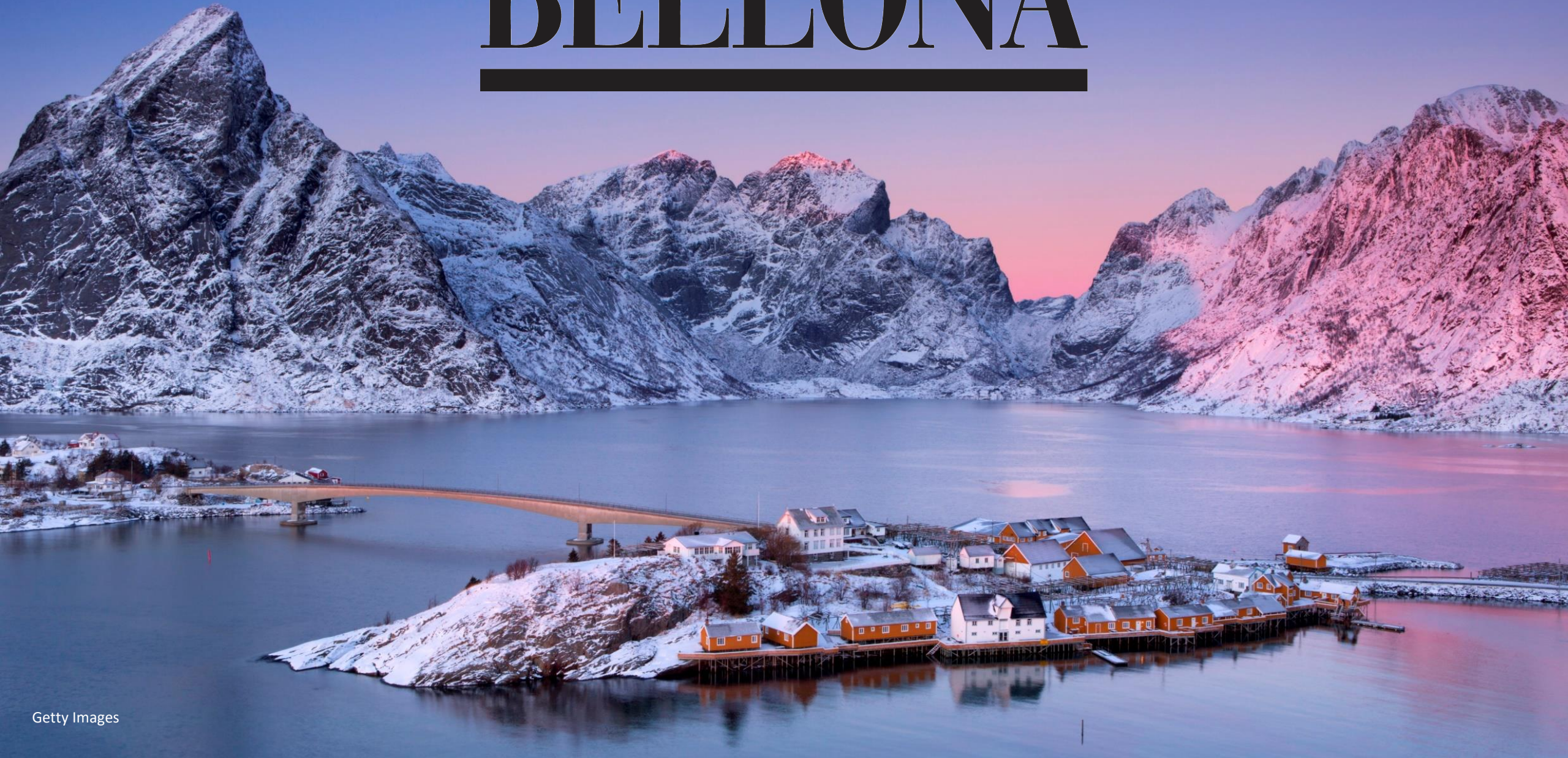
