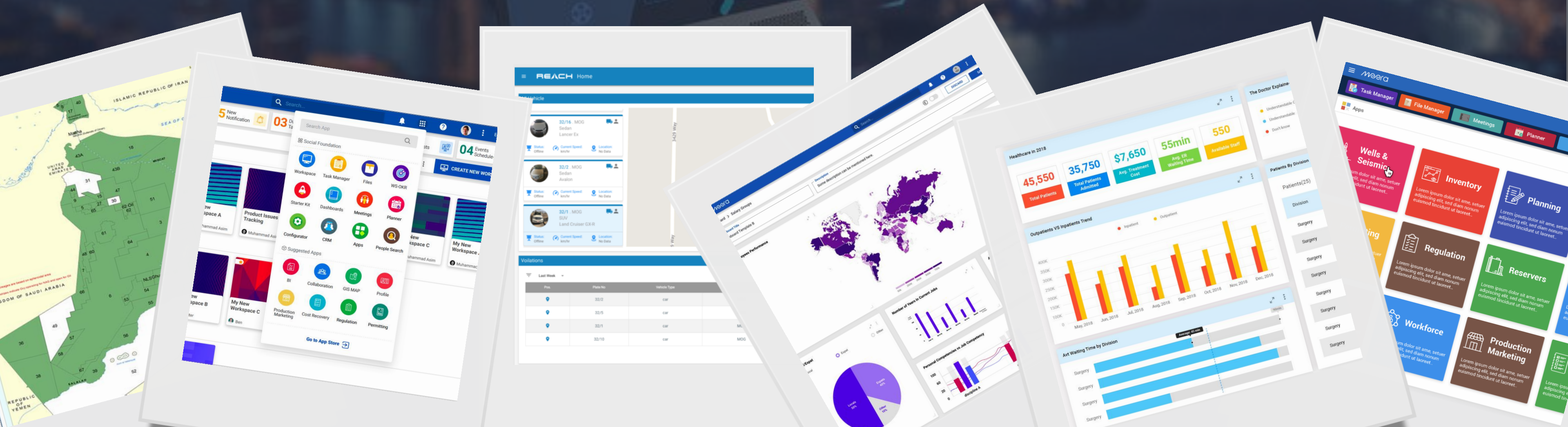
Data as National Assets

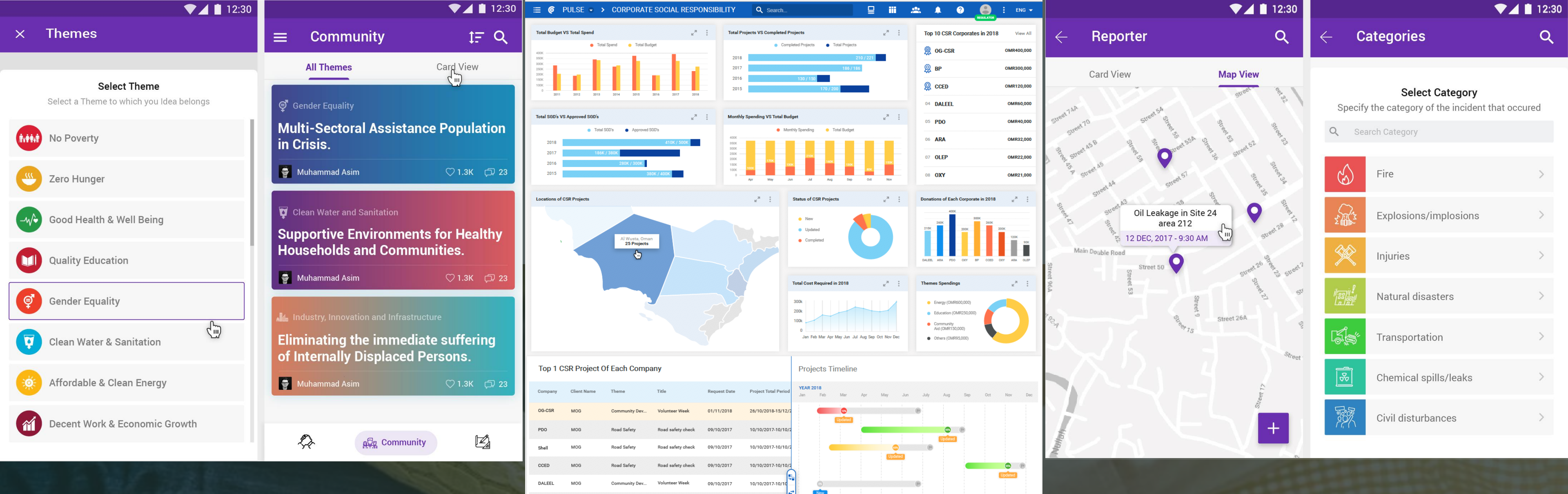
Seismic & Wells,
Geospatial
Reserves, Production, Resources
Petro-Economics
1D/2D/3D/4D Co-Visualizers
Access for A.I./M.L.



