



Electrically Heat Traced Flowline

## Field Information

The AERfugl field is a unique gas condensate field, nearly 60km long and just 2-3km wide, situated close to the Aker BP-operated Skarv Floating production, storage and offloading unit (FPSO), approximately 210km west of Sandnessjøen. The water depth ranges from 370m to 450m.

Source: AkerBP.com



OUR VALUES



Safety



Integrity



Sustainability



Performance



Collaboration



Innovation



PROJECT CLIENT

Aker BP

# AERfugl Development Project

## Project at a glance

The AERfugl gas field is located in the Norwegian Sea and will tie back to the existing Skarv FPSO.

The project is executed by an integrated team of representatives from Subsea 7 (SURF), Aker Solutions (SPS) and Aker BP based at Subsea 7's offices in Forus, Norway.

Phase 1 of the development is planned with first gas in November 2020 and consists of a 20.3km long Electrically Heat Traced Flowline (EHTF) Pipe-in-Pipe and three single slot templates.

Full project information overleaf

## Highlights

- Subsea 7's first awarded EHTF project.
- Development and installation of a new EHTF fabrication line at Vigra spoolbase including helix machine, tensioner system and new buildings.





# Aker BP - Ærfugl Development Project

## Project

Aker BP - Ærfugl Development Project

## Location

Norwegian Sea

## Water depth

370m - 430m

## Project Type

EPCI

## Date Awarded

December 2017

## Completion Date

Ongoing

## Scope of Work

- 20.3km EHTF Pipe-in-Pipe (10-inch/16-inch) and related topside equipment
- Pipeline End Terminations, inline tees, inline power inlet structures and glass reinforced plastic covers.
- Dynamic and static power umbilical.
- Dynamic and static service umbilical.
- Flying leads for service umbilical and power umbilical systems.
- 3x 6-inch flexible jumpers.
- 3x 10-inch flexible jumpers.
- Tie-in module.
- Umbilical riser base.
- 3x single slot templates.
- 3x vertical x-mas trees.
- Seabed intervention.

## Technology and Innovation

The development project consists of a high degree of new enabling technology including:

- The application of Subsea 7's Electrically Heat Traced Flowline (EHTF) technology to prevent hydrate formation and improve production efficiency.

## Assets and Worksites

- Subsea 7's Spoolbase in Vigra, Norway.

