



FLOATFARM

NEXT GENERATION FLOATING WIND FARMS

**Developing the next generation
of environmentally friendly floating wind farms
with innovative technologies and sustainable solutions**



Duration

4 years



Start-end date

1 January 2024
31 December 2027



Budget

6M€



Consortium

17 Partners
8 countries

Objectives

Building upon the success of the FLOATECH project (2021-2023), FLOATFARM seeks to notably enhance the development of Floating Offshore Wind (FOW) technology by increasing energy production and attaining substantial cost savings throughout design and implementation stages. The ultimate goal is to mitigate adverse effects on marine ecosystems and improve public perception of FOW farms.

FLOATFARM embraces a comprehensive strategy that melds inventive designs with real-world testing in marine environments, experimental trials at laboratory scale, and modeling using an array of cutting-edge numerical analysis tools that go beyond current standards.

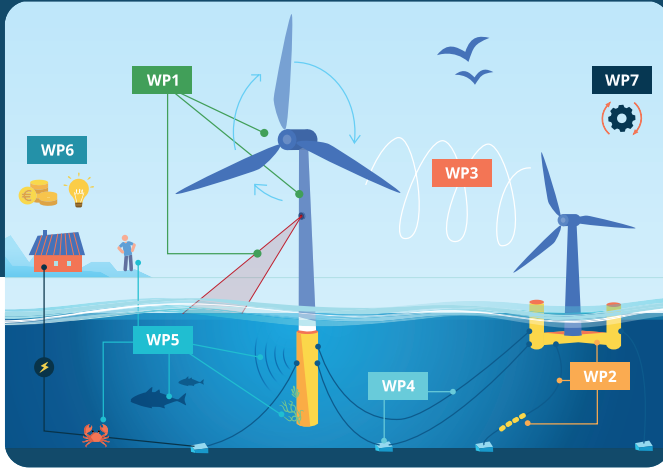


Funded by
the European Union

Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Commission. Neither the European Union nor the granting authority can be held responsible for them.



FLOATFARM
NEXT GENERATION FLOATING WIND FARMS



Action 1

WP1 Turbine Technology

WP2 Substructure Technology

Action 2

WP3 Farm Flow Control

WP4 Farm Marine Connectivity

Action 3

WP5 Environmental and Sociological Impact

WP6 Economic Impact

Cross-cutting Action

WP7 MDAO framework

Actions

To achieve these objectives, FLOATFARM relies on 3 key actions:

Turbine Technology

Development of innovative technologies and methods for improvements on an individual FOW turbine level

Farm Technology

Development, investigation and demonstration of technologies that are applicable to an array of turbines within a FOW farm

Environmental & Socioeconomic Impacts

Model development, data collection and scenario analysis of environmental, economic and sociological impacts of FOW farms