Marketplace

Living Data Room, App Store, Logistics, Human Resources, Inventory

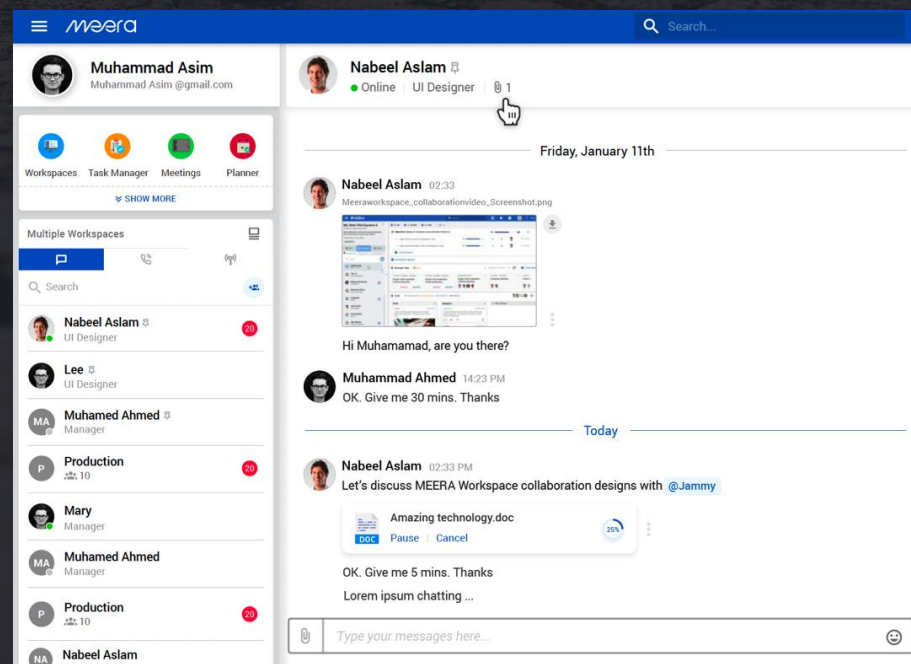




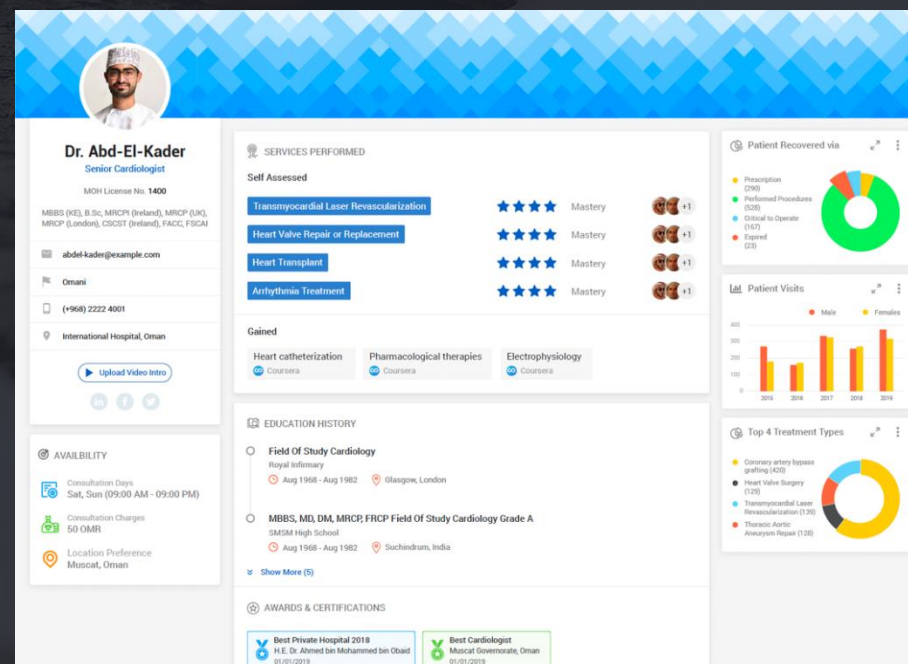
Social Inclusion

Corporate Social Responsibility, Incident Reporting,
Public Consultation, In-Country-Value