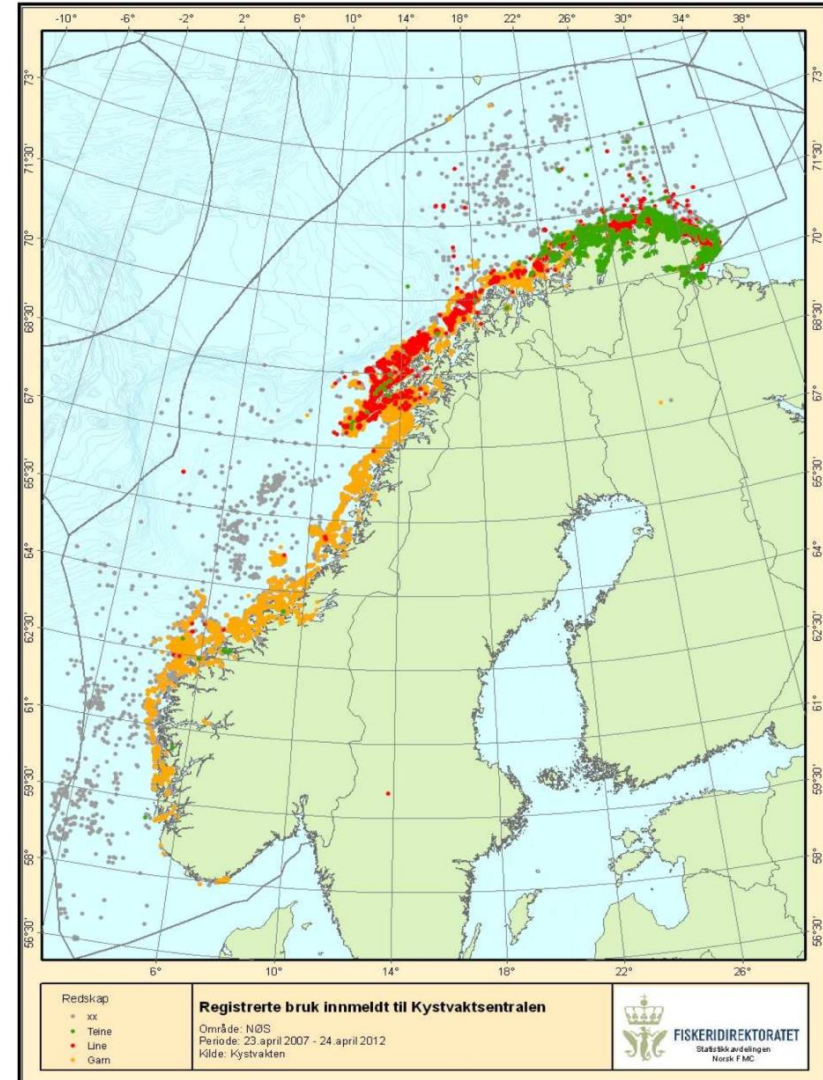

