



The Atlantic
Testing Platform for
Maritime Robotics

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First Dissemination strategy and report

Written by VTT and INESC TEC



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List of acronyms

Acronym	Meaning
AUV	Autonomous Underwater Vehicle
B2B	Business-to-business
EMSA	European Maritime Safety Agency
EMRA	Marine Robotics and Applications
ERF	European Robotics Forum
EUSEW	EU Sustainable Energy Week
IAMU	International Association of Maritime Universities
ICRA	International Conference on Robotics and Automation (IEEE)
IEEE	Institute of Electrical and Electronics Engineers
IFAC	International Federation of Automatic Control
IMO	International Maritime Organisation
IMR	Inspection, Maintenance and Repair
IROS	International Conference on Intelligent Robots and Systems
ISO	International Standards Organisation
KOM	Kick-Off Meeting
LCoE	Levelized Cost of Energy
O&M	Operations & Maintenance
PPP	Public-Private Partnership
R&D	Research and Development
SME	Small and Medium Enterprises
UAV	Unmanned Aerial Vehicle



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1 Introduction

1.1 Purpose of the document

The purpose of this document is to provide a strategic framework for the promotion of ATLANTIS activities and results to different audiences and to report these activities. The 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. This document presents the first dissemination strategy and report covering the first year of the project. The following dissemination strategy and reports will be delivered at M24 and M36 with an updated dissemination strategy.

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.

1.3 Structure of the document

The first part outlines the dissemination strategy and the second part gives the first dissemination and communication report for M1-M12. This document provides 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.

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 1 outlines the major goals of the strategy framework proposed, in the context of the project timeline. The project announcement starts with the beginning of the project. The ATLANTIS Test Centre will be introduced at the beginning of the second year of the project, along with the presentation of industry-oriented showcases. Additionally, dissemination of the project through connections with other projects and international initiatives will take place. Upon completion of the second year, dissemination activities with the purpose of engaging the stakeholders will take place. The previously presented showcases will be demonstrated, along with the validation of robotic technology developed for the project.

While the goals for the dissemination strategy were defined taking into account the timings of the developments of the project, external factors can impact the planning of activities related to the dissemination. In particular the current COVID-19 pandemic can strongly limit the planning and realisation of dissemination activities. Additionally, even when dissemination activities are able to take place, limitations, either in terms of restricted attendance or type of event, can be in place, potentially restricting the effectiveness of the dissemination. Lastly, businesses and institutions were significantly affected by the pandemic, which can cause delays in the project. These potential delays can translate into delays in reaching the dissemination goals, and pose additional challenges to the planning of the dissemination activities.

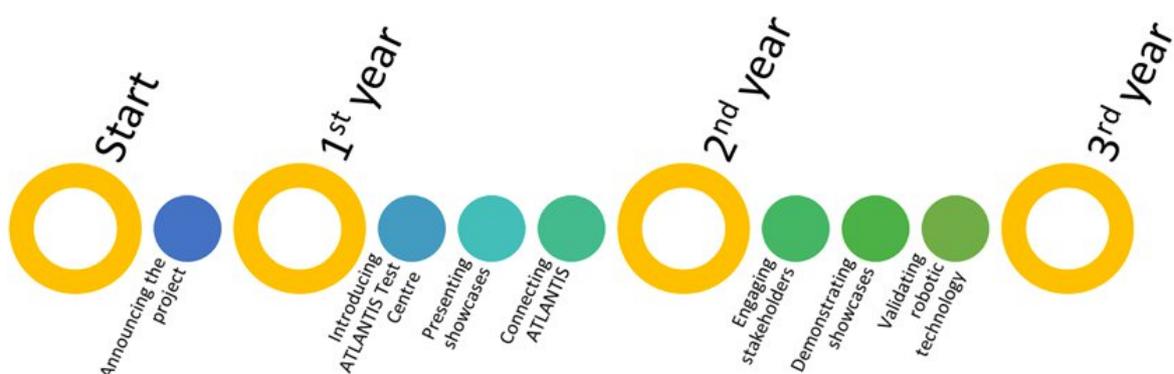


Figure 1 - Major goals of the dissemination strategy



2.1.1 Dissemination objectives

The dissemination strategy presented here brings together the current knowledge of target audiences and networks, key messages to these communities, and dissemination success monitoring activities. It will be reviewed and refined regularly.

The objectives of the dissemination tasks are 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.

