



The Atlantic
Testing Platform for
Maritime Robotics

Topic	ICT-09-2019-2020 (H2020)
Acronym	ATLANTIS
Title	The Atlantic Testing Platform for Maritime Robotics: New Frontiers for Inspection and Maintenance of Offshore Energy Infrastructures.
Project number	871571
Delivery date	31.12.2023
Deliverable number	D7.4
Dissemination level	Public
Lead Beneficiary	INESC TEC

Final Dissemination strategy and report

Written by INESC TEC and VTT



Actions

	Action	Organisation	Date
Technical Manager	Requested deliverable from the deliverable Responsible.	VTT	10.11.2023
Deliverable Responsible	Prepared draft of the deliverable.	INESC TEC	12.12.2023
Technical Manager	Approved the draft as the first version.	VTT	13.12.2023
Quality Manager	Approved the final version of the document and saved to the "Final" folder.	UdG	15.12.2023
Project Coordinator	Approved the final version and sent to the EC.	INESC TEC	18.12.2023

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	6
1.1	Purpose of the Document.....	6
1.2	Key Documents	6
1.3	Structure of the Document.....	6
2	Dissemination Strategy	6
2.1	Dissemination Strategy Framework.....	7
2.1.1	Dissemination Objectives	7
2.1.2	Target audiences and key messages	8
2.2	Communication Processes.....	10
2.2.1	Communication channels per target group.....	11
2.2.2	ATLANTIS website and use of social and other media	12
2.2.3	Networking and clustering activities	13
3	Dissemination Report M1 – M48.....	13
3.1	ATLANTIS Website and Social Media	13
3.2	Scientific publications	13
3.3	Networking and Clustering Activities.....	15



List of Figures

Figure 2-1 - Major goals of the dissemination strategy.7

List of Tables

Table 2-1 Target groups and key messages for each group in ATLANTIS.8
Table 2-2. Communication channels for the target groups.11
Table 3-1. Scientific publications during M1-M48.13
Table 3-2. Summary of networking and clustering activities during M1-M48.15



Acronym	Meaning
AUV	Autonomous Underwater Vehicle
EU	European Union
EMSA	European Maritime Safety Agency
IMO	International Maritime Organization
IMR	Inspection, Maintenance and Repair
ISO	International Organization for Standardization
LCoE	Levelized Cost of Energy
O&M	Operations and Maintenance
R&D	Research and Development
R&I	Research and Innovation
SME	Small and Medium-sized Enterprises
UAV	Unmanned Aerial Vehicle



1 Introduction

1.1 Purpose of the Document

The purpose of this document is to provide an update of the strategic framework activities (previously presented in D7.2 *First Dissemination Strategy and Report* and D7.3 *Second Dissemination Strategy and Report*) for the promotion of ATLANTIS results to different audiences and to report the activities that have taken place during the project. The presented strategic framework identifies:

- The target audiences for the promotion of ATLANTIS activities and results;
- The target audience specific key messages;
- The communication channels and products for reaching the identified audiences;
- The dissemination targets.

The report evaluates the success of the dissemination and communication activities during the reporting period.

1.2 Key Documents

The following key documents provide additional information regarding dissemination and communication, and are referred to where appropriate.

- Grant agreement.
- Consortium Agreement.
- Project management manual.
- Data management manual.
- First dissemination strategy and report.
- Second dissemination strategy and report.

1.3 Structure of the Document

The first part of this document is focused on the dissemination strategy. This includes the framework with general dissemination objectives together with the identified target audiences and specific key messages, outlines the processes used to realise the dissemination objectives and specifies targets and monitoring procedures to facilitate the planning of different dissemination and communication activities, as well as any changes that were made since previous report on the dissemination strategy. The second part of this document reports the dissemination and communication activities that took place during the project and in reference to the set dissemination targets.

2 Dissemination Strategy

Work Package 7 (WP7) – Impact Analysis, Dissemination, Communication and Exploitation – coordinates the dissemination, communication and the exploitation activities of the project. The WP7 aims to:

- Communicate the project mission, progress and results.
- Disseminate results for rapidly sharing scientific information.
- Coordinate academic and industrial/business exploitation of project results.