BELLONA

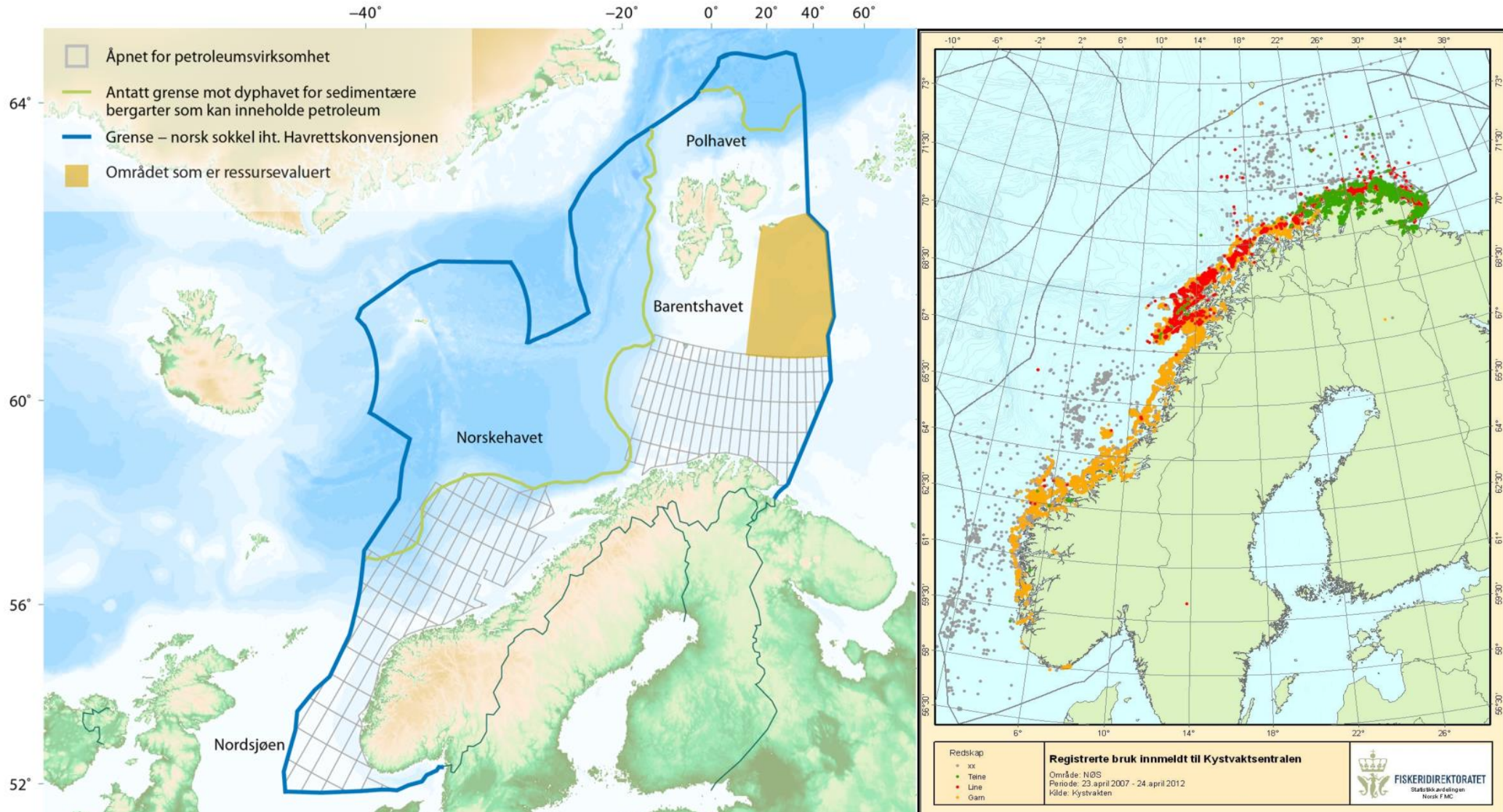


Economic development and environmental protection - striking the balance

- Petroleum production real and potential threat to other marine resources and industries



Economic development and environmental protection - striking the balance