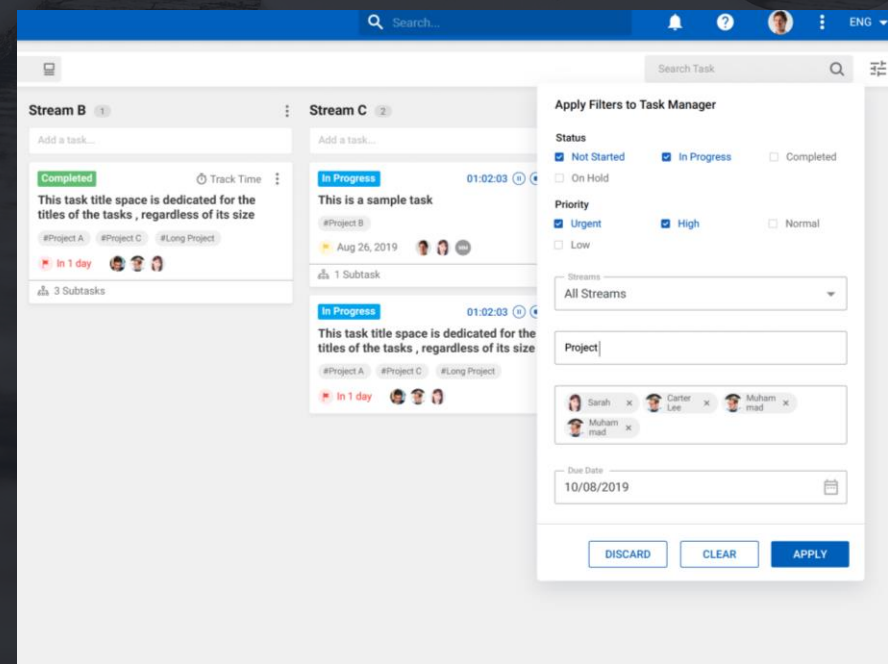
The Community Portal



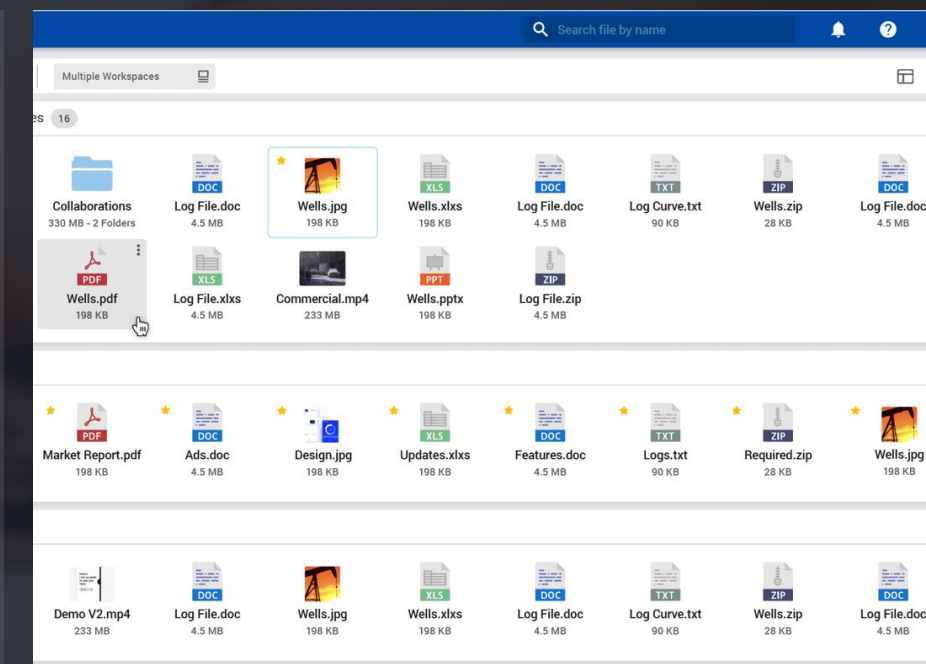
Collaboration



Dynamic Profiles



Task Management



Dynamic Data Exchange DDE

TIME/INTEREST PERMITTING

UNFC

Consistent classification and management of all resources



UNECE



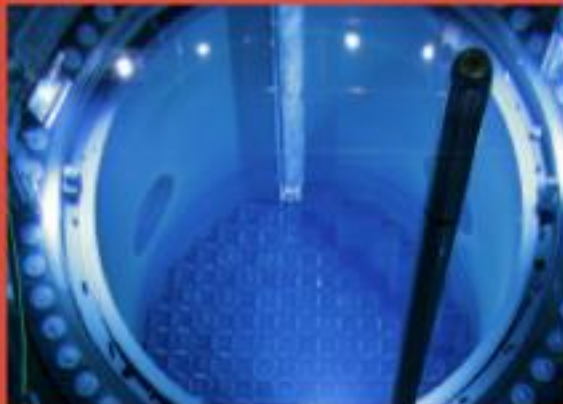
Minerals



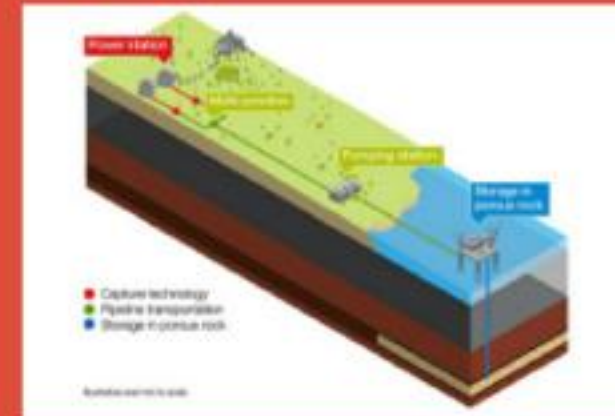
Petroleum



Renewables



Uranium



Injection



Anthropogenic