- Evaluate the potential impact of the ATLANTIS developments within the IMR robotics and demonstration in a real offshore wind farm.
- Demonstrate robotic technology close to the market.
- Present the robotic-based IMR methodologies.
- Engage stakeholders through a market-pull and technology-push strategy. Assess the social and economic impact of the project.

2.1 Dissemination Strategy Framework

The dissemination activities to be undertaken during the project are defined based on the dissemination strategy. Here we present a strategy framework that will define the objectives of the dissemination and allow the completion of said objectives. Figure 2-1 outlines the major goals of the strategy framework proposed, in the context of the project timeline. From the beginning of the project to the end of the first year the dissemination was focused on announcing the project. On the second year the focus was the introduction of the ATLANTIS Test Centre, along with the presentation of industry-oriented showcases, as well as the dissemination of the project through connections with other projects and international initiatives. The third year continued this work with the addition of engaging the stakeholders and demonstrating the showcases - along with the validation of robotic technology developed in the project. In the fourth year, the dissemination activities continued in the same line, with stakeholder engagement, demonstration of the showcases and validation of robotic technology.

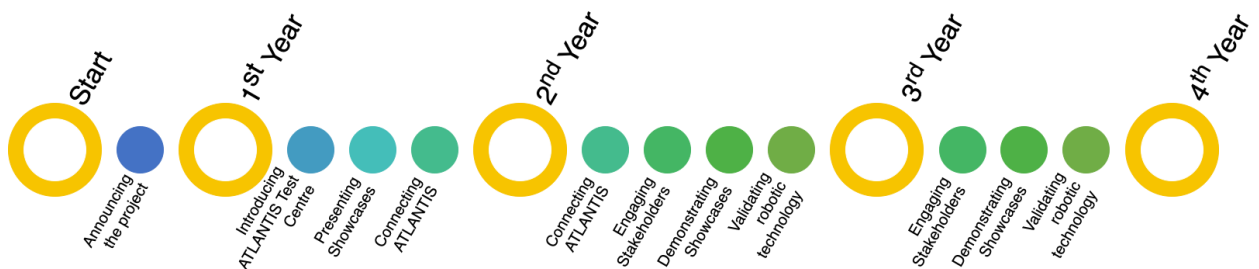


Figure 2-1 - Major goals of the dissemination strategy.

2.1.1 Dissemination Objectives

During the second half of the third year and the fourth year, the focus of the dissemination strategy has been in engaging stakeholders, demonstration of the showcases and validation of the robotic technology developed in the project.

As a result of this, the objectives of the dissemination activities have been as follows:

1. To raise awareness within different target communities about the activities and results;
2. To demonstrate the project concept to key stakeholders at a European level. The primary avenue will be conferences, international fairs, exhibitions, and Business to business demonstrations in the ATLANTIS Test Centre;
3. To manage the production of publications, in order to attain maximum effectiveness and respecting confidentiality conditions as well as the exploitation agreements and strategies of the consortium;



4. To pave the way for the exploitation of the project results. In particular, it will be crucial to attract the regulatory (IMO, ISO) and offshore wind energy industry to the ATLANTIS approach

The main communication points for the project are:

- The importance of the objectives that are being addressed;
- The approaches and methods that are being used;
- The expected benefits to both stakeholders and society as a whole

The purpose of the dissemination strategy is also to ensure that the ATLANTIS research and practical outcomes are communicated to appropriate target communities at appropriate times via appropriate methods, and by those who can contribute to development and exploitation of the project outcomes. The partners will use their industrial partnerships, standardization activities and long-standing experience in EU-funded projects towards this aim. The dissemination and communication management consists of a) framework, b) processes and c) plans.

2.1.2 Target audiences and key messages

Table 2-1 summarizes the identified dissemination target groups and corresponding key messages. The dissemination activities have focused on these target groups identified at the beginning of the project.

Table 2-1 Target groups and key messages for each group in ATLANTIS.

