



NorNed kabel

HVDC Project

Customer

Statnett SF
Statkraft SF
NEA

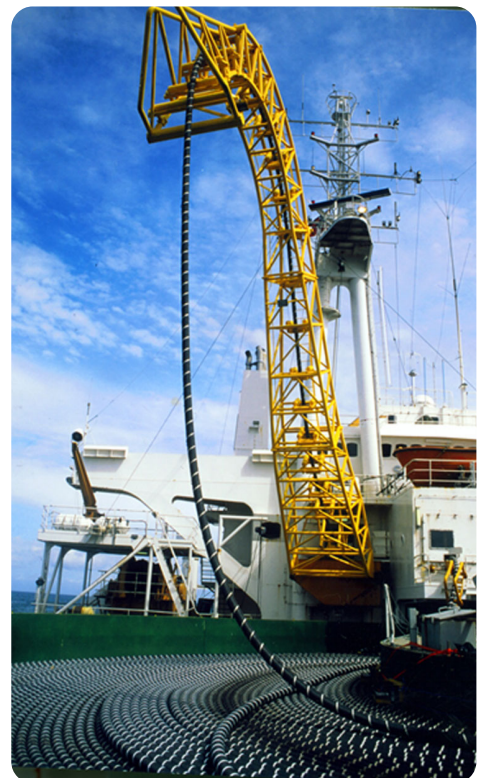
Project Location

The North Sea

Scope of Work

A joint project team has the responsibility for the following SoW:

- Project management
- Preparation and management of licencing process
- Land acquisition
- Pre-engineering
- System analysis
- Tender documents
- Tender evaluation and Contracting
- Contract administration and follow-up
- Site management and Commissioning
- Negotiation of pipeline and cable crossing agreements
- QA and HSE



Engineering Division

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Date **August 2002**



Background

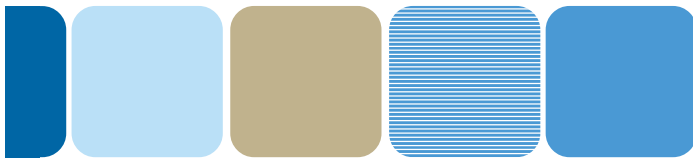
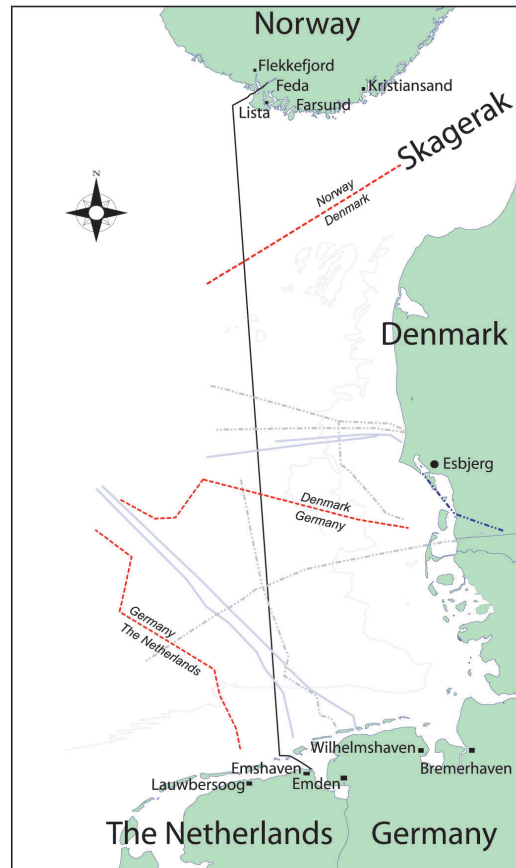
The HVDC link between Norway and the Netherlands will utilise the economic potential in connecting the thermally based generation system in the Netherlands to the hydropower system in Norway. A power exchange agreement has been established to that effect between the Norwegian generator Statkraft and NEA in the Netherlands. The link will however be owned by Statnett north of a midpoint in the North Sea, and by NEA south of the midpoint.

Commercial operation

The present plan is to commission the link in 2005.

Main data

Capacity	600 MW
Simplified bipole with two-core high voltage cable	
DC voltage	450 kV
Cable cross section	760 mm ² Cu
Length of cable route	580 km
Landing point Norway	Feda
Landing point Netherlands	Eemshaven



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