A satellite night view of Earth showing city lights. The continents are visible as dark shapes against the black background of space, with numerous bright yellow and white points of light representing urban areas. The lights are most concentrated in North America, Europe, and East Asia.

Harmonization of energy resources terminology
and the role of
the UN Framework Classification
in improving efficiency worldwide

Sattelite imagery by NASA

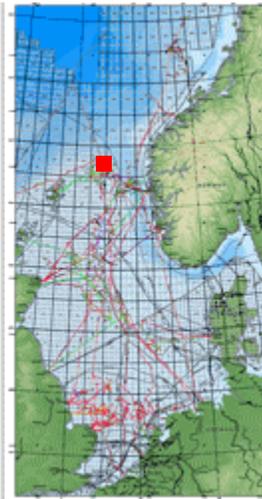
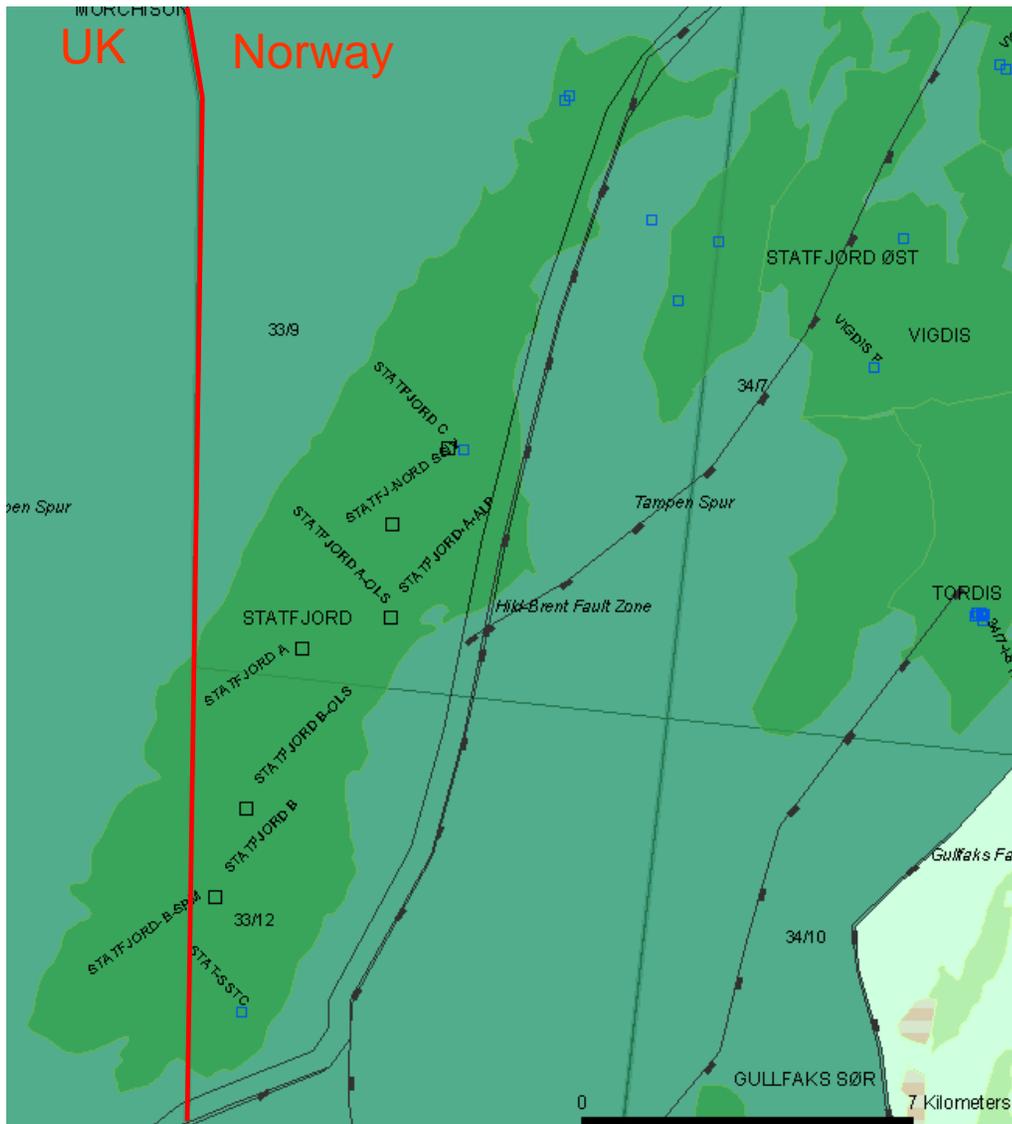
Irreversible energy processes require long sighted policies and practises to be sustainable