Target group	Identified communities in the group	Key message for group
Government authorities	Municipalities Chamber of commerce	ATLANTIS Test Centre attracts European SME and start-up companies. ATLANTIS Test Centre supports the adoption of renewable energy that reduces the carbon footprint of municipalities. ATLANTIS Test Centre promotes the municipality of Viana do Castelo as a technological cluster.
International/ European initiatives about I&M robotics	RIMA, ORCAHub, HomeOffshore, EuroRobotics PPP	ATLANTIS Test Centre provides an ecosystem for European SME and start-up companies in robotics. ATLANTIS Test Centre complements the EU initiatives by providing resources required to validate robotic platforms for renewable energy production
International networks on renewable energy	European Energy Network, WindEnergy	ATLANTIS demonstrates cost savings and increase in efficiency and safety in IMR activities in real environment conditions
Maritime training sector	International Association of Maritime Universities	ATLANTIS Test Centre it is a perfect base for providing training in maritime technologies, especially marine robotics, thanks to its ability to combine theoretical training (lectures) with hands-



Target group	Identified communities in the group	Key message for group
		on demos, in realistic scenarios by using the actual equipment.
End customer organizations	International Maritime Pilots Association	ATLANTIS Test Centre is an ideal test bed for new technologies that can be applied to offshore wind farm parks. The user is able to demonstrate and test new technologies in a simulated environment with real conditions.
National authorities	Maritime Administrations, Coast-guard agencies	ATLANTIS Test Centre fosters the blue economy by presenting new technology that will be embraced by the industry operating at sea. National authorities need to follow these developments in a direct manner. The dual-use of robotic technology can be verified in ATLANTIS Test Centre.
Industry and SMEs in robotics	Automation system suppliers Hardware and software developers AUV and UAV developers Robotics suppliers Connectivity technology companies	ATLANTIS is an ideal test bed for new technologies that can be applied to offshore wind farms inspection. SMEs will be able to demonstrate technologies in a simulated environment with real conditions (in shore). The project shall open an opportunity for standardization of robotized inspection.
Industry and SMEs in offshore wind energy	Service providers for O&M	ATLANTIS Test Centre will be testing new robotic solutions designed to increase productivity and efficiency of the offshore Inspection and Maintenance activities to the global offshore industry.
International regulatory bodies	EMSA, IMO, ISO, Classification Societies	Autonomous robots inspections and O&M are still in an early phase of development and their usage has to be regulated and certified properly: ATLANTIS will develop guidelines to foster the definition of proper certified and robust procedures for this kind of activities to increase productivity and efficiency of the offshore Inspection and Maintenance activities to the global offshore industry (with a specific focus on offshore renewables)
Scientific communities in robotics	Researchers in the fields of maritime robotics	ATLANTIS Test Centre is a perfect test bed for the validation of scientific research in realistic conditions. This opens opportunities for faster transfer of innovation to the industry, connecting universities and companies and generally making the research developments better aligned with actual operations, more realistic to implement and more robust.



Target group	Identified communities in the group	Key message for group
Scientific communities in renewable energy	Researchers in the fields of offshore wind energy	<p>ATLANTIS Test Centre endows the offshore wind energy R&D community with the perfect conditions to test and improve new disruptive IMR technologies, thus creating solutions for overall O&M cost reductions and LCoE increase.</p> <p>ATLANTIS Test Centre is a perfect place to validate new concepts without requiring the downtime of offshore wind turbines.</p> <p>ATLANTIS project shows the traversal integration of robotic platforms across the entire O&M value chain.</p> <p>Development of operational planning and data mining tools to support decision making for the predictive maintenance and usage of maintenance equipment</p>
Wider society	EU citizens	<p>By supporting the adoption of robotic-based solutions to offshore wind production sector, ATLANTIS reduces the need for non-renewable energy resources, promotes the extension of offshore wind energy further away from coast and increases the cost-competitiveness of offshore wind energy for the consumer.</p> <p>ATLANTIS project promotes robotics in society with the goal to save lives in dangerous offshore activities and to promote a seamless integration of the offshore industry and the environment.</p>

2.2 Communication Processes

The described communication processes provide frameworks for external communication, dissemination, and networking activities. External communication activities include continuous update of the project website and social media, scheduling of publications, conference, and fair attendance, and planning of workshops and other stakeholder events. Communication channels per target group, website and social media as well as networking and clustering activities are shortly described here. Dissemination materials are described in *D7.2 First Dissemination Strategy and Report*. Used scientific communication channels are reported in Section 3 of this report. Dissemination targets are shown together with the reported achievements for M31-M48 in Section 3 as well. During this final period of the project, where the demonstrations and technology validations started at the Test Centre, the real time engagement of stakeholders through the various dissemination channels (website, social media, and networking) has been crucial.



