



**Organization for Security and Co-operation in Europe
Secretariat**

EEF.NGO/2/08
25 January 2008

ENGLISH only

Conference Services

**Sixteenth OSCE Economic and Environmental Forum - Part 1:
“Maritime and inland waterways co-operation in the OSCE area: Increasing security
and protecting the environment”
Vienna, 28- 29 January 2008**

**Session II
Environmental and economic aspects of maritime co-operation**

Cooperation between the petroleum industry and local authorities in the Barents Sea Region
Bjørn Kristoffersen



The 16th OSCE Economic and Environmental Forum
 Environmental and economic aspects of maritime cooperation

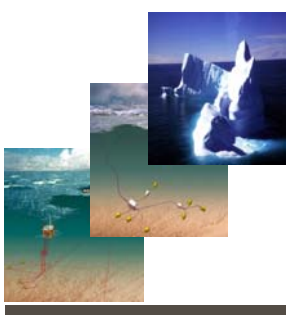
Cooperation between the petroleum industry and local authorities in the Barents Sea Region

Bjørn Kristoffersen

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 The ambition




- Maximise value potential of the Norwegian continental shelf
- Build strong upstream positions internationally
- Exploit the company's world-leading technology/ability to execute projects
- Strengthen the position in the gas value chain
- Build a stronger, sustainable position within new energy

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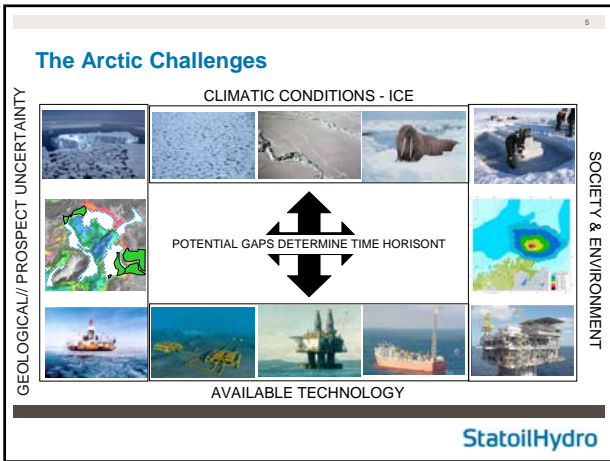
The Area of Interest

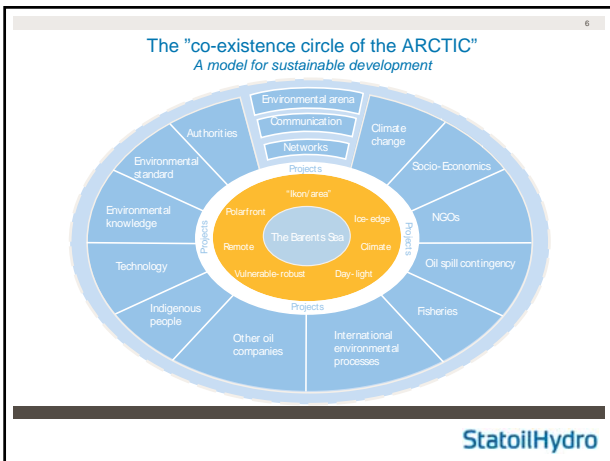


- Multi-ethnic periphery region
- Natural resource-based economies
- Potential tensions between stakeholders
- Vast areas under Russian and Norwegian sovereignty
- Unresolved boundary area
- Harsh climate and physical conditions
- Pristine and vulnerable ecosystems
- Remoteness and lack of infrastructure

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Focus Areas




1. Scenario 2030
ESIA challenges




5. Stakeholder
engagement &
CSR



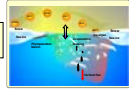
2. Knowledge of
ecosystems




6. Regional
cooperation &
knowledge



3. HSE standards &
environmental
technology



7. Profiling &
alliances



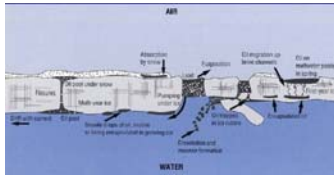
4. Emergency
response & oil
spill
contingency

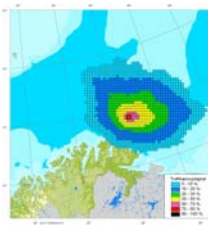
8. Projects: Shtokman and other

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Contingency to Fight Acute Pollution






- R&D on oil spill response in ice-covered areas
- Offshore, coastal and shoreline oil spill response
- Environmental risk assessment and management
- Regional resources

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Regional Cooperation and Knowledge



Murmansk Oblast

- Laboratory for analysis of ageing properties (MCSM)
- Oil spill modelling and data management (Hydromet)
- NOFO equipment to MBASU

Arkhangelsk Oblast

- Research on oil spill in Onega Bay
- Experience transfer: fisheries – oil industry
- Coastal sensitivity studies
- Environmental monitoring

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Laboratory for analysing oil

Effective oil spill management requires knowledge of chemical and weathering characteristics of oil.


Samples have to be taken from oil exported

Oil drift modelling is part of the package

Integrated management Plan:

- " cooperate with Russia on the analysis and identification of the types of oil transported by ship along the coast in the area covered by the management plan and evaluate the need to establish a data bank for all these types of oil."

The laboratory that will be established in Murmansk, financed by Statoil and delivered by SINTEF, will analyse the oils and data will be available for Russian and Norwegian authorities when necessary



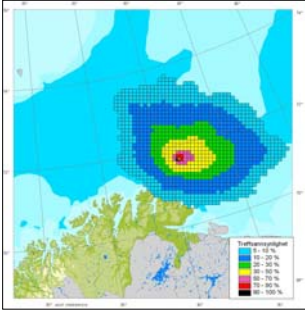
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Oil Spill Modelling and Data Management

Establish an operative oil drift forecast service at Hydromet in Murmansk

- Install the Oil Weathering Model
- Build data management systems




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Supply of Oil Recovery equipment

- In cooperation with the Ministry of Fisheries and Coastal affairs
- 3 complete Transrec 350 systems including;
 - 3 weir skimmers
 - 400 m oil booms (Ro-Boom)
 - 3 power packs
 - Upgraded by Framo
 - Training by Framo
 - Offshore exercise
 - Oil on water ?



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Delivered by the Norwegian Prime Minister

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