

## ATLANTIS

The Atlantic Testing Platform for Maritime Robotics: New Frontiers for Inspection and Maintenance of Offshore Energy Infrastructures.

Pillar III  
Marine renewable energy  
5 | Wind energy



The EU-funded ATLANTIS project is developing a pioneer pilot infrastructure capable of demonstrating key enabling robotic technologies for the inspection and maintenance of offshore wind farms

### Overview

Offshore wind energy makes an important contribution to the decarbonisation of our society. As recent wind farms are being installed further away from the coast at deeper locations, they get more complex and the risk of operating and maintaining such offshore assets increases substantially. The overall aim of the ATLANTIS project is to establish a pioneer pilot infrastructure capable of demonstrating key enabling robotic technologies for inspection and maintenance of offshore wind farms that will be installed in the Atlantic Ocean. A large-scale pilot will be operated and demonstrated by a strong collaboration between the research community and the industrial offshore energy ecosystem. This project intends to accelerate the adoption of robotic-based solutions by end-users, in particular, by highlighting the added-value of robotics to the safety and efficiency of O&M (operations and maintenance) activities.



### Project funding

**Total cost:**  
8,515,208.75 euros

**EU funding:**  
7,046,271.13 euros

**Funding instrument:**  
Horizon 2020

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### Impact & Results

ATLANTIS will play an important role in connecting the market needs and user's expectation to robotic applications from the research, technology developers and system integrators, by accelerating the roll-out of maritime robotic technology to end-users through real-world demonstrations open to all communities. The emphasis of ATLANTIS will be on demonstrating capabilities in a real offshore wind farm.

### PARTNERS



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