2.2.1 Communication channels per target group

The used dissemination and communication channels per target group are summarized in Table 2-2.

Table 2-2. Communication channels for the target groups.

Target group	Identified communities in the group	Dissemination and communication channels		
		Media	Scientific platforms	Other networking
Government authorities	Municipalities Chamber of commerce	Local press, TV, Twitter		Inauguration event B2B workshops
International/European initiatives about I&M robotics	RIMA, ORCAHub, HomeOffshore, EuroRobotics PPP	LinkedIn	Conference presentations	Seminars
International networks on renewable energy	European Energy Network, WindEnergy		Conference presentations	
Maritime training sector	International Association of Maritime Universities	LinkedIn		Seminars
End customer organizations	<i>International Maritime Pilots Association</i>	LinkedIn		
National authorities	Maritime Administrations, Coast-guard agencies	LinkedIn		Seminars arranged by the agencies and Administrations
Industry and SMEs in robotics	Automation system suppliers Hardware and software developers AUV and UAV developers Robotics suppliers Connectivity technology companies	Press release to professional magazines, LinkedIn		Fairs and Seminars
Industry and SMEs in offshore wind energy	Service providers for O&M	Press release to professional magazines, LinkedIn		Fairs
International regulatory bodies	EMSA, IMO, ISO		Conference presentations	
Scientific communities in robotics	Researchers in the fields of maritime robotics	LinkedIn	Scientific papers,	



Target group	Identified communities in the group	Dissemination and communication channels		
		Media	Scientific platforms	Other networking
			Scientific conferences	
Scientific communities in renewable energy	Researchers in the fields of offshore wind energy	LinkedIn	Scientific papers, Scientific conferences	
Wider society	EU citizens	Press releases, videos on YouTube, Twitter		

2.2.2 ATLANTIS website and use of social and other media

The ATLANTIS website (<https://www.atlantis-h2020.eu/>) provides a public showcase on the project aims and contents, developments and achievements. The site is maintained and updated regularly, at least on a monthly basis, and will be active for at least 3 years after the end of the project. The website contains the following pages in addition to the introductory home page:

- Project: General information about the project, including project objectives;
- ATLANTIS Test Centre: Information about the ATLANTIS Test Centre;
- Results: Project results including publications, press releases, deliverables and other material;
- Gallery: Videos and picture of the demonstrations and testing of the autonomous/robotic systems;
- News: Events, other news and social media feed, including blog posts on past events and milestones;
- Contact: Partner descriptions and project contact information.
- Open Call: information and an invite to participate in the open call together with the application form

Social media activity in ATLANTIS project includes Twitter (@AtlantisH2020, <https://twitter.com/AtlantisH2020>), LinkedIn (<https://www.linkedin.com/company/atlantis-h2020-project/>) and YouTube (<https://www.youtube.com/channel/UC8jpOijRfK2Xf3pZK6rsFoA>). The ATLANTIS YouTube channel hosts the ATLANTIS Test Center and other videos, whereas LinkedIn will promote the project through blog posts on project results and shorter stories with links to events and videos. The YouTube channel is updated based on availability of new videos and is thus mainly dependent on the progress of the developments related to the ATLANTIS Test Centre. LinkedIn will be updated at least on a monthly basis. Twitter shares updates on all events where ATLANTIS is present and links information from the other social media channels and the project website. The Twitter account is managed at least on a weekly basis.



The website and social media are managed by VTT but access to the social media accounts are available to all partners upon request. VTT and INESC TEC have website editing access rights.

Other relevant media channels for dissemination of project mission, progress and results include, e.g. newspapers and R&D focused journals. These media channels are managed through videos, press releases and blog posts.