Main communication points from the beginning of the project are:

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

The purpose of the dissemination strategy is 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

The currently identified dissemination **target groups and corresponding key messages** are summarized in Table 1. The aim is to raise awareness within different target communities about the activities and results of the project. This table is updated with new dissemination groups when needed.

Table 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.



Target group	Identified communities in the group	Key message for group
		<p>ATLANTIS Test Centre supports the adoption of renewable energy that reduces the carbon footprint of municipalities.</p> <p>ATLANTIS Test Centre promotes the municipality of Viana do Castelo as a technological cluster.</p>
International/ European initiatives about I&M robotics	RIMA, ORCAHub, HomeOffshore, EuroRobotics PPP	<p>ATLANTIS Test Centre provides an ecosystem for European SME and start-up companies in robotics.</p> <p>ATLANTIS Test Centre complements the EU initiatives by providing resources required to validate robotic platforms for renewable energy production</p>
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 (IAMU)	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-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	<p>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.</p> <p>The dual-use of robotic technology can be verified in ATLANTIS Test Centre.</p>
Industry and SMEs in robotics	Automation system suppliers Hardware and software developers AUV and UAV developers Robotics suppliers Connectivity technology companies	<p>ATLANTIS is an ideal test bed for new technologies that can be applied to offshore wind farms inspection.</p> <p>SMEs will be able to demonstrate technologies in a simulated environment with real conditions (in shore).</p> <p>The project shall open an opportunity for standardization of robotized inspection.</p>
Industry and	Service providers for O&M	ATLANTIS Test Centre will be testing new robotic



Target group	Identified communities in the group	Key message for group
SMEs in offshore wind energy		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.
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	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



Target group	Identified communities in the group	Key message for group
		energy for the consumer. 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.

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.

2.2.1 Dissemination material and templates

Dissemination material that has been designed for the project are:

- logo (see Figure 2),
- presentation template (see Figure 3),
- deliverable template (this report is an example of that),
- banner (see Figure 4),
- promotional video (one introductory video produced, there are more to come).

Below you can see snapshots of these elements.



Figure 2 - Project logo



Figure 3 - Power point template (master slides)



Figure 4 - Atlantis banner

The promotional video is accessible from the project web page and on the YouTube channel:

- Promotional video: <https://www.youtube.com/watch?reload=9&v=DfYIJOLKog>
- Project website: <https://www.atlantis-h2020.eu>

2.2.2 Communication channels per target group

The currently identified dissemination target groups together with appropriate dissemination channels are summarized in Table 2.

Table 2. Communication channels for each identified target group.

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 (IAMU)	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	Press release to professional		Fairs and Seminars

Target group	Identified communities in the group	Dissemination and communication channels		
		Media	Scientific platforms	Other networking
	software developers AUV and UAV developers Robotics suppliers Connectivity technology companies	magazines, LinkedIn		
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, 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		

2.2.3 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.

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/UC8jpOjJRFK2Xf3pZK6rsFoA>). The ATLANTIS YouTube channel will host 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 will be managed through videos, press releases and blog posts.

2.2.4 Scientific conferences and journal publications

Potential **conferences and fairs** for participation include,

- Conferences: Oceans, Underwater Intervention, ICRA, IROS, IFAC, EMRA, EUSEW, ECO MONDO and ASME TurboExpo;
- Fairs: Oceanology international and Ocean business.

Potential **journals** for publishing include:

- Classic Journals: Journal of field robotics, IEEE Transaction on Mechatronics, IEEE Journal on Oceanic Engineering, Elsevier Journal on Ocean Engineering, Autonomous Robotics, IEEE Robotics and Automation Magazine, Robotics and Autonomous Systems; and,
- Open access: Coastal engineering, Ocean engineering, Journal of atmospheric and oceanic technology, IEEE journal of oceanic engineering, Applied ocean research, Journal of waterway port coastal and ocean engineering and Coastal engineering journal.
- Open access publishing should be chosen where possible. The Commission is preparing the launch of Open Research Europe, the European Commission scientific publishing service, planned to be launched early 2021. This will be used when applicable. Further details are given in the Data management manual.

To ensure access to public project results beyond the ATLANTIS web presence, a set of selected deliverables can be uploaded to ResearchGate. This ensures that they are indexed and available in the



relevant search engines and databases and are easier to access for the broader public. Data management manual provides also further details regarding open access data.

2.2.5 Networking and clustering activities

Networking with European stakeholders and associations

Among dissemination and communication activities, a relevant aspect will be to create synergies with relevant EU Stakeholders and associations (i.e. WINDEUROPE) to facilitate project outcomes widespread. In this sense VTT, INESC TEC and RINA-C will identify key stakeholders and key EU events 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.).

