



The Technology challenge

**UK/Norwegian Oil & Gas Industry Collaboration
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Hydro Oil & Energy
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The Ormen Lange development

- Largest industrial project in Norway ever
- A technological innovating project
- 50% complete, on time and budget





Ormen Lange – a sub-sea development

- All production templates sub-sea
- Rugged seabed with steep hills
- Flow assurance in temperatures below zero celsius

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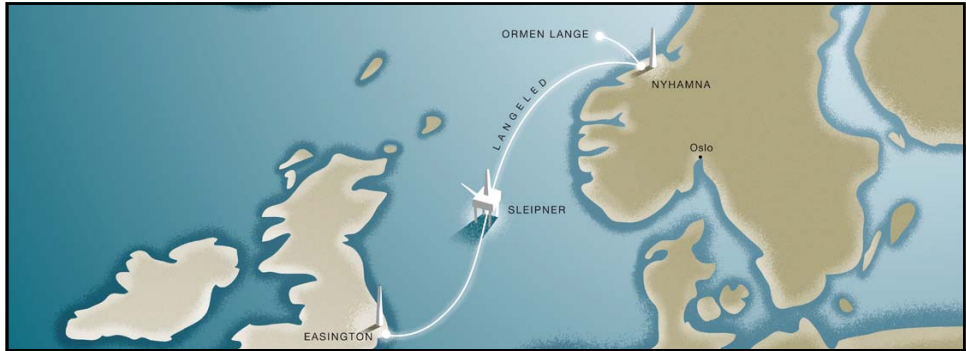


Ormen Lange - Onshore processing at Nyhamna

- Separation of gas, condensate and water
- Remote operation of sub-sea installations
- Ready for use in 2007

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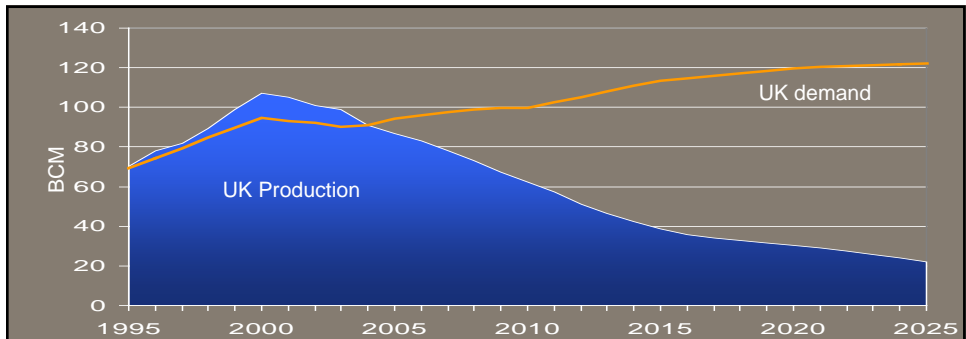




Langeded - New supply from Norway to UK

- The world's longest sub-sea pipeline system
- First delivery of Norwegian gas next year
- Ormen Lange gas will flow through Langeded October 2007

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UK - Europe's largest gas market

- Growing demand for imported gas
- 20% of gas demand supplied by Ormen Lange
- Good cooperation between UK and Norway

Source: Global Insight (July 2005)

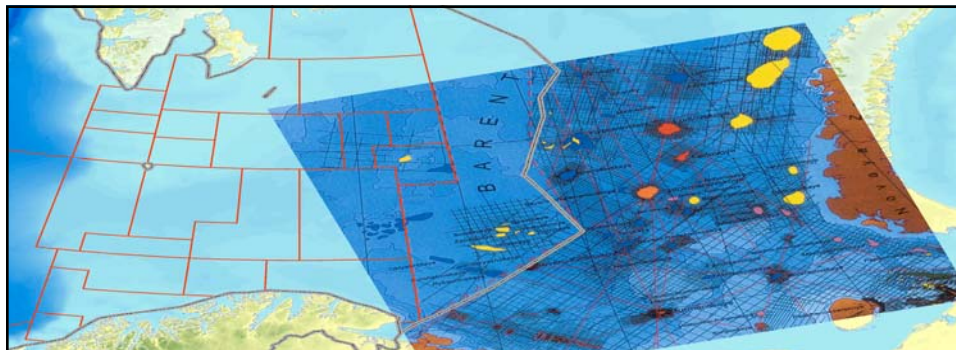
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Technology development – Sub sea and flow assurance



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The Arctic - a supply region for the future

- A key region for supplying the worlds energy demand
- 24% of the yet-to-find potential (USGS)
- Significant discoveries
- Environmental sensitive areas

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Environmental focus

- License to operate
- Zero discharge to sea
- Technology is the solution

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