



Simplified design, simplified timeline

on a highly efficient sand handling
system in the North Sea.

Operated by Total, the Martin Linge field is located approximately 180 kilometers west of Bergen, Norway, in a water depth of 115 meters. Technip led the development of a new fixed production platform.

We were selected to provide sand handling equipment for this Martin Linge project based on our proven technology and 40+ years of experience improving and manufacturing process equipment.

From our Montrose, Scotland facility, we engineered and provided a fully integrated separator sand removal system feeding slurry to a sand cleaning package. We used our Tore OVD technology for the 2nd and 3rd stage separators, providing a controlled discharge of slurry from the upstream separators with known maximum solids concentration, simplifying design of the sand cleaning package. All the while, eliminating the need for slurry pumps, saving precious space on the platform.

Our highly efficient system can be cleaned offshore and discharged to a bagging system for shipping to shore. The system is fully automated, and the cleaning package winterized with heat tracing and insulation. Material of construction is 22% Cr duplex vessels and pipework to NORSOK M650 edition 4 and certification level 3.1.

With complete in-house design, engineering, project management, and fabrication, our team was able to control timelines and meet delivery deadlines.

Project details

Solutions provided

Tore™ Online Vessel Desander (OVD)

Tore Scrub Sand Handling Package

- Complete engineering, including all process, mechanical, and C&I design
- Project management and fabrication

Key facts

- Location: Total Martin Linge fixed platform, Norwegian North Sea
- Operator: Total