Economic development and environmental protection - striking the balance (cont.)

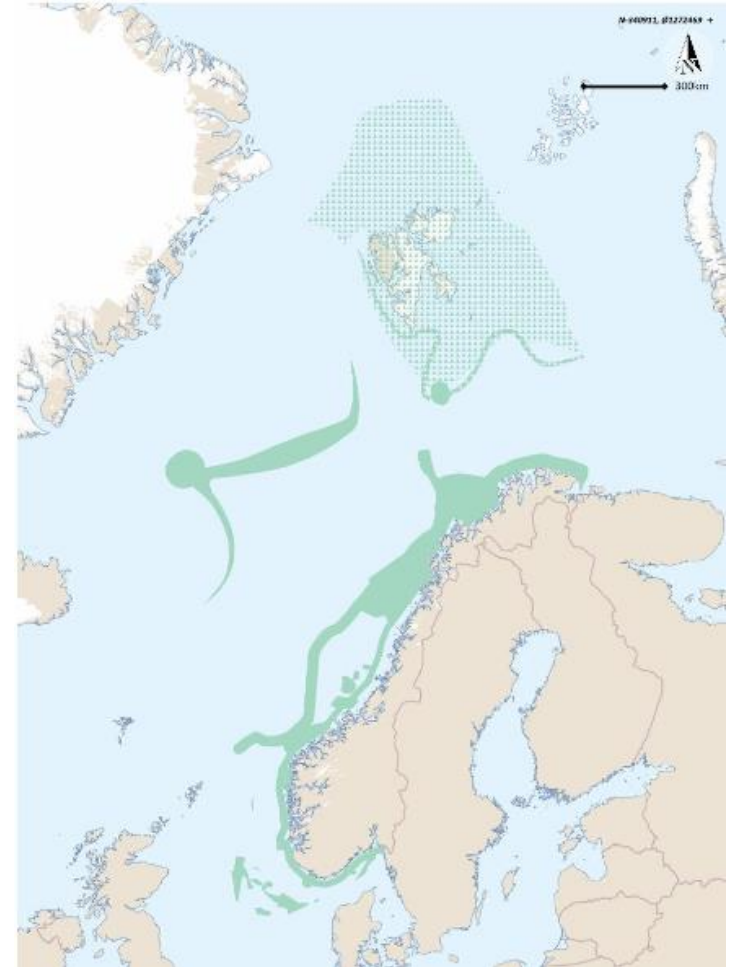
- Petroleum sector has 40 % share of total Norwegian exports
- High governmental interest
- Who sets the boundaries?