2.2.3 Networking and clustering activities

Networking with European stakeholders and associations

Among dissemination and communication activities, a relevant aspect is to create synergies with relevant EU Stakeholders and associations (i.e. WINDEUROPE, Spring Robotics) to facilitate project outcomes. VTT, INESC TEC, RINA-C and the partners will identify key EU events with key stakeholders, where to present ATLANTIS results and where to foster the engagement of stakeholders to project activities (i.e. Training, testing of further robotics in Viana do Castelo Platform etc.).

Linking ATLANTIS with international R&I activities

Among dissemination and communication activities, a relevant aspect is to create synergies with EU funded “sister’s projects”: projects that are focused in similar R&D topics. The idea of this activity will be to create a mutual benefit environment that can facilitate stakeholder’s engagement, knowledge exchange, beneficial policy and regulatory promotion etc.

In this sense, the presence of RINA-C, EDP CNET, VTT, INESC TEC who are widely active in the H2020 framework, can guarantee an interaction also with relevant EU associations (WINDEUROPE, EWEA, ENTSO-E, EURELECTRIC, etc.) and initiatives (ETIP-SNET, BRIDGE, etc.), as well as can facilitate the participation to relevant EU events (i.e. EUSEW, Wind Operations Europe, WindEurope Offshore, Sprint Robotics etc.).

3 Dissemination Report M1 – M48

This section summarizes the dissemination work done during the project and discusses the dissemination achievements with respect to the targets set at the beginning of the project. This includes scientific, professional and popularized articles, presence in key networking events and other engagement activities.

3.1 ATLANTIS Website and Social Media

In addition to providing general information on the project and the partners, the showcases, current results in terms of deliverables and publications and videos are shared through the website. The website has also been used as a platform for the ATLANTIS Open Call for SME's and other institutions to apply for testing time at the ATLANTIS Test Centre. Past and upcoming events are also listed at the website, but the main forum for these updates have been the social media channels.

3.2 Scientific publications

Table 3-1 lists scientific publications published and submitted during the project. The publications present results from robotic technology development.

Table 3-1. Scientific publications during M1-M48.



Dissemination activity	Evaluation criteria and monitoring activities	Dissemination target (whole project)	Activities during M1 – M48
<p>Publication of technical achievements through selected scientific journals</p>	<p>Number of peer-reviewed publications</p>	<p>6 academic journal articles</p>	<p>A total of 15 scientific journal articles published</p> <ol style="list-style-type: none"> 1. A Practical Survey on Visual Odometry for Autonomous Driving in Challenging Scenarios and Conditions 2. Advancing Autonomous Surface Vehicles: a 3D Perception System for the Recognition and Assessment of Docking-Based Structures 3. An Inverse Kinematics Approach for the Analysis and Active Control of a Four-UPR Motion-Compensated Platform for UAV–ASV Cooperation 4. Application of a Design for Excellence Methodology for a Wireless Charger Housing in Underwater Environments 5. ArTuga: A novel multimodal fiducial marker for aerial robotics 6. Decoding Reinforcement Learning for Newcomers 7. Docking of Non-Holonomic AUVs in Presence of Ocean Currents: A Comparative Survey 8. End-to-End Detection of a Landing Platform for Offshore UAVs Based on a Multimodal Early Fusion Approach 9. Energy Efficient Path Planning for 3D Aerial Inspections 10. Fusing heterogeneous tri-dimensional information for reconstructing submerged structures in harsh sub-sea environments 11. Linewise Non-Rigid Point Cloud Registration 12. Modular Multi-Domain Aware Autonomous Surface Vehicle for Inspection 13. Multi-criteria metric to evaluate motion planners for underwater intervention 14. Underwater 3D scanner model using a biaxial MEMS mirror 15. Underwater 3D Scanner to Counteract Refraction: Calibration and Experimental Results <p>2 scientific journal articles under review</p> <ol style="list-style-type: none"> 1. Compliant manipulation with quasi-rigid docking for underwater structure inspection 2. Sparus Docking Station: A Current Aware Docking Station For a Non-holonomic AUV



