



03\_OIL AND GAS

# Skanded

## Pipeline



Skanded pipeline, overview | Photo: Gassco

The SKANLED projects covers a submarine pipeline that will run from the Kårstø natural gas processing plant in western Norway, connected with the Europe II, to eastern Norway, western Sweden and Denmark with exit points in Rafnes (Norway), Lysekil, Vallby Kile, Bua (Sweden) and Jutland (Denmark).

The total length of the pipeline is 853 km. Project cost is estimated to 10 billion NOK.

PROJECT	PROJECT TYPE	LOCATOIN	CLIENT	TIME PERIOD	KEY NUMBERS
Skanded	Pre Engineering	Kårstø, Rafnes, Lysekil, Vallby Kile, Bua (Sweden) and Jutland (Denmark)	Gassco	2008 - 2009	NOK 10 billion

## SCOPE OF WORK

Multiconsult performed Civil Pre Engineering for the Skanled Pipeline project as subcontractor to IKM Ocean Design.

Civil objects comprised landfall at Kårstø, landfall at Bamble and 13 km onshore pipeline towards Rafsnes, Grenland, Norway.

In addition, Civil Engineering Management for both Norway, Sweden and Denmark was covered by Multiconsult hire-in personnel along with Authority Handling.

## OUR SERVICES

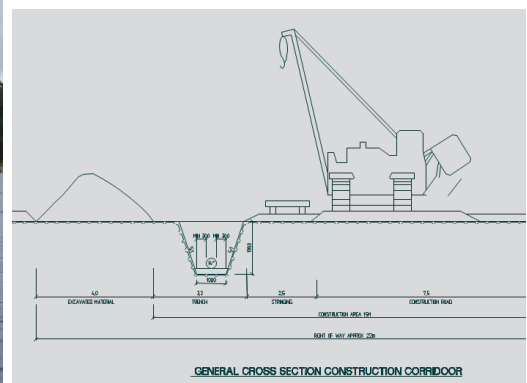
- Pre Engineering:
  - Landfall including landfall facilities
  - Onshore routing
  - Onshore trench including ROV
  - Crossings
  - Construction roads
  - Temporary facilities
  - Terminal modifications
  - Alignment sheets
- Authority Management for Gassco
- Engineering management
  - Norway, Sweden, Denmark subcontractors

## DISCIPLINES

- Civil Engineering
- Site preparation
- Geotechnic/Geology
- Road/infrastructure
- Landscaping
- Authority Handling



Landfall Bamble | Photo: Multiconsult



Principal sketch, onshore trench | Photo: Multiconsult

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