- **Consequences of irreversibility in investment and recovery processes are strong**
- **One global capital and energy market requires one strong global terminology to be efficient**
- **Many needs must be met for sustainability to be achieved:**
 - **Global energy studies and general energy policy formulation**
 - **Government resources management**
 - **Industry business process management**
 - **Financial reporting**

Panel members

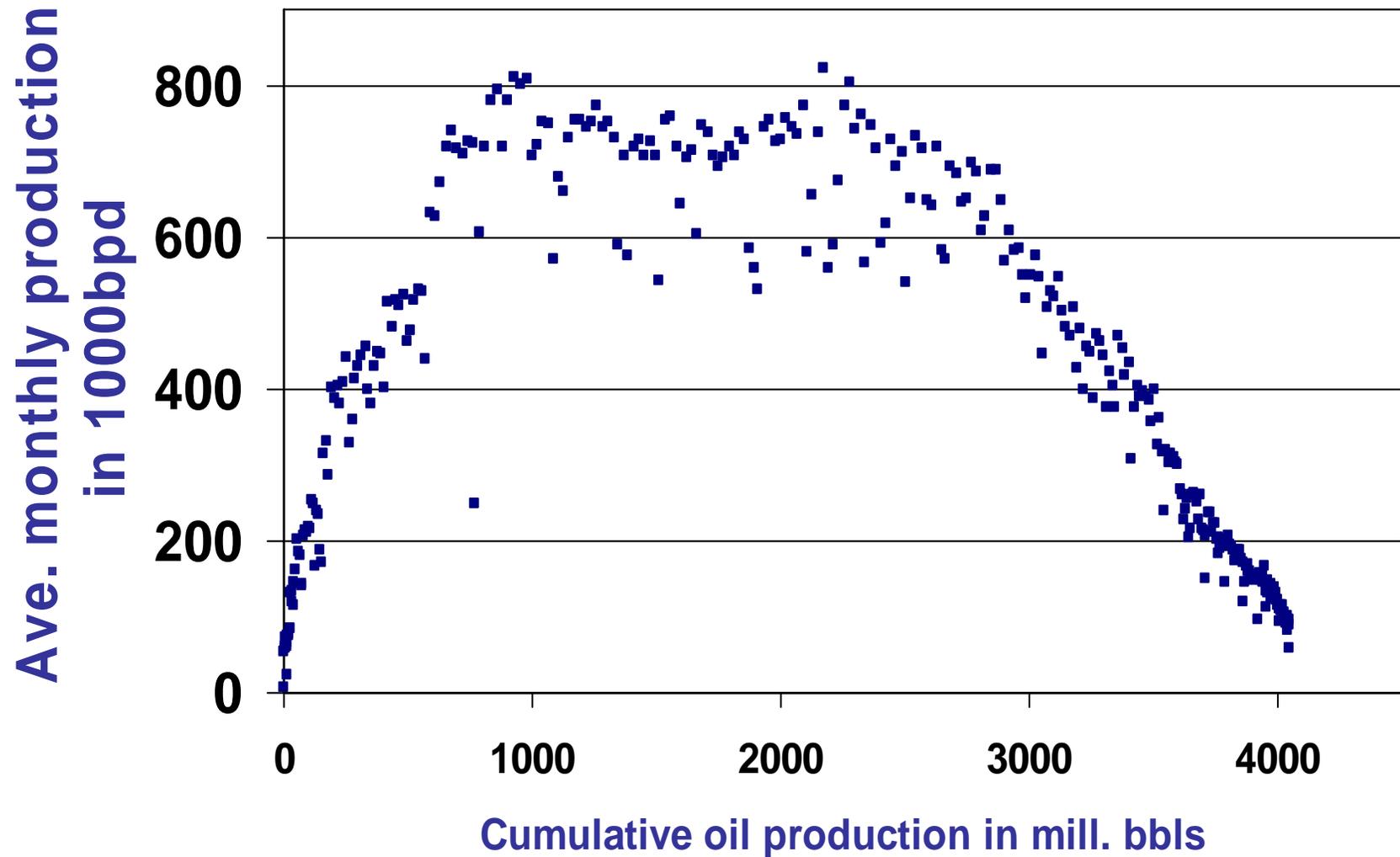
- **Clark Talkington**, UNECE Secretariat
- **Yuri Podturkin**, General Director, State Commission of Mineral Resources, Russian Federation
- **Alexander Gert**, Deputy Director General, Siberian Research Institute of Geology, Geophysics & Mineral Resources
- **Per Blystad**, Senior Geologist, Norwegian Petroleum Directorate
- **David G. MacDonald**, Segment Reserves Manager, BP Exploration Operating Co. Ltd.
- **Michael Lynch-Bell**, Partner-in-charge, Global Energy, Chemicals & Utilities Transaction Advisory Services Ernst & Young LLP
- **Sigurd Heiberg**, Chairperson, UNECE Group of Experts on Harmonization of Fossil Energy and Mineral resources terminology, Project manager, Statoil and Project director, PETRAD