			<p>6 published conference articles</p> <ol style="list-style-type: none"> 1. Artificial Intelligence for Automated Marine Growth Segmentation 2. ATLANTIS - The Atlantic Testing Platform for Maritime Robotics 3. ATLANTIS Coastal Testbed: A near-real playground for the testing and validation of robotics for O&M 4. Enhancing Underwater Inspection Capabilities: a Learning-based Approach for Automated Pipeline Visibility Assessment 5. NEREON - An Underwater Dataset for Monocular Depth Estimation 6. Shore Control Centre for Multi-Domain Heterogeneous Robotic Vehicles <p>1 submitted conference article</p> <ol style="list-style-type: none"> 1. Digital Twin for Floating Offshore Wind Foundations Operation and Maintenance Management, submitted to OCEANS2024 <p>1 published book chapter</p> <ol style="list-style-type: none"> 1. Development of Components for Autonomous Underwater Vehicles by Design for Excellence Concepts <p>1 submitted book chapter</p> <ol style="list-style-type: none"> 1. ATLANTIS – Promoting the use of Robotics in the Inspection and Maintenance of Offshore Wind, submitted to Robotics and Automation Solutions for Inspection and Maintenance in Critical Infrastructures
--	--	--	--

3.3 Networking and Clustering Activities

Table 3-2 summarizes the networking and clustering activities during the project.

Table 3-2. Summary of networking and clustering activities during M1-M48.

Dissemination activity	Evaluation criteria and monitoring activities	Dissemination target (whole project)	Activities during M1 – M48
Presence at key events including conferences, exhibitions and fairs, meetings,	Number of presentations, posters and keynote	3 international fairs presenting the ATLANTIS Test Center	Exhibitions with ATLANTIS stand <ol style="list-style-type: none"> 1. WindEurope Electric City 2021 2. Sprint Robotics World Conference for INSPECTION & MAINTENANCE ROBOTICS



<p>workshops, symposia etc.</p>	<p>speeches in key events</p>	<p>Sustainable energy oriented fairs and exhibitions e.g. EUSEW, ECO MONDO, ASME TurboExpo etc. Marine sector oriented conferences, fairs and exhibitions e.g. OCEANS etc.</p>	<p>Participation to a Conference</p> <ol style="list-style-type: none"> 1. IBN Offshore Energy Seminar 2020 2. European Robotics Forum 2020 3. 5th Annual offshore wind operations and maintenance forum in 2020 4. Belgian Offshore Days 2021 5. Jornada sobre drones en el sector naval y offshore 6. EXCELLENCE IN WIND TURBINE LIFE-CYCLE MANAGEMENT 7. Floating Wind Solutions 8. EMRA2021 9. Jornada CEA - Automar 10. OCEANS 2021, Porto 11. Belgian Offshore Days 2022 12. WindEurope Annual Event 2022 13. 2nd Annual Excellence in Wind Turbine Life-Cycle Management Forum 14. ROBOT2022 - Fifth Iberian Robotics Conference 15. WindEurope Annual Event 2023 16. OCEANS 2023 17. ROBOT2023 - Sixth Iberian Robotics Conference <p>Participation to a Workshop</p> <ol style="list-style-type: none"> 1. Workshop organised by Municipality of Viana do Castelo 2. European Academy of Wind Energy, PhD seminar 2020 3. SPRINT Robotics, the seminar “Focus on Clean Energy: The Impact of Robotics for I&M” 4. SPRINT Robotics and RIMA Seminar: Wind Energy and I&M Robotics - Discover the latest trends 5. MARTECH 2023 <p>Participation in activities organised jointly with other EU project(s)</p> <ol style="list-style-type: none"> 1. PILOTING project workshop <p>Participation to an Event other than a Conference or a Workshop</p> <ol style="list-style-type: none"> 1. Several meetings with the Municipality of Viana do Castelo 2. Windpower Data and Digital Innovation Forum 2021
--	-------------------------------	--	---



