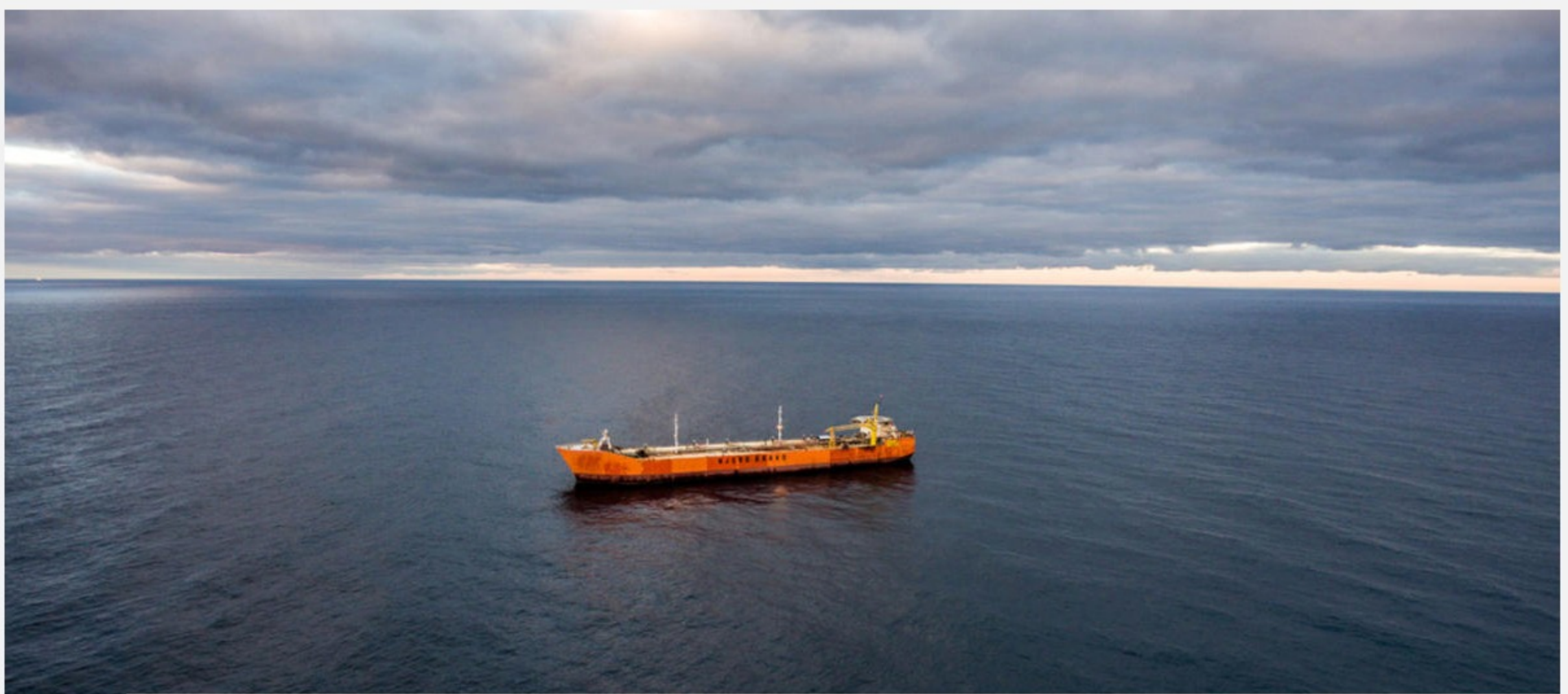


Njord B contract to Aibel



Njord B on location in the Norwegian Sea. Photo: Thomas Sola/Statoil

The Njord Unit partnership awards NOK 1,3 billion contract to Aibel for upgrading of the Njord Bravo floating storage and offloading (FSO) vessel in the Norwegian Sea.

The storage vessel will be prepared for extended operation of the Njord and Hyme fields, as well as tie-in of two new field developments in the Norwegian Sea, Bauge and Fenja.

The job involves extensive refurbishment and maintenance of the vessel, in addition to installation of equipment on board for reducing emissions to air (VOC recovery facility).

Aibel will start the work immediately, and the storage vessel is expected to arrive at the Haugesund yard early in July 2018. The contract will be signed at Aibel's offices in Haugesund on Thursday 19 April 2018.

At peak, the project will engage around 600 people. Njord Bravo is scheduled to be completed at the turn of the year 2019/2020.

The Njord field came on stream in 1997, and both the platform and the storage vessel are now being upgraded for additional 20 years of operation. DEA has a 50% share in the license.

In 2016, the platform and the storage vessel were towed to shore, to Stord and Kristiansund respectively. In Kristiansund, jobs included survey of the vessel, disassembly and overhaul of equipment on Njord B, and preparations for the main upgrade work. DEA representatives have monitored the process closely.

"DEA is an active partner, and it has been important for us to make good use of the time ashore in Kristiansund. Together with Statoil, we have made sure that extensive work has been carried out while the vessel has been at the yard. The jobs represent contract awards worth around NOK 80 million to suppliers in the Kristiansund region", says DEA Senior Structural Engineer in Norway, Mathias von Borstel.

In March 2017, Kværner's yard on Stord was awarded the contract for upgrading the Njord A platform, involving around 3000 man-years. The work is progressing as planned, currently focusing on preparations for topside modifications and reinforcement of the hull and main deck structures.

The field is scheduled to start production in the autumn 2020.

The Njord Future project

Njord Future covers the Njord, Hyme and Bauge fields. Njord is an oil and gas field in the Norwegian Sea, located around 30 kilometres west of Draugen.

The field development consisted of a floating steel platform with a drilling and processing facility, Njord A, and a floating storage and offloading (FSO) vessel, Njord Bravo.

The field was temporarily shut down in the summer of 2016, and Njord A and Bravo were towed to shore for upgrading to recover the remaining resources from the Njord and Hyme fields.

Hyme is an oil field which is located 19 kilometres north-east of Njord. It consists of a subsea installation which is tied in to the Njord A platform.

The Bauge field is a new field development to be phased in to the Njord A platform. In December 2017, the Fenja licensees decided to phase in the field to the Njord A platform.

Remaining resources on the Njord and Hyme fields amount to 175 million barrels of oil equivalent (boe), corresponding to the reserves already produced on the fields since first oil. In addition, 73 million boe will be produced from Bauge.

An upgraded field centre and a new infrastructure on Njord are opening opportunities for developing other fields in the area.

Fast facts - The Njord field - upgrading of existing infrastructure

- First oil in 1997. Njord was in production from 1997 to 2016, and 54 wells were drilled. Plans call for 10 new production wells on the field
- In 2016, the Njord A platform and the Njord Bravo floating storage and offloading (FSO) vessel were towed to shore, to Stord and Kristiansund respectively
- Reserves: 175 million barrels of oil equivalent
- Capital expenditure: NOK 15.7 billion

Partners: DEA Norge AS 50%, Statoil (operator) 20%, Neptune Energy 20%, Faroe Petroleum 7.5% and VNG Norge AS 2.5%.

Fast facts - The Bauge field - new development

- The discovery is located some 16km north-east of the chosen tie-in platform, Njord A
- The development concept includes one subsea template, two oil producers and one water injector
- Reserves: 73 million barrels of oil equivalent
- Capital expenditure: NOK 4.1 billion

Partners: Statoil (operator) 35%, DEA Norge AS 27.5%, Point Resources AS 17.5%, Neptune Energy 10%, Faroe Petroleum Norge AS 7.5%, VNG Norge AS 2.5%.