Statfjord

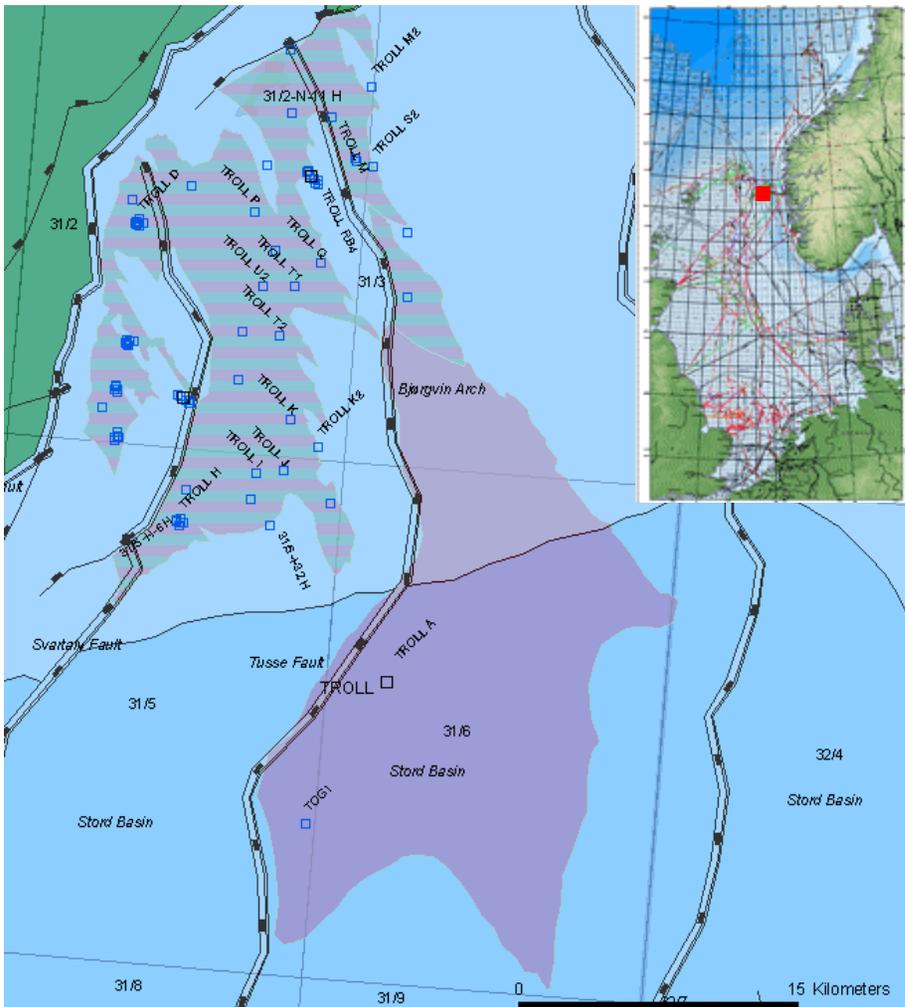


- Governments
 - UK
 - Norway
- Partners
 - BP
 - Centrica
 - Conoco
 - Exxon
 - Shell
 - Statoil
- Operators
 - Mobil
 - Statoil