To do so RINA-C, VTT, INESC TEC will collect relevant contacts from all partner to build up a “*Stakeholder Rubrica*” to be activated/engaged in project activities to collect their insights. Such stakeholders will be then invited to relevant project events and constantly updated/informed (via press releases and dedicated mailing lists) about the project updates.

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, etc.).

2.3 Dissemination planning, evaluation criteria and monitoring

The **evaluation criteria for dissemination success and the corresponding dissemination targets** for the different dissemination activities are summarized in Table 3. This table will be updated where necessary as the project progresses.

Table 3. Potential activities for disseminating ATLANTIS.

Dissemination activity	Evaluation criteria and monitoring activities	Dissemination target
Presence at key events including conferences, exhibitions and fairs, meetings, workshops, symposia etc.	Number of presentations, posters and keynote speeches in key events	3 international fairs presenting the ATLANTIS Test Centre 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.



Dissemination activity	Evaluation criteria and monitoring activities	Dissemination target
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
Publication of technical achievements through selected scientific journals	Number of peer-reviewed publications	6 academic journal articles
Publication of technical achievements through articles in professional journals	Number of professional journal articles	4 feature articles (showcases, scenarios, key performance measures)
Presence in R&D focused media	Presence in R&D focused media including number of videos, blog posts and press releases Website and social media statistics	8 press releases covering the demonstrations Around 23 articles in the press and online media
Presence in general media	Number of articles Website and social media statistics	
University dissemination channels, including PhD students	Number of thesis works	One Ph.D. thesis

3 Dissemination report M1-M12

3.1 ATLANTIS website and use of social and other media

Regarding the communication objectives in task 7.3, the ATLANTIS website has been established (<https://www.atlantis-h2020.eu/>) by VTT with preliminary information of the project and partners.

Kick-Off Meeting Press Conference. Together with the ATLANTIS Kick-Off Meeting a press conference was organized successfully and several news articles were published from the conference. News from this KOM of the ATLANTIS generated eight articles in major newspapers and twelve other news related sources (see Appendix A).

Stakeholders engagement (the Municipality of Viana do Castelo). Three other news articles, along with an interview from the Mayor referring to the project, were produced.

News about technical work packages. More than 24 news articles were published referring ATLANTIS project.

3.2 Scientific conferences and journal publications

No scientific conference or journal publications yet.



3.3 Networking and clustering activities

Reduced networking activities due to Covid-19

Large majority of events, conferences, workshops were postponed or cancel due to travel restrictions. The website of the project is online and the dissemination is being done through social media platforms like LinkedIn.

The table below summarizes the planned events and events that were under preparation for the reporting period. INESC TEC participated in the ERF2020 conference in March 2020 and promoted the project. Three other events were planned or under preparation but were cancelled or postponed due to Covid-19 pandemic. This includes EMRA2020, where ATLANTIS was one of the sponsors of the event. Participation in a workshop to connect ATLANTIS to other EU initiatives is under preparation. The press conference held at the Kick-Off Meeting is described separately in the following section.

Table 4. Events during 2020.

Event	Time	Short description of event	ATLANTIS participants	ATLANTIS contribution	Status
IBN Offshore Energy Seminar	02/2020	Presentation on the state of the art of floating and airborne wind energy	SpaceApps	Speaker, ATLANTIS promoted, presentation + promotional video shown	SpaceApps participated
ERF2020	03/2020	European Robotics Forum 2020 with theme Future Robotics: Unlocking Human Potential	INESC TEC	Speaker, ATLANTIS promoted	INESC TEC participated
Offshore wind O&M 2020	12/2020	5th Annual offshore wind operations and maintenance forum	PPF	Speaker, ATLANTIS promoted	PPF participated
EMRA2020	06/2020	Workshop on EU-funded Marine Robotics and Applications	INESC TEC	Sponsor	Cancelled/ Postponed
PILOTING workshop	06/2020	PILOTING is a H2020 project on the adaptation, integration, and demonstration of robotic solutions in three large-scale pilots: refineries, bridges/viaducts and tunnels	INESC TEC	Connecting the ATLANTIS to other EU initiatives	INESC TEC participated