			<ol style="list-style-type: none"> 3. Sprint Robotics Focus on clean energy: The impact of Robotics in I&M 4. LEADVENT – 20th OFFSHORE WIND OPERATIONS & MAINTENANCE FORUM 5. Sprint Robotics North American Regional Chapter meeting 6. Sprint Robotics webinar May 2023 7. IEEE 9th WF-IoT 2023
Individual presentations and /or discussions with major public and private stakeholders and round tables	Feedback from relevant target user groups	6 product briefings relating to the specific robotic-based solutions and services to be enhanced	<p>Organisation of a Workshop</p> <ol style="list-style-type: none"> 1. R&D Session powered by EDP NEW, focused on Robotics for Renewable Energy 2. O&M Internal Workshop with Windplus (WFA owner) 3. Test Center OpenDay for stakeholders 4. ATLANTIS Results End-user workshop
Publication of technical achievements through articles in professional journals	Number of professional journal articles	4 feature articles (showcases, scenarios, key performance measures)	<p>Professional publications</p> <ol style="list-style-type: none"> 1. S. Langiano, C. Verrecchia, M. Marques, J. Formiga, “ATLANTIS: Shaping future robotized O&M in offshore wind“, in Hydrolink, vol. 3, 2021. 2. Overcoming rough seas hurdle in offshore wind farm maintenance, In Cordis EU Research Results 3. Offshore wind farms move ahead full sail with underwater help, in Horizon Magazine 4. Robotic Technology is Reducing the Price of Offshore Wind Power, in Environment and Energy Leader 5. ABB New OCTOPUS Operational Planner for Increased Uptime and Safety, in Maritime Executive
Presence in R&D focused media	<p>Presence in R&D focused media including number of videos, blog posts and press releases</p> <p>Website and social media statistics</p>	<p>8 press releases covering the demonstrations in WP5</p> <p>Around 23 articles in the press and online media</p>	<p>Press releases</p> <ol style="list-style-type: none"> 1. INESC TEC leads the first European centre to test robots at offshore wind farms. 2. ABB’s OCTOPUS software to uncover savings for offshore wind farms as part of EU project ATLANTIS 3. ABB’s OCTOPUS software finds smart way to increase wind vessel uptime by 35 percent 4. ABB Ability™ OCTOPUS widens operating window for wind farm development 5. INESC TEC supports tests of robotic technologies for the inspection of offshore infrastructures



			<p>6. Portuguese team successfully tests autonomous robots to inspect floating offshore wind farms</p> <p>7. Open Call Results</p> <p>Social Media articles and posts</p> <ol style="list-style-type: none"> 1. Offshore Windfarm Inspections using UAV's, by Dronivo GmbH in LinkedIn 2. LinkedIn posts on ATLANTIS, estimated number around 80 <p>ATLANTIS videos shared in events and social media</p> <ol style="list-style-type: none"> 1. Atlantis Project Introduction 2. ATLANTIS – H2020 Project at #ERF2020 3. ATLANTIS - presenting the Test center 4. ATLANTIS - Scenario 1 - Inspection of floating windmill blades and tower using robotics 5. ATLANTIS - Scenario 2 - IMR of the transition piece of a floating structure 6. ATLANTIS - presenting the Atlantic Testing Platform for Maritime Robotics 7. ATLANTIS - Scenario 8 - Optimization of robotic-based operations 8. ATLANTIS - Scenario 7 - O&M operations supported by crewless vessels 9. ATLANTIS Test Centre - Open Call 2023 10. ATLANTIS - Scenario 6 - Underwater monitoring of scour protection interventions 11. ATLANTIS – Scenario 3 – Repair of underwater floating wind turbine cables protection systems 12. ATLANTIS – Scenario 4 – Underwater monitoring over extended time periods 13. ATLANTIS – Scenario 5 – Underwater close-range inspection of foundations 14. ATLANTIS - Demonstrations of robotic operations at the Coastal Testbed 1 15. ATLANTIS - Demonstrations of robotic operations at the Coastal Testbed 2 16. ATLANTIS - Demonstrations of robotic operations at the Offshore Testbed 1 17. ATLANTIS - Demonstrations of robotic operations at the Offshore Testbed 2 18. ATLANTIS - Demonstrations of robotic operations at the Offshore Testbed 3
--	--	--	---



Presence in general media	Number of articles Website and social media statistics		Articles in general media 1. Ao largo de Viana do Castelo, parques eólicos offshore aceleram com ajuda de robôs subaquáticos, in Dinheiro Vivo
University dissemination channels, including PhD students	Number of thesis works	One Ph.D. thesis	2 PhD thesis at final stage (expected date 2T of 2024) 8 PhD thesis (expected date 1T of 2025)