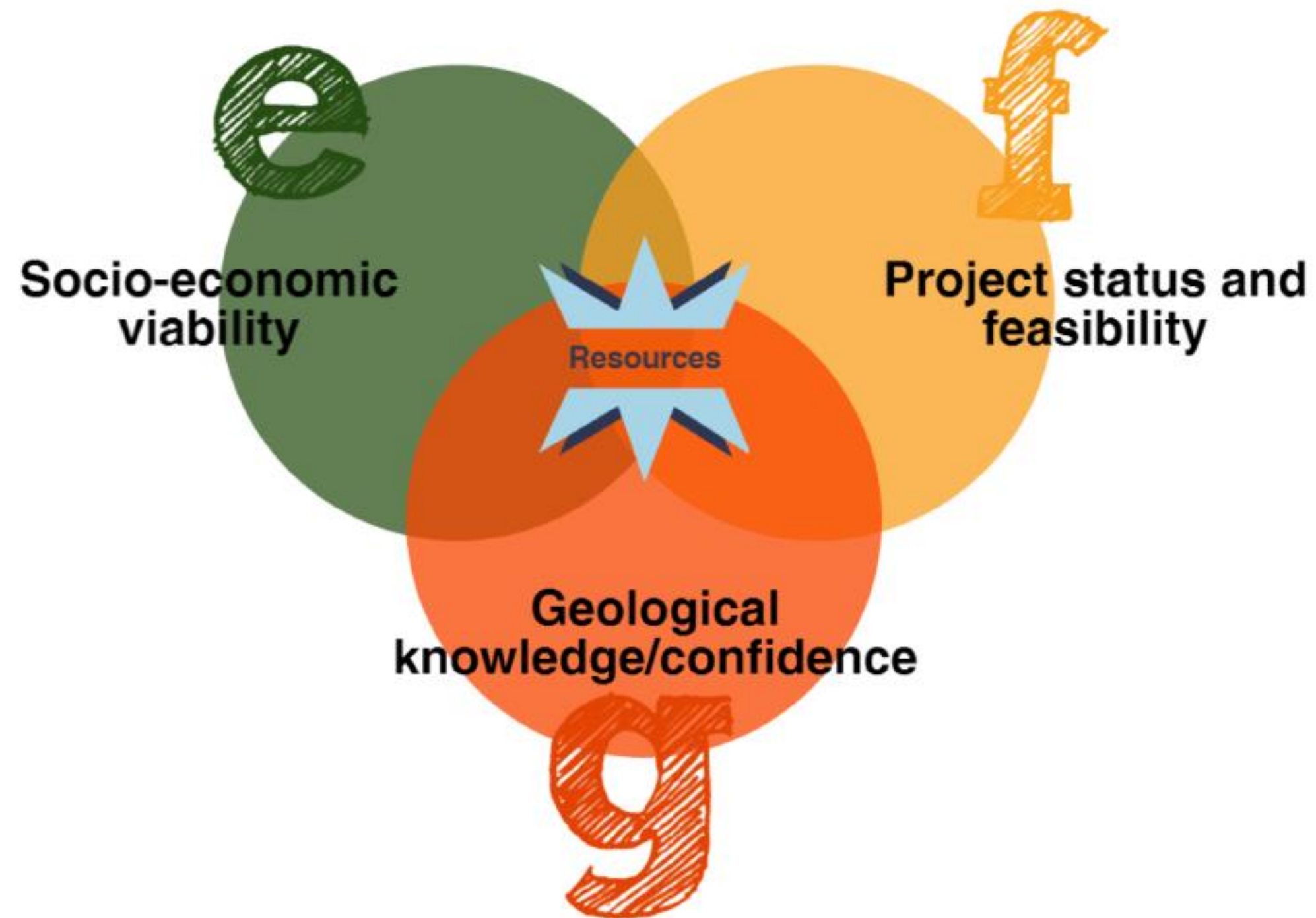


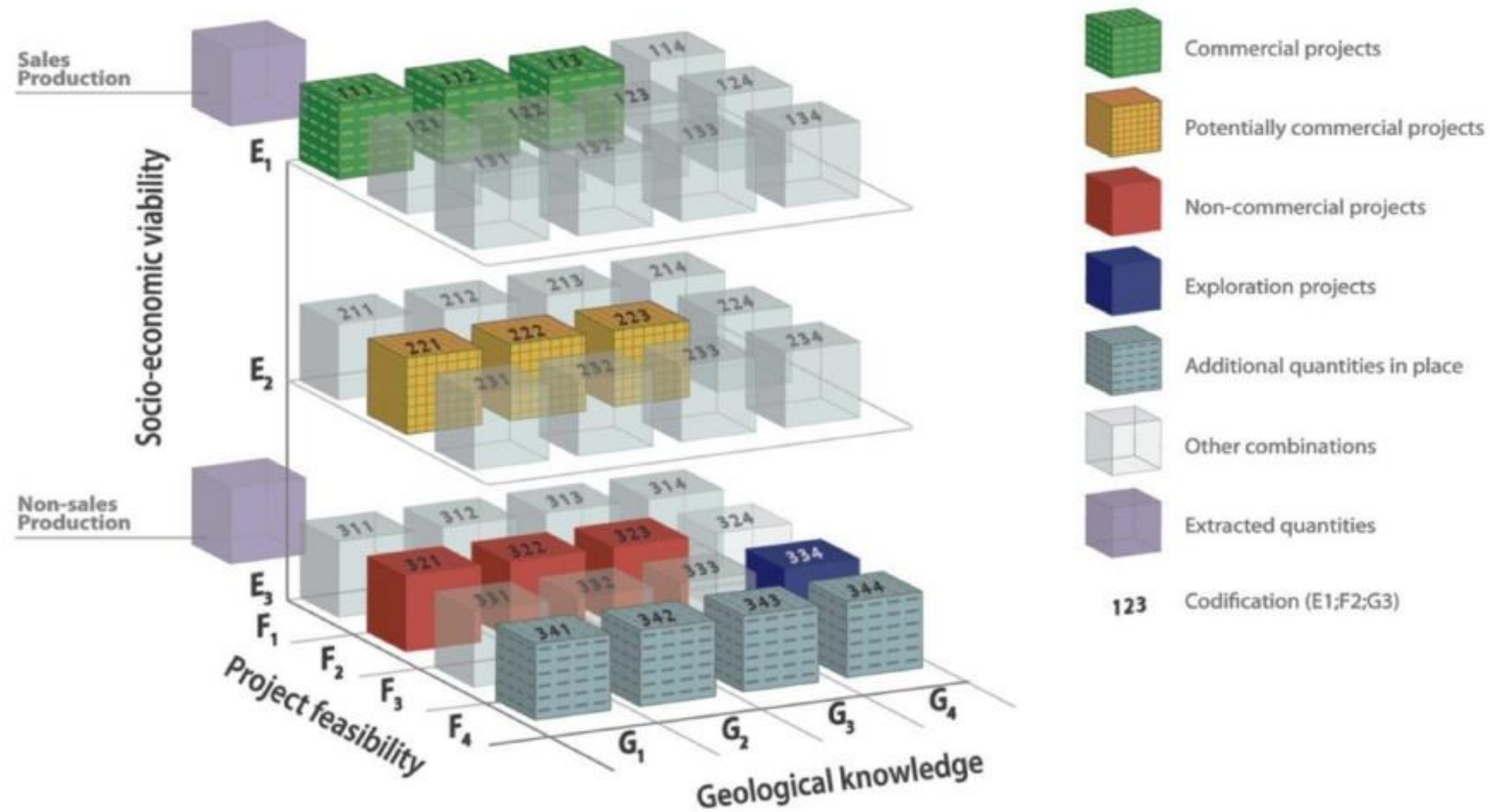
United Nations Framework Classification for Resources


Sustainable management of all resources

Defining resources with UNFC

The 3 Criteria







***The future is here ...
... it may not be equally distributed***



Regulation beyond NDR

Join Breakout 7 and

- Share your practices, challenges & learnings
- Collaborate, support, share ideas & shape the future
- Take-home next steps that help you

... towards effective regulation of industry beyond NDR

Regulation beyond NDR

Questions

Share your practices, challenges & learnings:

1. What works particularly well in your Regulator [beyond NDR]?
2. What personal problem would you like resolved?
3. Any learning you would like to share?

Collaborate, support, share ideas & shape the future:

1. What idea for regulation beyond NDR would make a difference?
2. What could vendors help with, what specific solution is missing?
3. What leading example from another regulator would you like to replicate and why?
4. *Would you like to know more about the UNFC of sustainable management of all resources?*

In closing - what take-home next steps will you take/pledge?

... towards effective regulation of industry beyond NDR



For additional information email:
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