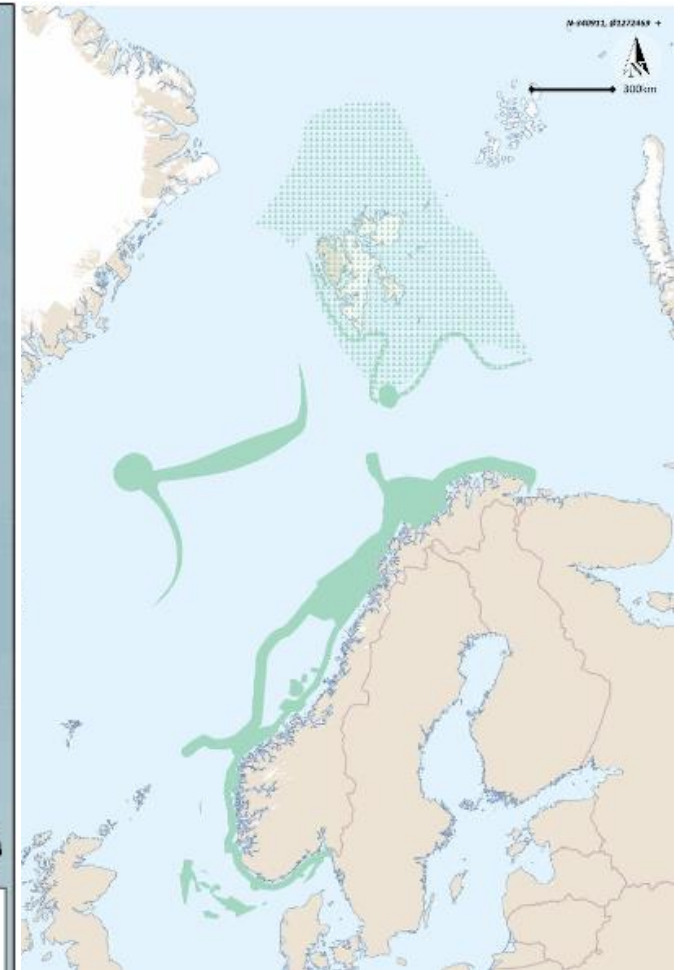
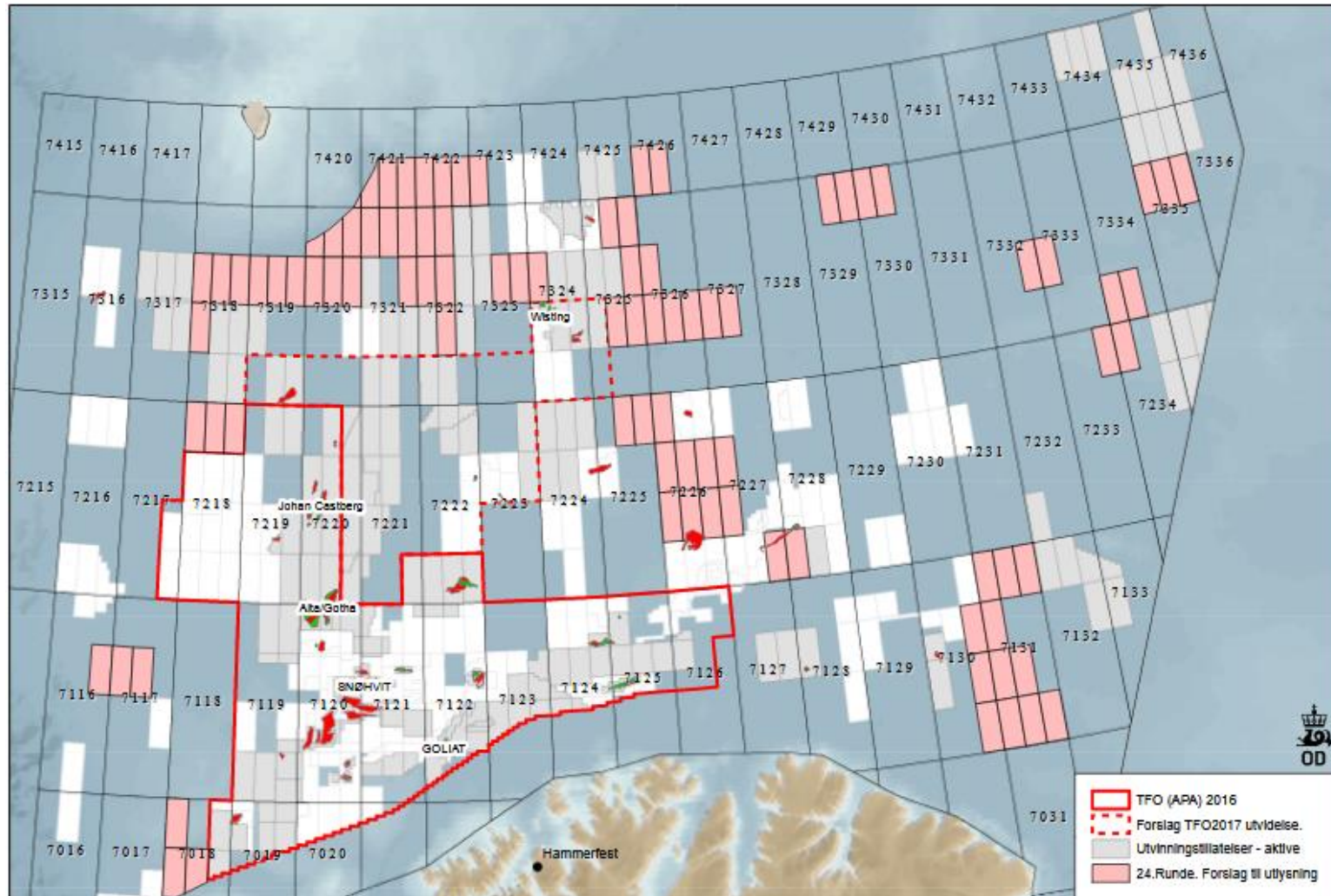
Norwegian Institute of Marine Research

