



**SPOWIND**

**Interreg**  
Euro-MED



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# SPOWIND – Project Presentation

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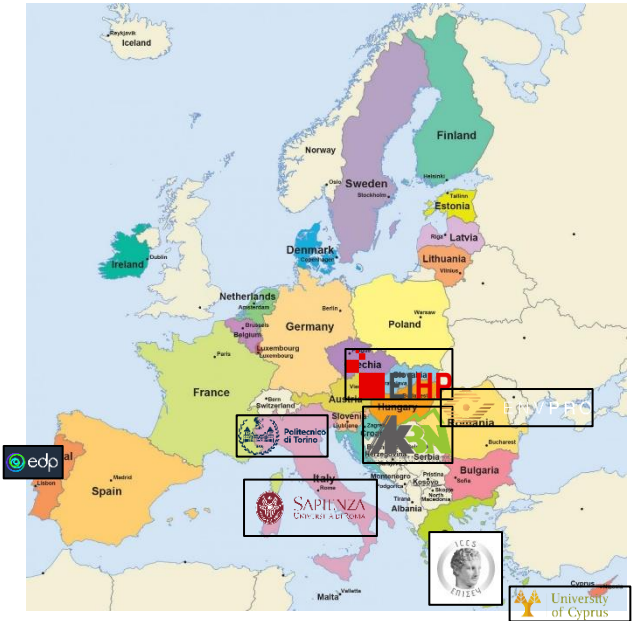


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# SPOWIND at a glance

## Spatial Planning for Offshore Wind Industry Development

<b>Programme</b>	1 - Smarter MED
<b>Type of Action</b>	INTERREG MED
<b>Duration</b>	January 2024 – ,March 2026 (27 months)
<b>Consortium</b>	8 partners from 7 countries, 6 associated partners
<b>Coordinator</b>	Politecnico di Torino
<b>Total Budget</b>	598.707,08 €
<b>EU Grant</b>	80%



# SPOWIND at a glance

## Spatial Planning for Offshore Wind Industry Development

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Answering to the call - SMARTER MED the SPOWIND project (Spatial Planning for Offshore Wind Industry Development) aim addresses offshore wind energy potential in the Mediterranean Sea, overcoming challenges with a marine spatial planning WebGIS tool. This assists stakeholders in decision-making on suitable locations and technologies. Through a maritime datahub and transnational cooperation, the project enhances coordination for sustainable energy production.



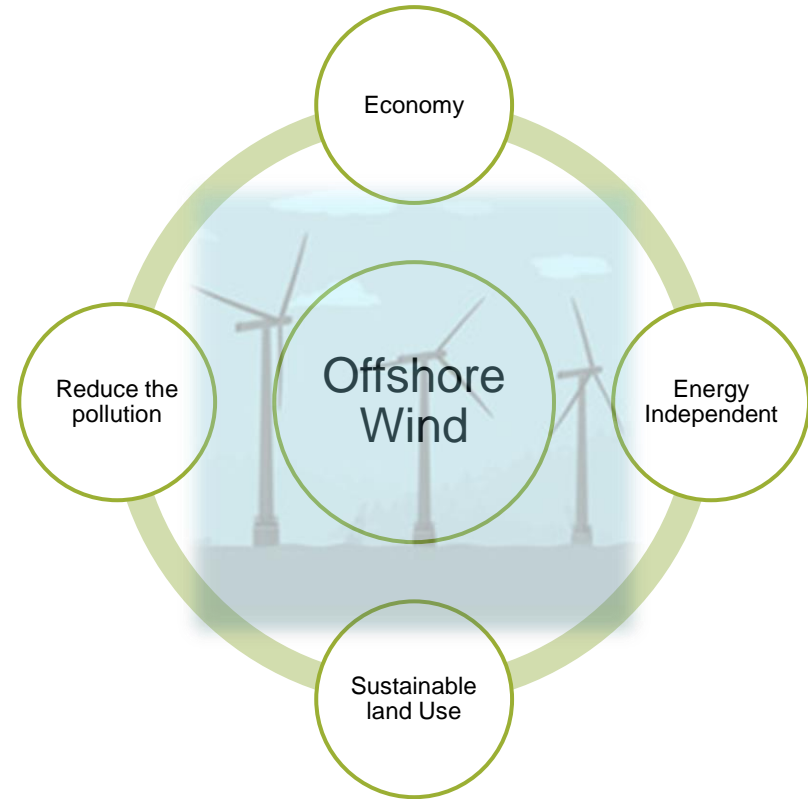
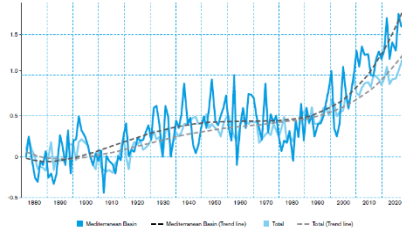
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# SPOWIND - Context and impacts of Offshore wind in MED