3.3.1 Summary of dissemination activities during M1-M12

Table 4.summary of events for 2020

Dissemination activity	Evaluation criteria and monitoring activities	Dissemination target (whole project)	Activities in 2020
Presence at key events including conferences, exhibitions and fairs, meetings, workshops, symposia etc.	Number of presentations, posters and keynote speeches in key events	<p>3 international fairs presenting the ATLANTIS Test Center</p> <p>Sustainable energy oriented fairs and exhibitions e.g. EUSEW, ECO MONDO, ASME TurboExpo etc.</p> <p>Marine sector oriented conferences, fairs and exhibitions e.g. OCEANS etc.</p>	<p>Conferences:</p> <ul style="list-style-type: none"> – ERF2020, March, presentation [INESC TEC], – Offshore wind O&M 2020, December, presentation [PPF] <p>Workshops:</p> <ul style="list-style-type: none"> – PILOTING workshop, June, [INESC TEC] – European Academy of Wind Energy, PhD seminar, December 2020 https://phd2020.eawe.eu/, [PPF]
Individual presentations and /or discussions with major public and private	Feedback from relevant target user	6 product briefings relating to the specific robotic-based solutions and	Workshop “Energias Renováveis Marítimas e Robótica”, organized by Municipality of Viana do Castelo, October [INESC TEC]

Dissemination activity	Evaluation criteria and monitoring activities	Dissemination target (whole project)	Activities in 2020
stakeholders and round tables	groups	services to be enhanced	
Publication of technical achievements through selected scientific journals	Number of peer-reviewed publications	6 academic journal articles	No article yet
Publication of technical achievements through articles in professional journals	Number of professional journal articles	4 feature articles (showcases, scenarios, key performance measures)	No article yet
Presence in R&D focused media	Presence in R&D focused media including number of videos, blog posts and press releases Website and social media statistics	8 press releases covering the demonstrations in WP5 Around 23 articles in the press and online media	1 press release by ABB. By 25 November 2020, the Press release generated 24 articles in different media. Typical headline: "ABB's OCTOPUS software to uncover savings for offshore wind farms as part of EU project ATLANTIS"
Presence in general media	Number of articles Website and social media statistics		1 press release about the Kick-off meeting. Generated 20 articles. Social media statistics are not yet applicable to the web pages and YouTube channels.
University dissemination channels, including PhD students	Number of thesis works	One Ph.D. thesis	UdG has one student engaged with the focus on Docking systems algorithms INESC TEC has two students with the focus on underwater imaging and



Dissemination activity	Evaluation criteria and monitoring activities	Dissemination target (whole project)	Activities in 2020
			landing & take-off of drones from moving platforms.

4 Dissemination plan for M13 - M24

The plan for year 2021 is summarized in Table 4. Because of the COVID-19 situation, the plans are preliminary, and will be revised when the situation is clearer as a consequence of successful vaccination campaigns. The strategy of the research partners is rather to publish more as journal papers than to participate in (virtual) conferences.

4.1 Other Dissemination & exploitation activities

Several stakeholder meetings will be arranged with the Municipality of Viana do Castelo in 2021.

4.2 Dissemination activities

The dissemination activities will increase as the project advances and the Test Centre is being built.

Table 4. Planned events for 2021.

Dissemination activity	Evaluation criteria and monitoring activities	Dissemination target (whole project)	Target for M13 - M24
Presence at key events including conferences, exhibitions and fairs, meetings, workshops, symposia etc.	Number of presentations, posters and keynote speeches in key events	3 international fairs presenting the ATLANTIS Test Center Sustainable energy oriented fairs and exhibitions e.g. EUSEW,	<ul style="list-style-type: none"> – OCEANS 2021 May 2021, Porto (virtual), [INESC TEC, UdG] – Ocean Business , July 2021, Southampton, [IQUA] – IROS 2021, Sept, Prague, [INESC TEC] – Belgian Offshore Days (17 & 18 March 2021) , SpaceApps will join



Dissemination activity	Evaluation criteria and monitoring activities	Dissemination target (whole project)	Target for M13 - M24
		ECO MONDO, ASME TurboExpo etc. Marine sector oriented conferences, fairs and exhibitions e.g. OCEANS etc.	the Belgian Offshore Cluster that hosts the Offshore Days.
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	3 presentations [INESC TEC]
Publication of technical achievements through selected scientific journals	Number of peer-reviewed publications	6 academic journal articles	1 article on docking algorithms [UdG] 1 article on underwater imaging [INESC TEC]
Publication of technical achievements through articles in professional journals	Number of professional journal articles	4 feature articles (showcases, scenarios, key performance measures)	2 articles will be published. 1 article with the preliminary title “ATLANTIS: A pioneer pilot infrastructure shaping the future of robotized O&M in offshore wind” in the magazine Hydrolink published by IAHR [EDP]
Presence in R&D focused media	Presence in R&D focused media including number of videos, blog posts	8 press releases covering the demonstrations in WP5 Around 23 articles in the	2 press releases by ABB 1 press release on deployment of the pilot infrastructure installation



