

# FloCan5

# NER 300

## The project

Technology category: Wind energy

Location: Canary Islands, Spain

Max. NER 300 funding: EUR 34.0 million

Final investment decision: June 2018 (estimated)

Entry into operation: June 2020

## Project summary

FloCan5 is a deep-offshore floating wind farm located at the South-East of Gran Canaria Island, off the coast of Pozo Izquierdo, an area with one of the highest wind resources in the region.

The wind farm will comprise 5 floating platforms with 5 MW wind turbines installed in water depths ranging from 30 to 250 m. Power will be directly evacuated from the wind turbine generators at 33 kV to a step-up onshore substation (33/66 kV) located by the coast next to a thermal power plant.

## State of advancement

During 2016, the following key milestones have been reached:

- Basic engineering
- Coupled analysis engineering of turbine, floating platform and mooring system
- Evacuation engineering related to floating system

## Project sponsor

Cobra Instalaciones y Servicios S.A.

## Outlook for coming year

The main objectives scheduled for 2017:

- Completion of basic and detailed engineering.
- Certification of the detailed design by DNV-GL

## Outlook for coming 5 years

The milestone schedule provides the outlook and timeline for the period of the FloCan5 project from 2018 to 2020.

2018 key milestones:

- Financial closure
- Main procurement contracts signed: platform, mooring, wind turbine generator, cable, substation, platform installation and cable installation
- Beginning of construction: floating platform, electromechanical systems, mooring systems, turbines, cables

2019 key milestones:

- End of construction process
- Transport and installation of moorings and cables installation

2020 milestones:

- Transport of turbines to Gran Canaria, assembly on platforms and final installation
- Pre-commissioning
- Entry into operation