Public participation

- The licensing rounds are subject to public hearings
- The marine agencies advise on specific blocks
- Our current government got 33 advices against award
- No advice was followed, 0 %
- Last government (2005-2013) refused 80 % of advices
- The Ministry request input only for «**new essential information**»



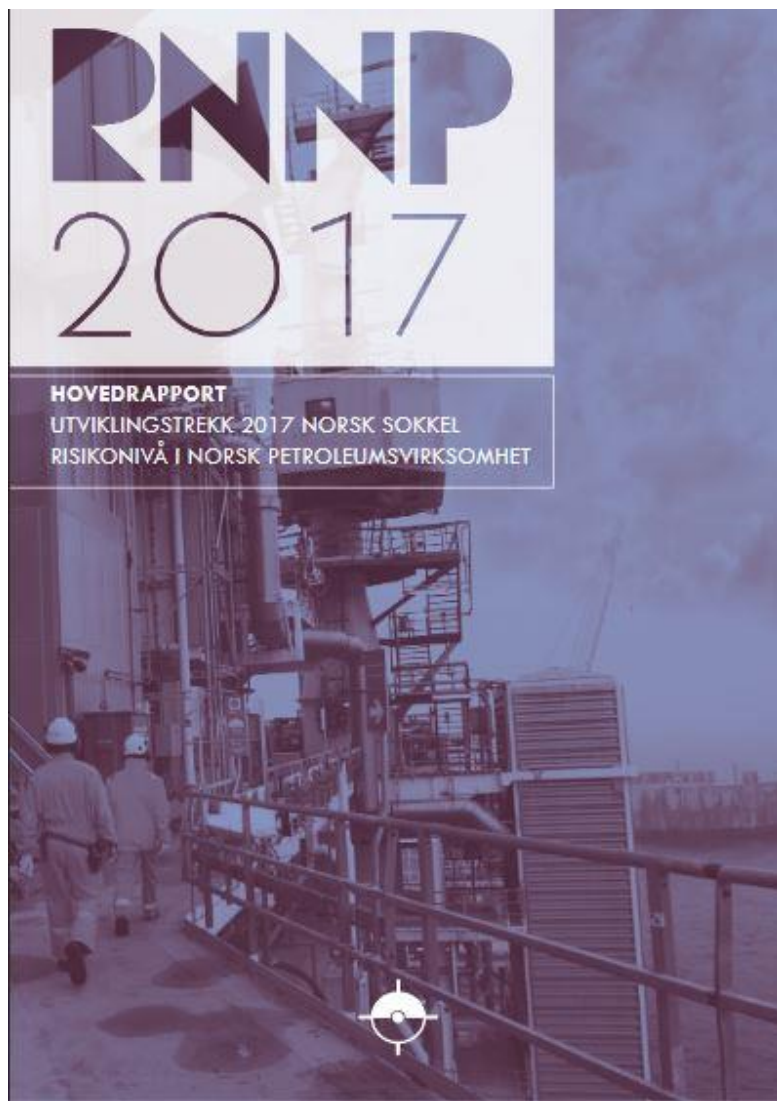
Public participation



Risk management

- Tripartite collaboration and internal control jeopardized by complacency and hard HR management
- The Petroleum Safety Authority under investigation by the Auditor General of Norway





SYSLA OFFSHORE 77.77 Brent Oil -0.17% USD: 8.15 EUR: 9.54



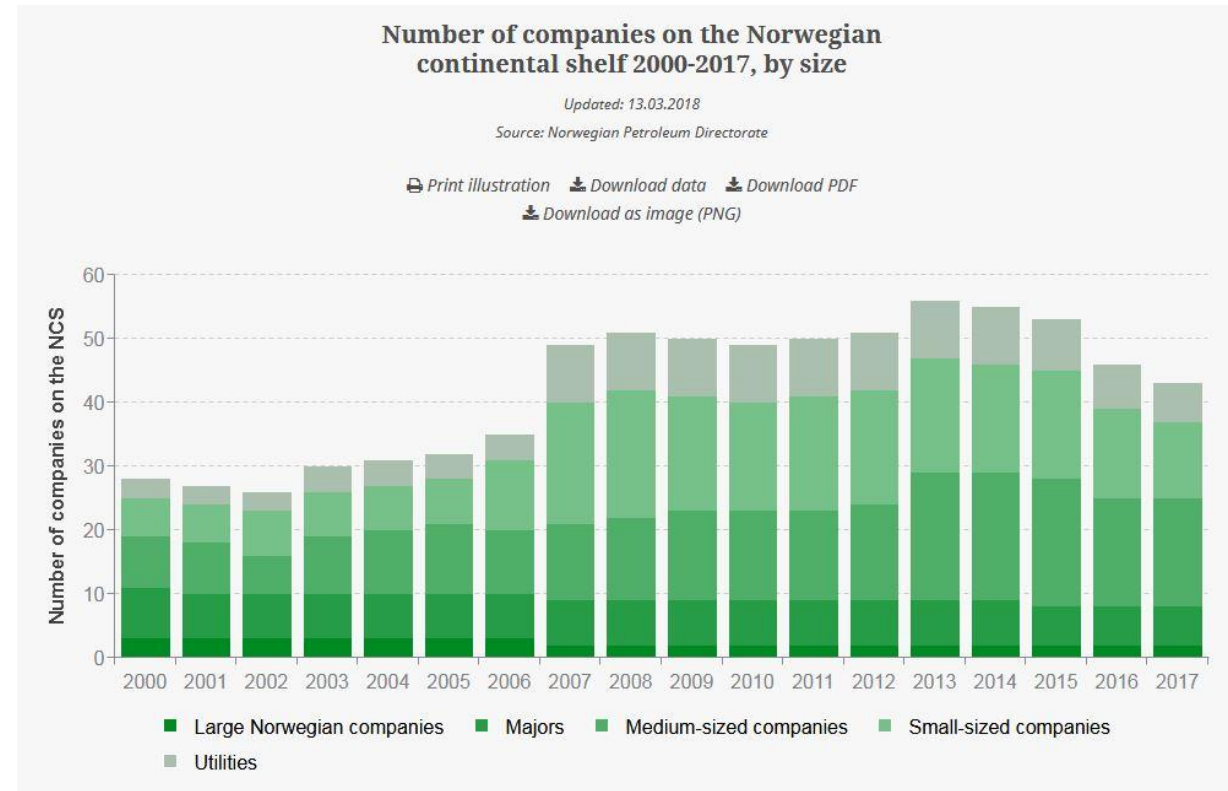
Goliat. Foto. Fredrik Refvem.