# SPOWIND objectives

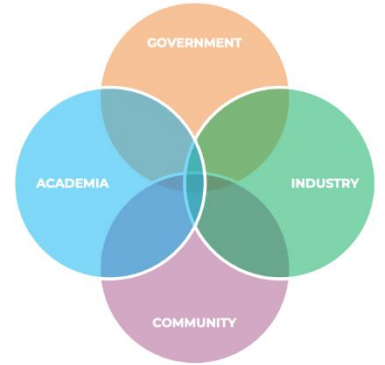
## Objectives

Support the uptake of new **offshore wind technologies**, such as floating wind turbines, in the Mediterranean Sea

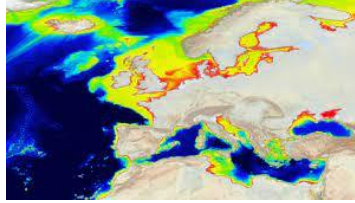
To Enhance coordination between policymakers and raise awareness of **Quadruple Helix collaboration**.

Increase institutional capacity of small and medium enterprises (SMEs), municipalities, and Transmission Service Operators (TSO) by adopting the **WebGIS tool**

Improve the quality of results by involving research institutions and universities.

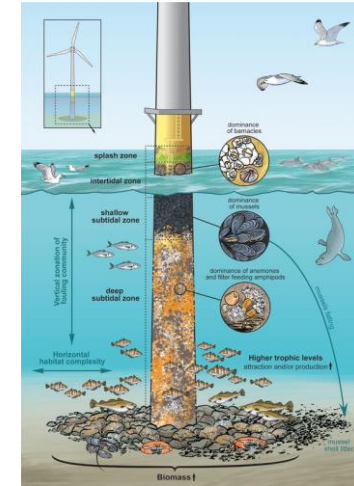


# SPOWIND - Main Innovation



**WebGIS Tool  
development**

**Explores Power-to-X and  
energies carrier  
Solutions**



**Supports Sustainable  
Offshore Wind Industry  
Development**



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# Work packages

WP1: Data collection, synergy  
and consolidation

WP2: Spatial planning of  
offshore wind farms

WP3: Energy carriers and  
transfer

WP4: WebGIS assessment and  
results amplification



# WP2: Spatial planning of offshore wind farms (M01-M24)

## Objective:

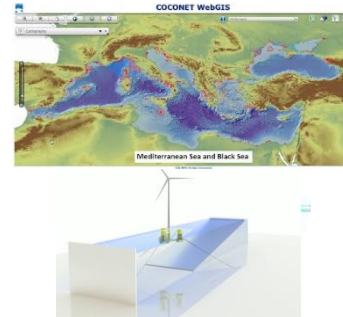
Support local and regional public authorities (e.g. municipalities) and industry with methods and **WebGIS tool** for MSP of offshore wind projects in Med basin. Provide **maritime datahub** and event organizer tool for transnational cooperation.

Offshore wind farm **productivity** and **technoeconomic** assessment



## WebGIS

To enhance offshore wind sector



## Maritime datahub

Collects, stores, manages, and disseminates maritime-related **data** and **information**



Politecnico di Torino



University of Cyprus



ENVPRO



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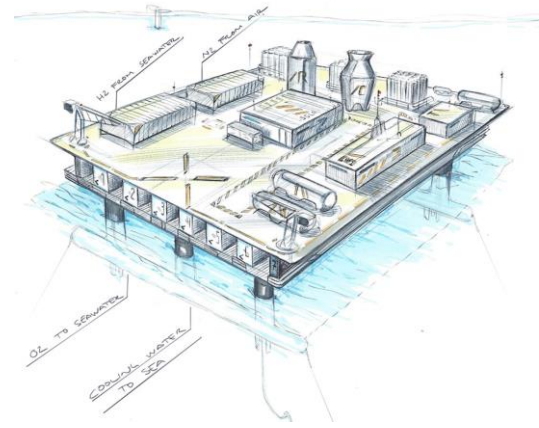
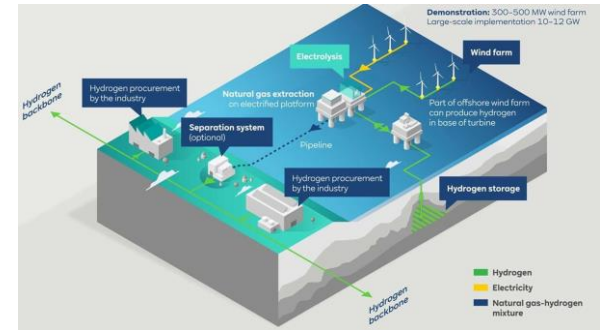
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# WP3: Energy carriers and transfer

## Objective:

Provide methods and comparative assessment strategies of energy transfer and carriers solutions (e.g. AC/DC grid connections, power-to-X) for offshore wind farms



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# Thank you!



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