



The Atlantic  
Testing Platform for  
Maritime Robotics

---

<b>Topic</b>	ICT-09-2019-2020 (H2020)
<b>Acronym</b>	ATLANTIS
<b>Title</b>	The Atlantic Testing Platform for Maritime Robotics: New Frontiers for Inspection and Maintenance of Offshore Energy Infrastructures.
<b>Project number</b>	871571
<b>Delivery date</b>	30.11.2023
<b>Deliverable number</b>	D5.4
<b>Dissemination level</b>	Public
<b>Lead Beneficiary</b>	EDP CNET

---

## Promotional videos of Offshore Test Center based on the demonstrations of the robotic solutions 1

EDP CNET and INESC TEC



## Actions

	Action	Organisation	Date
<b>Technical Manager</b>	Requested deliverable from the deliverable Responsible.	VTT	21.10.2023
<b>Deliverable Responsible</b>	Prepared draft of the deliverable.	EDP CNET	15.11.2023
<b>Technical Manager</b>	Approved the draft as the first version.	VTT	17.11.2023
<b>Quality Manager*</b>	Approved the final version of the document and saved to the "Final" folder.	UdG	29.11.2023
<b>Project Coordinator</b>	Approved the final version and sent to the EC.	INESC TEC	30.11.2023

## Disclaimer

This document does not represent the opinion of the European Union nor the European Commission is responsible for any use that might be made of its content. The ATLANTIS consortium cannot warrant that information contained in this document is free from risk and, neither the European Commission nor the ATLANTIS consortium parties are responsible for any use that may be made of the information contained therein.

This document may contain material, which is the copyright of certain ATLANTIS consortium parties, and may not be reproduced or copied without permission. The commercial use of any information contained in this document may require a license from the proprietor.

The sole responsibility for the content of this publication lies with the authors and all ATLANTIS consortium parties have agreed to full publication of this document.



## Table of Contents

1. Introduction .....	4
-----------------------	---



## 1. Introduction

In September 2023, INESC TEC performed validation and demonstration activities at the Offshore Testbed of ATLANTIS, evaluating the capabilities of autonomous surface and aerial vehicles. The tests performed were the first operations demonstrating autonomous capabilities for offshore inspections. Notably, successful trials included the autonomous landing of UAVs on the vessel, showcasing the precision and adaptability of UAVs during dynamic and challenging conditions. Multi-domain mapping using USVs highlighted the capabilities of collaborative platforms in collecting diverse data for comprehensive structural assessments.

A video capturing some of these trials was released on the social media. This video is available at <https://www.youtube.com/watch?v=iPHQ7J6Hllk>



Figure 1-1: Video of the Offshore Testbed: activities conducted by the consortium members during 2023.