Statfjord production performance

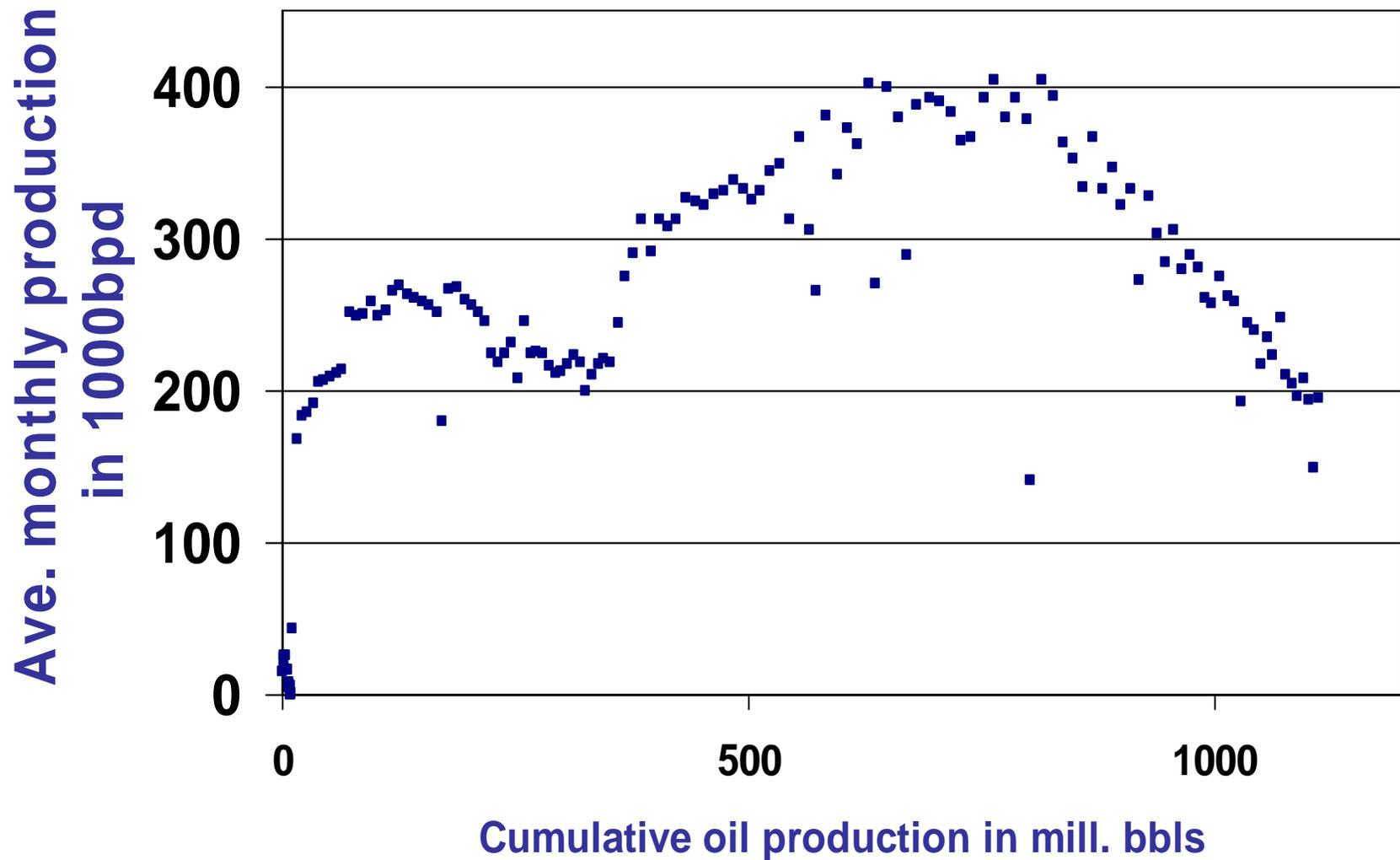


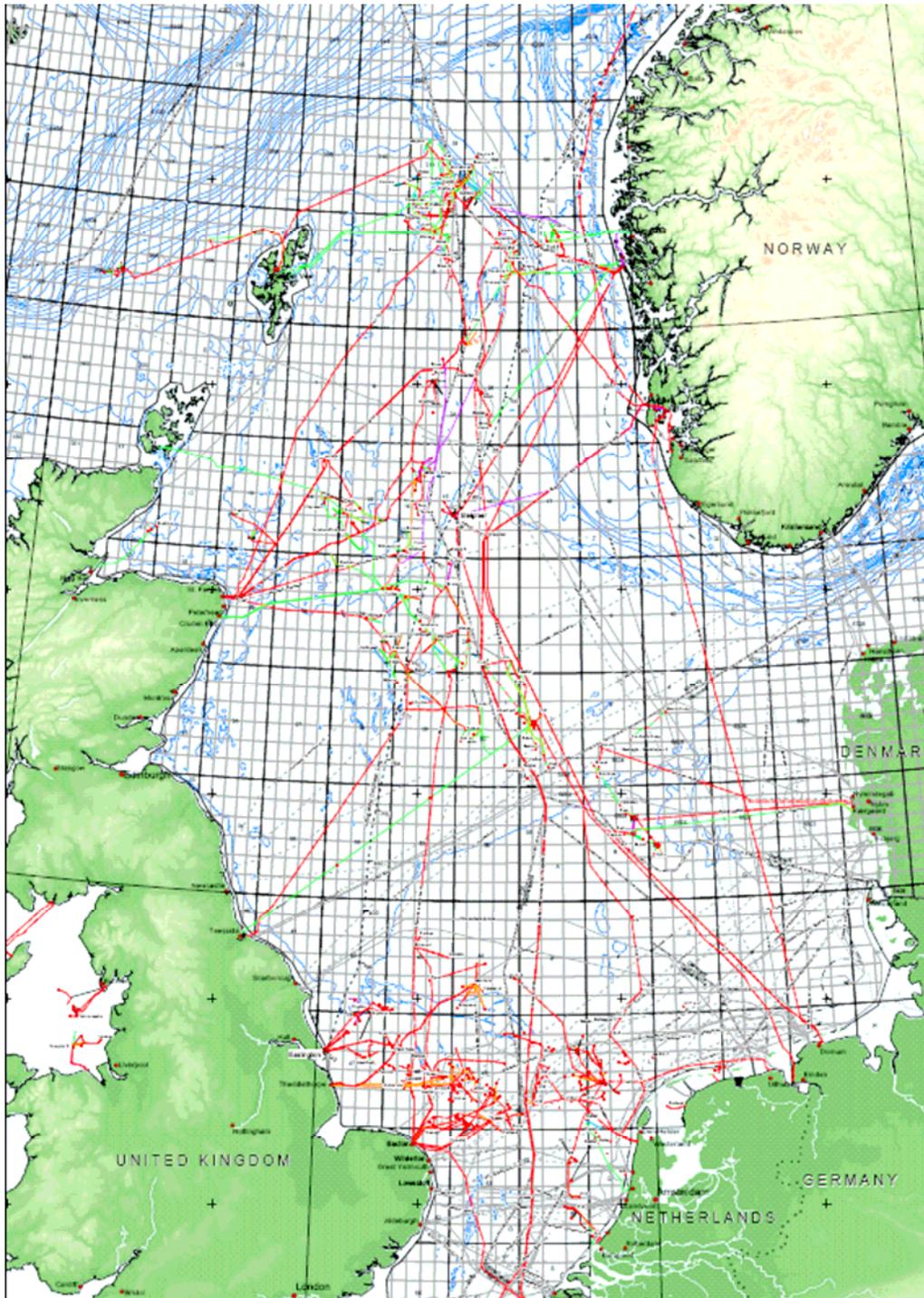
Troll



- **Government**
 - Norway
- **Partners**
 - Conoco
 - Norsk Hydro
 - Petoro
 - Shell
 - Statoil
 - Total
- **Operators**
 - Shell
 - Statoil
 - Norsk Hydro

