PROJECT

FLOATGEN

The largest demonstration project of Wind marina in Europe

ZABALA collaborates with the FLOATGEN project funded by the European Commission. This initiative demonstrates the viability of the technology offshore floating in deep water for its application for the first time in sea areas of Southern Europe.

zabala innovation consulting

This project is co-financed by the European Union

€18 M

M €, IS THE TOTAL BUDGET OF THE PROJECT. 10M € ARE FINANCED BY THE EC

7

PARTNERS WITH A MAJOR INDUSTRIAL WEIGHT, FRANCE, GERMANY, SPAIN AND UNITED KINGDOM

5

YEARS TO DEVELOP THE PROJECT FROM 2013 TO 2018

33

METERS AND 22 KILOMETERS ARE RESPECTIVELY THE WATER DEPTH AND DISTANCE FROM SHORE

IN ONE CLICK		
Coordinator	**Programme**	**Period**
IDEOL	7 FP	2013-2018
Sector	**Web**	**PDF Download**
RENEWABLE ENERGY	FLOATGEN.EU	Floatgen

01
The Challenge

The **main objectives** of Floatgen are: **proving** the technical, economic and environmental feasibility of an EU technology floating system in deep waters, **bringing** wind energy applications closer to market in diverse European deep offshore areas and **assessing** the expected global generation cost per MWh in a 15-year perspective.

02
Solutions

IDEOL is the leader of the consortium and **will design** the demonstrator based on its floating supply the technology and 2 MW wind turbine. It will be installed in the **test area** of SEMREV, owned by ECOLE CENTRAL DE NANTES and located 12 nautical miles from the French Atlantic coast. Bouygues Travaux Publics is responsible for the construction of the floating platform, while the University of Stuttgart will contribute simulations loads. **RSK will analyze** the environmental impact and **ZABALA** is responsible for the financial and administrative management. Fraunhofer-IWES will conducted a comparative analysis of the proposed system and other floating FLOATGEN solutions.

03
Impacts

FLOATGEN will be the **first offshore wind turbine** in France and the first example of **floating offshore wind farms** to be installed in the coming years in deep waters of the Atlantic. This system **will be able to confirm** the excellent performance of the floating solution under real conditions and provide a starting point for implementation in serie production.