502 personer måtte evakuere etter gasslekkasje på Goliat

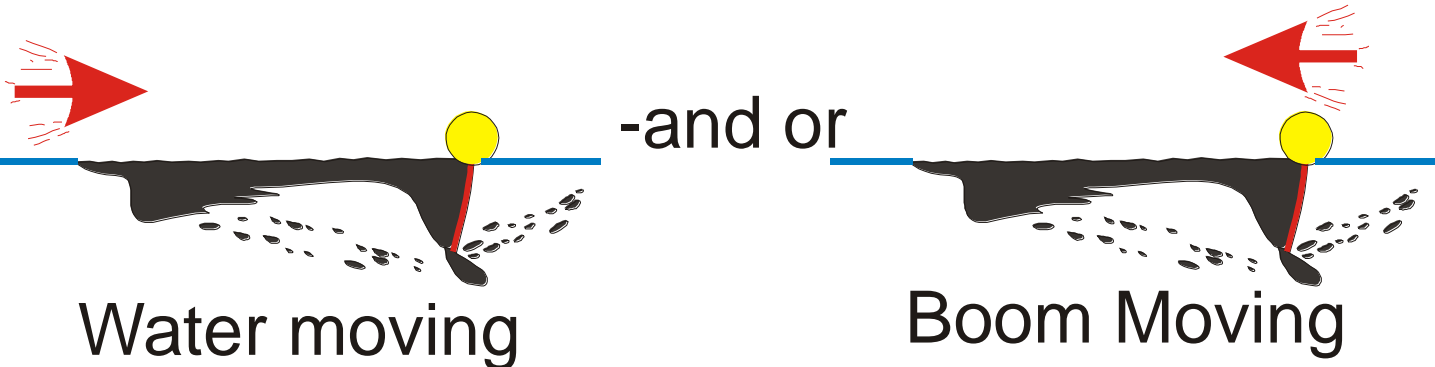
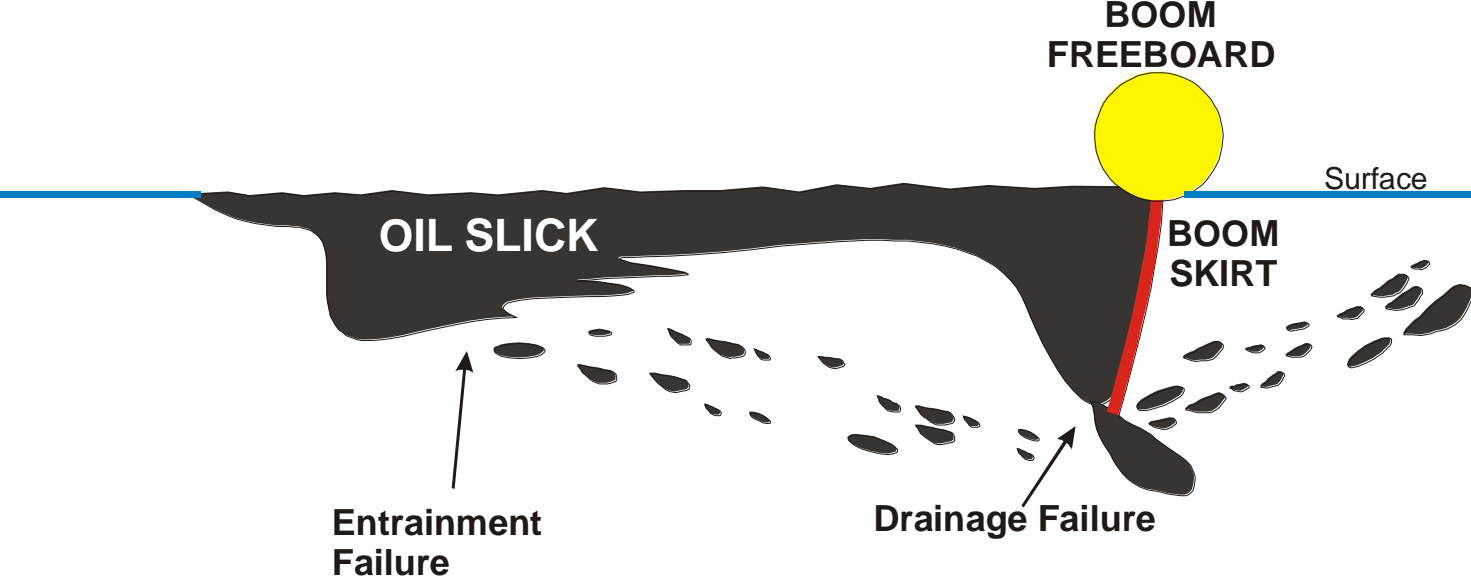
Det er ikke klart hvor stor gassutslippet var på Goliat-plattformen søndag kveld.