Dissemination activity	Evaluation criteria and monitoring activities	Dissemination target (whole project)	Target for M13 - M24
	and press releases Website and social media statistics	press and online media	
Presence in general media	Number of articles Website and social media statistics		6 articles in press and online media 4 showcases videos for the scenarios
University dissemination channels, including PhD students	Number of thesis works	One Ph.D. thesis	UdG has one student continues the work on Docking systems algorithms INESC TEC has 2 students about underwater imaging and Landing & Take-off of drones from moving platforms





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APPENDICES

Appendix A - List of ATLANTIS news articles

Kick-Off Meeting Press Conference

News from this KOM of the ATLANTIS can be found in (Portuguese):

Major newspapers:

- <https://expresso.pt/economia/2020-01-14-Viana-do-Castelo-vai-ter-primeiro-centro-europeu-para-testar-robos-em-parques-eolicos-offshore>
- <https://rr.sapo.pt/2020/01/15/economia/portugal-vai-receber-centro-europeu-de-robos-de-aguas-profundas/noticia/178347/>
- <https://www.jornaldenegocios.pt/empresas/energia/detalhe/portugal-vai-ter-o-primeiro-centro-europeu-para-testar-robos-em-parques-eolicos-offshore>
- <https://www.tsf.pt/portugal/sociedade/viana-do-castelo-vai-ter-centro-europeu-de-robos-maritimos-custa-85-milhoes-de-euros-11705448.html>
- <https://24.sapo.pt/tecnologia/artigos/o-primeiro-centro-europeu-para-testar-robos-em-parques-eolicos-offshore-vai-ser-instalado-em-portugal>
- <https://renews.biz/57462/edp-backs-portuguese-offshore-robotics-test-centre/>
- <https://www.4coffshore.com/news/edp-backs-offshore-wind-robot-development-centre-nid16697.html>
- <https://www.offshorewind.biz/2020/01/17/europe-getting-first-robot-testing-center-for-offshore-wind/>

Other newspapers:

- <https://www.maistecnologia.com/primeiro-centro-europeu-para-testar-robos-em-parques-eolicos-em-portugal/>
- <https://www.dinheirovivo.pt/economia/centro-para-testar-robos-em-parques-eolicos-offshore-vai-ser-criado-em-portugal-12686287.html>
- <https://www.antenaminho.pt/noticias/vamos-ter-um-dos-maiores-clusters-de-robotica-da-europa/4201>
- <https://www.eixoatlantico.com/pt/noticias/cidades/4375-cluster-de-las-energias-renovables-oceanicas-se-desarrolla-en-viana-do-castelo>
- <https://radiogeice.com/2020/01/investigadores-europeus-no-arranque-do-projeto-que-vai-testar-robos-em-parque-eolico-flutuante-de-viana-do-castelo/>
- <https://noctula.pt/atlantis-test-center-o-primeiro-centro-europeu-para-testes-de-robos-em-parques-eolicos-offshore/>



- <http://www.comumonline.com/2020/01/viana-do-castelo-vai-ter-primeiro-centro-de-robos-maritimos-da-europa/>
- <https://ovilaverdense.pt/parque-eolico-de-viana-do-castelo-recebe-primeiro-centro-europeu-de-teste-de-robots-maritimos/>
- <https://logisticamoderna.com/viana-do-castelo-recebe-centro-europeu-de-teste-de-robos-maritimos/>
- <https://www.renovaveismagazine.pt/centro-europeu-para-testar-robots-em-parques-eolicos-offshore-em-portugal/>
- <https://w3.windfair.net/wind-energy/news/33506-edpr-windfloat-atlantic-floating-maritime-robot-center-offshore-wind-farm-robot-market-component-technology-development-maintenance>
- <https://energycentral.com/news/edp-partner-first-european-robot-center-offshore-wind-farms>

Stakeholders engagement (the Municipality of Viana do Castelo):

- <http://www.cm-viana-castelo.pt/pt/noticias/cluster-das-energias-renovaveis-oceanicas-esta-a-desenvolver-se-em-viana-do-castelo>

