



# HYWIND FLOATING FARM

2016-2017, SCOTLAND



SAIPEM



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The Hywind project involved lifting and mounting five floating offshore wind turbines, generating six megawatts of power each. This project is an important step in offshore wind technology, potentially opening new markets for renewable energy production worldwide by making projects feasible even in rough and windy areas with high energy yields.

The installation of a fully-assembled wind turbine generator on a floating substructure was a new challenge to take on for Saipem, and was completed using the Saipem 7000 vessel. Now, new solutions in the floating wind power sector are under development, together with a concept developed by Moss Maritime for a floating offshore solar park, for which a patent application has been filed.

Saipem's successful entry into the wind power sector is a result of its vision for the future combined with its company's experience, innovative capacity, and engineering potential.

## HIGHLIGHTS

**WORLD'S FIRST**

FLOATING WIND FARM

**56 MW**

FLOATING WIND TURBINES

**10,500 t**

FLOATING SUBSTRUCTURE

**1,140 t**

WIND TURBINE GENERATOR

**LOCATED**

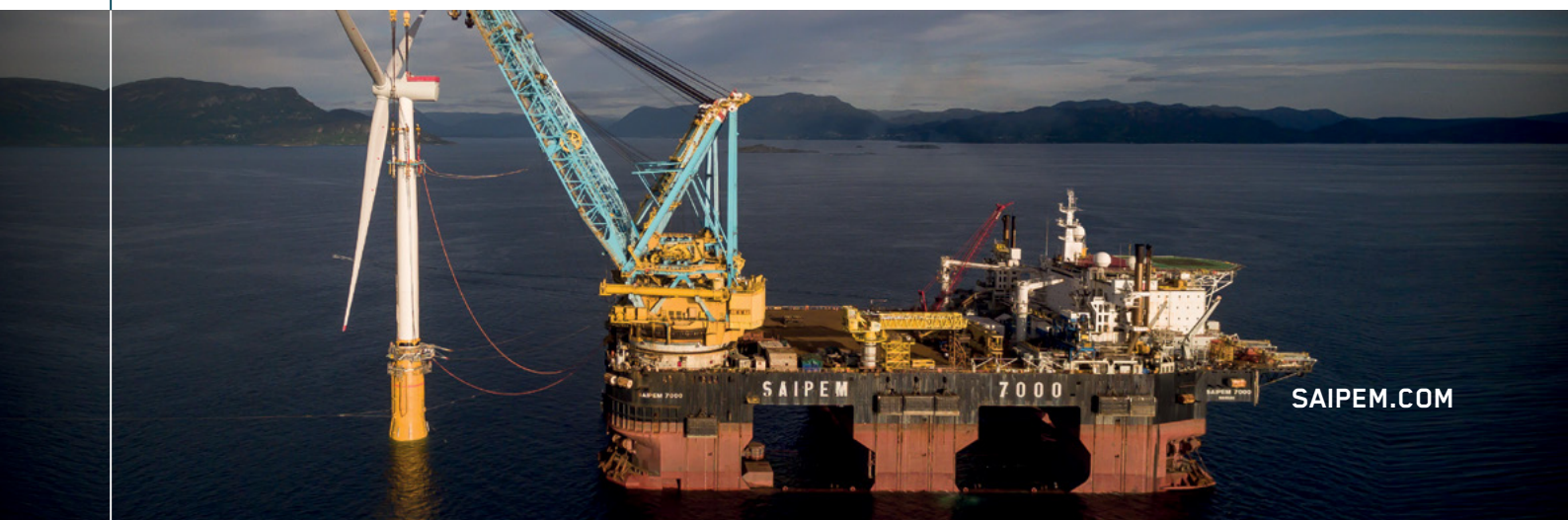
OFF THE COAST OF SCOTLAND

**PROJECT COMPLETED**

WITH SAIPEM 7000

**FIRST STEP**

IN RENEWABLE ENERGY PRODUCTION



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