



FISKERI- OG KYSTDEPARTEMENTET

Norwegian Ministry of Fisheries and Coastal Affairs

Integrated Management of Sea basins Norway

*European Maritime Day,
Rome, 19th May, 2009
Secretary General Jørn Krog*

Marine research in Norway

**The Norwegian Ministry of fisheries and coastal affairs invests
approx. 40%
of it's budget on
research**



Increased Pressure on Oceans:

- **Climate change , Acidification, Temperature Pollution, Safety and security**
- **Competition of sea and coastal areas**
 - **Energy**
 - **Maritime transport**
 - **New marine resources**
 - **Tourism**
 - **Fisheries**
 - **Aquaculture**

→ **Increased pressure and competing claims calls for different approaches to the structuring of science**



Restructuring the science community

- **Science based policy relies on results & advice from public institutions:**
 - Public institutions provide input for
 - ecosystem based management of fisheries (IMR)
 - competing claims fish vs. oil and gas, (IMR)
 - precautionary principal (IMR)
 - seafood production, veterinary, health,.. (NIFES, VI)
- **Science for industry conducted by market driven institutions**
 - Pre-competitive areas (SINTEF marine technology, NOFIMA biology)
 - Innovation (SINTEF, NOFIMA)
- **Interlink science for policy science for industry – creating dual use and synergy**
 - Science from public institutions are public
 - Relevant for policymakers and industry



Maritime clusters in Norway

Company examples

North Norway
Fisheries/Maritim

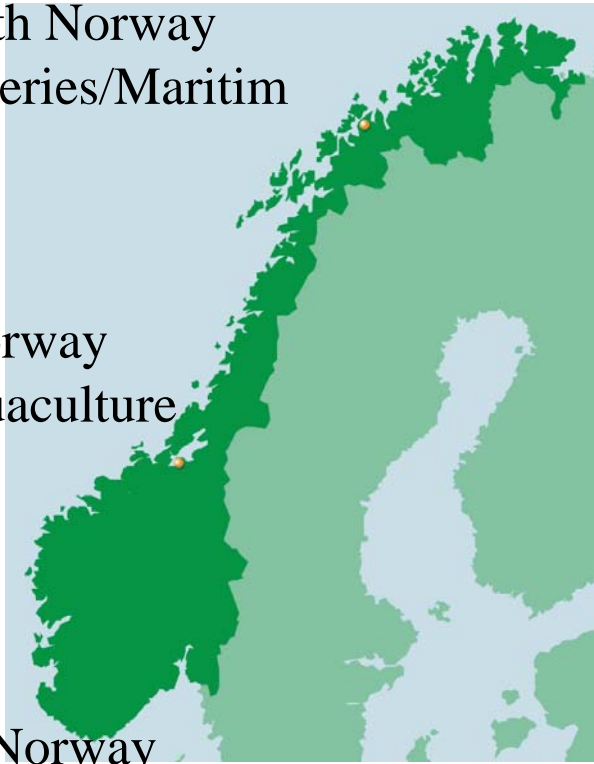
Aker;
Maritim, Fisheries,
Aquaculture

MidWest Norway
Maritim/Aquaculture

Norsk Hydro/Statoil;
O&G, Aquaculture, Wind

SouthWest Norway
Maritim/Oil and Gas

Stolt Nielsen;
Sub-Sea, Maritim,
Aquaculture



Today's Challenges – Tomorrow's Opportunities?

- Offshore technology
 - Renewable energy
 - Offshore aquaculture
- Traditional fishery
- Green ships
- New species
- Technical skills and leadership available for new and established areas



Ocean Governance where do we go?

- Sound science is essential to handle international cooperation on oceans governance
- Good Environmental Status can only be achieved by adressing the complexity, bringing together stakeholders across sectors and by a multidisiplinary approach
- We need to develop new ways of cooperation like a FORUM - building on lessons learned
- Europes leadership in ocean governance and martime innovation depends on remaining in the knoweldge economcy and investing in science and technology – building ERA



Thank you for your attention