An interview of the Mayor referring the project and other things as well:

<https://www.youtube.com/watch?v=Y04KZdBeKWY>

- <https://www.portseurope.com/viana-do-castelo-port-set-for-role-in-the-european-atlantis-project/>
- <https://www.jornalterraemar.pt/viana-do-castelo-dinamiza-cluster-das-energias-renovaveis-oceanicas/>

A major newspaper:

- <https://www.jn.pt/local/noticias/viana-do-castelo/viana-do-castelo/renovaveis-oceanicas-investem-186-milhoes-de-euros-em-viana-do-castelo-13093562.html>

Other news:

- <https://kommunikasjon.ntb.no/pressemelding/abbs-octopus-programvare-avdekker-besparelser-for-havvindparker-del-av-eu-prosjekt-et-atlantis?publisherId=5310709&releaseId=17895619>
- <https://energynorthern.com/2020/11/12/abbs-octopus-software-to-uncover-savings-for-offshore-wind-farms-as-part-of-eu-project-atlantis/>
- <https://www.greenport.com/news101/energy-and-technology/project-explores-port-to-wind-farm-efficiency>
- <https://www.maritime-executive.com/corporate/abb-s-octopus-software-uncovers-savings-for-offshore-wind-farms>
- <https://renews.biz/64395/abb-joins-remote-offshore-wind-maintenance-project/>
- <https://gcaptain.com/abbs-octopus-software-to-uncover-savings-for-offshore-wind-farms-as-part-of-eu-project-atlantis/>
- <https://www.offshorewind.biz/2020/11/12/abb-targets-optimal-vessel-missions-with-octopus-software/>
- <https://www.windtech-international.com/projects-and-contracts/abb-to-deliver-optimisation-software-for-atlantis-research-project>



- <https://www.naftikachronika.gr/2020/11/25/aftomatopoiisi-kai-ex-apostaseos-epivlepsi-technologies-aichmis-ston-atlantiko/>
- https://www.building-supply.dk/announcement/view/133895/saving_for_offshore_wind_farms_part_of_eu_project_atlantis
- https://www.food-supply.dk/announcement/view/133895/saving_for_offshore_wind_farms_part_of_eu_project_atlantis
- <https://seawanderer.org/abbs-octopus-software-employed-for-atlantis-offshore-project>
- <https://www.nafsgreen.gr/top-stories/8353-abb's-octopus-software-to-uncover-savings-for-offshore-wind-farms-as-part-of-eu-project-atlantis.html>
- <https://infomarine.net/maritime-news/85-maritime-executive/170362-abbs-octopus-software-uncovers-savings-for-offshore-wind-farms.html>
- <https://www.oceannews.com/news/energy/abb-s-octopus-software-offers-savings-for-offshore-windfarms>
- <https://cyprusshippingnews.com/2020/11/12/abbs-octopus-software-to-uncover-savings-for-offshore-wind-farms-as-part-of-eu-project-atlantis/>
- <https://www.offshoresource.com/news/renewables/abb-s-octopus-software-offers-savings-for-offshore-windfarms>
- <https://www.marineinsight.com/shipping-news/abbs-software-to-uncover-savings-for-offshore-wind-farms-as-part-of-eu-project-atlantis/>
- <https://vpoglobal.com/2020/11/12/abbs-octopus-software-chosen-for-eu-funded-research-project/>
- <https://www.altenergymag.com/news/2020/11/12/abbs-octopus-software-to-uncover-savings-for-offshore-wind-farms-as-part-of-eu-project-atlantis/34073/>
- <https://www.energyglobal.com/wind/12112020/abb-software-to-target-savings-for-offshore-wind-farms/>
- https://advis.ru/php/view_news.php?id=343F5F83-59C3-954B-8904-084CC1CFC0C6
- <https://www.vesselfinder.com/news/19566-ABBs-OCTOPUS-software-to-uncover-savings-for-offshore-wind-farms-as-part-of-EU-project-ATLANTIS>
- <https://news.maritime-network.com/2020/11/12/abbs-octopus-software-to-uncover-savings-for-offshore-wind-farms-as-part-of-eu-project-atlantis/>
- <https://w3.windfair.net/wind-energy/news/36024-abb-marine-ports-eu-funded-atlantis-offshore-remote-maintenance-wind-farm-reduction-costs-safety-efficiency-inspection-cordis-octopus>
- <https://www.oedigital.com/news/483167-abb-s-software-for-project-aimed-at-reducing-offshore-wind-farm-inspection-costs>

