



Schematic of field layout

## Field Information

The Snorre field was discovered in 1979 and production started in 1992.

Snorre is a giant in the North Sea, and one of the fields with the largest remaining reserves in Statoil's portfolio of oil producing fields on the Norwegian continental shelf.

Expected production when PDO was submitted was 750 million barrels of oil. So far, the Snorre field has produced 1.4 billion barrels of oil.

Planned field recovery rate is currently 46%. The rate is expected to rise to 51% following the Snorre Expansion Project.

The field is located in the Tampen area in the northern part of the North Sea.

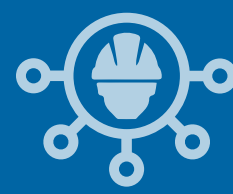
Water depth is 300 - 380 metres.

Snorre field life was originally expected to last until 2011- 2014. It is now expected to produce beyond 2040.

Source: equinor.com



OUR VALUES



PROJECT CLIENT

Equinor



Safety



Integrity



Sustainability



Performance



Collaboration



Innovation

# Equinor Snorre Expansion Project

## Project at a glance

The Snorre Expansion Project features three Pipeline Bundles and 31 spools, linking six new drilling templates with the Snorre A tension leg platform (TLP), housing all necessary services for full field operation.

*Full project information overleaf*

## Highlights

- Total length of 20,976m in three Pipeline Bundles. All three with significant intermediate structures.
- The east Pipeline Bundle at 147cm is the largest in diameter to date, and at 12,400t, by far the heaviest to date installed by Subsea 7.
- The west Pipeline Bundle, at 7,619m long, is one of the longest executed from Wick Fabrication Site.
- Total length equaling 3.4km of pipe spools, 7.6km of tubing spools and 3.7km flying leads.



Our Differentiators





## Equinor Snorre Expansion Project

### Project

Equinor Snorre Expansion Project

### Location

The Snorre field is located within blocks 34/4 and 34/7 in the Tampen area, 150km West of Florø, Norwegian North Sea.

### Water depth

300m – 380m

### Project Type

EPIC

### Date Awarded

December 2017

### Completion Date

Ongoing

### Scope of Work

Engineering, fabrication and installation of three new Pipeline Bundle systems, incorporating Pipe-in-Pipe insulated production, gas injection and water injection, chemical supplies, hydraulics, electrical and fibre optic lines.

Engineering, fabrication and installation of 31 spools and associated glass reinforced plastic covers, linking the three Pipeline Bundles with six new subsea manifolds and the Snorre A TLP risers. Precommissioning of the Pipeline Bundle/spools system.

### Project Milestones

Pipeline Bundle and towhead fabrication has started at Subsea 7's Pipeline Bundle Fabrication Site in Wick.

### Technology and Innovation

- First project to incorporate Swagelining Linerbridge technology in polyethylene lined water injection lines.
- Swagelining's LinerBridge® technology is the world's first all-polymer lining connector that removes the need for costly Corrosion Resistant Alloy (CRA) welding.
- Pipeline Bundles include electrical and fibre optic lines in preparation for the use of Underwater Intervention Drone/ Autonomous Underwater Vehicles.
- All electric controls system for operating bundle valves.
- Foundation design of tolerably mobile towhead structures extended to very soft clays, removing the need for rock foundation.
- Multibore umbilical spools.
- Standardisation of spool cassette installation with modular spreader bar.

### Collaboration

- Close collaboration between Norway and Aberdeen teams to deliver the scope of work.
- Swagelining Limited, a Subsea 7 company.