Liability

- Need for criminal liability
- «Oil mosquitos» entering - need for financial guarantees



Emergency response



Oil drift scenarios

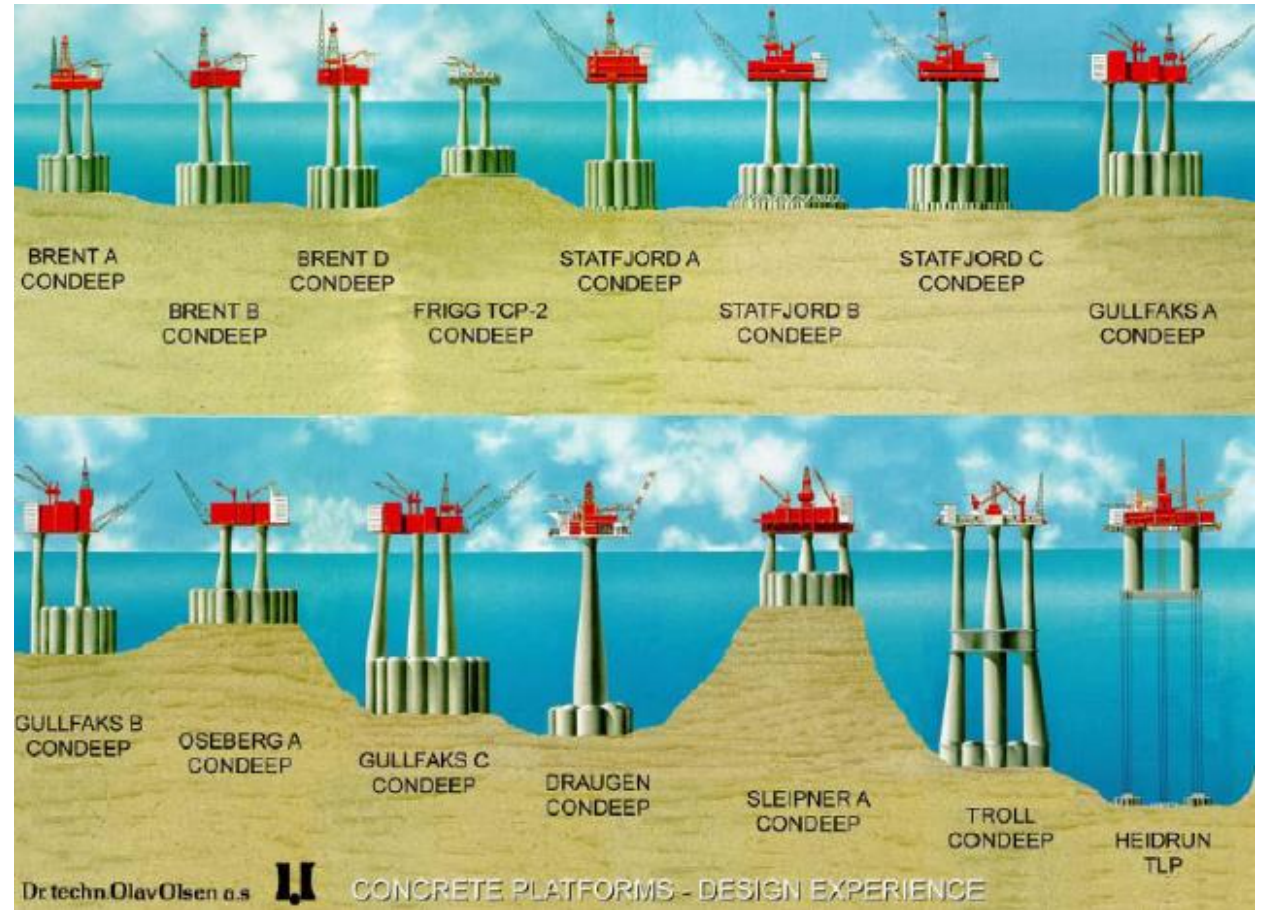
- **Oljedriftscenario Vesterålen**

<https://www.youtube.com/watch?v=xSn87tp1vl8>



Responsible abandonment

- Fixed installations
- FPSO vessels
- Rigs and mobile installations
- North Sea Producer



Responsible abandonment

