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

EDP CNET and INESC TEC



Actions

	Action	Organisation	Date
Technical Manager	Requested deliverable from the Deliverable Responsible.	VTT	24.10.2023
Deliverable Responsible	Prepared draft of the deliverable.	EDP CNET	18.12.2023
Technical Manager	Approved the updated draft as the first version.	VTT	19.12.2023
Quality Manager	Approved the updated first version as the second version.	UdG	19.12.2023
Project Coordinator	Approved the updated second version as the final version and sent to the European Commission.	INESC TEC	19.12.2023

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1. Introduction

In 2023, the open call participants performed validation and demonstration activities at the Offshore Testbed of the ATLANTIS Test Centre, evaluating the capabilities of various underwater and aerial vehicles. The tests encompassed a wide range of scenarios, pushing the boundaries of autonomous technologies in maritime operations. Notably, successful trials included the visual inspection and reconstruction of underwater structures. Additionally, a visual reconstruction of the wind turbine was performed using an aerial vehicle. Lastly, a sound collection of the turbines operating was performed by a UAV to allow the detection of faults and incorrect fault detection.

A video capturing some of these trials was released on the social media. This video is available at <https://www.youtube.com/watch?v=LnApfmf4zmA>



Figure 1-1: Video of the Offshore Testbed: activities conducted by the open call participants during 2023.