

Participation in a Floating Offshore Wind Demonstration Project off the  
Port of Bilbao, Spain

1st, August, 2023  
Kansai Electric Power Co., Inc.

Today we have decided to participate in the DemoSATH project, a demonstration project for a barge-type\* floating offshore wind turbine in Bilbao, northern Spain, being conducted jointly by Saitec Offshore Technologies and RWE Renewables. This is the first time for us to participate in a demonstration project of floating offshore wind power generation.

In this demonstration project, a floating facility with a 2,000 kW wind turbine is constructed in the Port of Bilbao and towed to a demonstration site about 3 km offshore, where it will be in operation for about two years to conduct a demonstration test of floating offshore wind facilities. Currently, the assembly of the floating foundation and wind turbines has been completed at the port, and preparations are underway for towing to the demonstration site, with the aim of starting operation in 2023.

Kansai Electric Power Co., Inc. group is committed to the diffusion and expansion of renewable energy, aiming to develop 5 million kW of new projects and 9 million kW of accumulated projects in Japan by 2040, thereby contributing to the realization of a zero-carbon society. In order to achieve this goal, we will actively accumulate knowledge on various types of floating wind turbines, and will be eager to develop new floating offshore wind turbines, which are expected to have high development potential in Japan.

\*barge-type: a flat-bottomed ark (called a barge or pontoon) on which the wind turbine is installed.



<Outline of floating offshore wind power demonstration test>

<Location map>

<b>Location</b>	Kingdom of Spain Off the Port of Bilbao approx. 3 km
<b>Tecnology (Floating foundation)</b>	Floating offshore wind (Barge type)
<b>Total output</b>	2,000 kW x 1 unit
<b>Participant</b>	Saitec Offshore Technologies, RWE Renewables, Kansai Electric Power Co.



<Picture at the site>