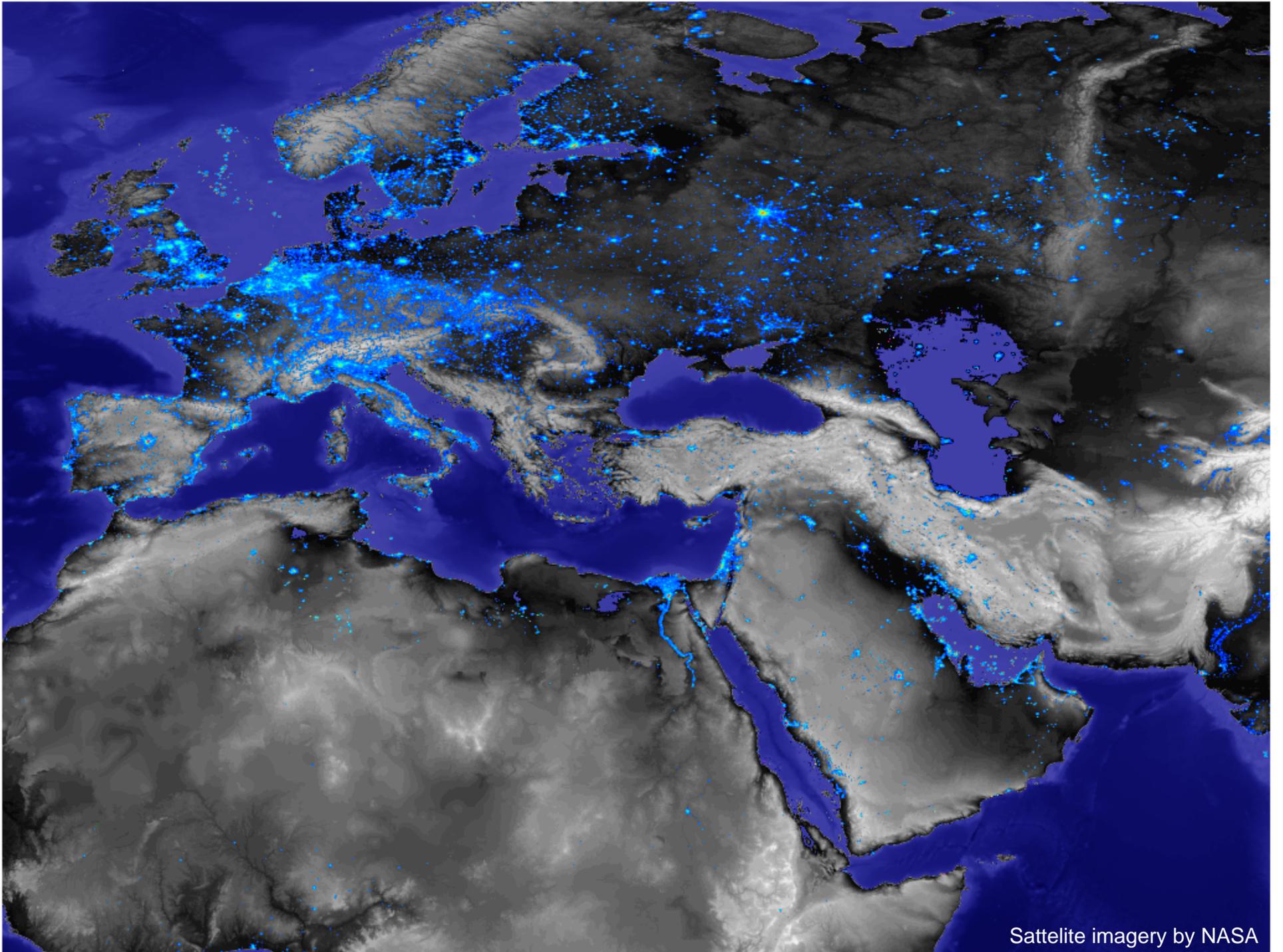
Troll oil production performance





Governments optimise

**Norway times gas
infrastructure to
facilitate improved oil
recovery and sales
without loss.**



Sattelite imagery by NASA

Sustainable petroleum production requires:

- **International cooperation for energy policies as we see today**
- **Efficient resource management by Governments**
- **Efficient business processes in industry**
- **Efficient global markets – in particular capital markets**

Global energy studies require:

- **Information of the full resource base, including undiscovered quantities**
- **Timely availability and cost of supplies (project status description)**
- **Potential for improved recovery through improved markets, administrative frameworks and technology – marginal and sub economic projects.**
- **Environmental and recoverability consequences of energy supply and use – resources lost, consumed or emitted in recovery and consumption processes**
- **Risks and opportunities arising from uncertainty associated with the estimates**

Full information on the UNFC: <http://www.unece.org/ie/se/reserves.html>

Next

- **Government resources management**
- **Industry's business process management**
- **Financial reporting**