



POWER STORAGE IN THE OCEAN

D8.2. 1st Updated report on dissemination and communication activities



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1. INTRODUCTION

Communication and dissemination activities are important enablers in ensuring appropriate visibility and maximizing benefits of POSEIDON Project. These activities are focused on generating an effective flow of information and publicity regarding the target objectives and the key project contributions.

2. DISSEMINATION PLAN

The POSEIDON **dissemination plan** consists of internal and external activities.

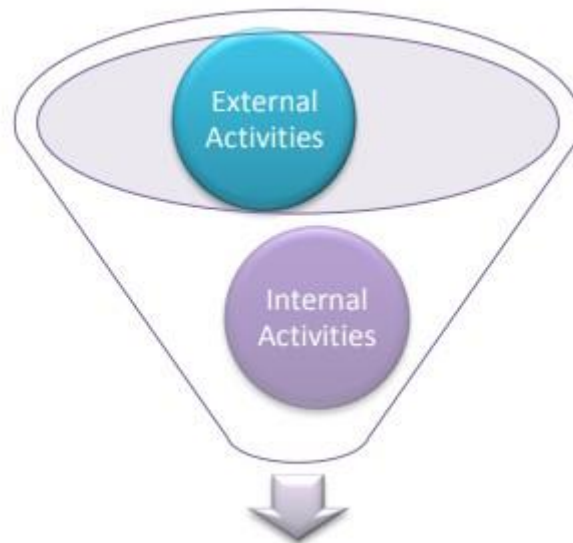


Figure 1- POSEIDON Dissemination Plan

External dissemination includes the project's website, scientific publications, project presentations, participation in conferences and organization of events, such as workshops. Internal dissemination encompasses all the activities carried out between the consortium members. Such activities include mailing lists, technical meetings, conference calls, online tools, common documentation, and deliverables.

2.1. DISSEMINATION AND COMMUNICATION TOOLS

The following figure illustrates the **dissemination and communication tools** used to disseminate the project's results.



Figure 2 - POSEIDON dissemination and communication tools

2.2. SCIENTIFIC JOURNALS AND PUBLICATIONS

Name	Publisher	Thematic Area	Where
Fast Response Energy Storage Systems for Marine Applications	CTN, Ciemat, TPH, Cyclomed, OCEM	Electrical Systems for Green Marine Activities (Green Shipping and Marine Renewable Energy)	ELECTRIMACS 2024. The International Conference on Modeling and Simulation of Electric Machines, Converters and Systems. May'24. Castellón.
Fast Response Energy Storage Systems for Marine Applications	CTN, Ciemat, TPH, Cyclomed, OCEM	Decarbonization in Maritime Sector	63rd International Congress of Naval Engineering and Maritime Industry. April'24. Madrid

Table 1- Scientific publications

2.3. PRESS AND NEWS RELEASES

Press releases have been used to draw the attention of the stakeholders and the general public, and to communicate the project's key milestones which are worth reading by a selected audience.

News releases, on the other hand, have an informal structure of posts and are easily read by the public. Likewise, journalistic articles are addressed to the general public.

Publication date	Title of press/news releases	Press/News releases	Link
2023/01/29	The European Poseidon project, led by the CTN, reduces 90 percent of maritime transport emissions.	Press release	El proyecto europeo Poseidón, liderado por el CTN, reduce el 90 por ciento de emisiones del transporte marítimo (larazon.es)
2023/01/29	The 'Euromurciano' Poseidon project reduces 90% of maritime transport emissions with superconducting magnets and flywheels.	Press release	El proyecto 'euromurciano' Poseidón reduce el 90% de las emisiones del transporte marítimo con imanes superconductores y volantes de inercia (murciastartup.com)
2023/01/29	The European Poseidon project, led by the Naval Technological Center, achieves a 90% reduction in maritime transport emissions cost-effectively with superconducting magnets and flywheels.	News release	Mazarron.com - El proyecto europeo Poseidón liderado por el Centro Tecnológico Naval consigue reducir el 90% de las emisiones del transporte marítimo de forma rentable con imanes superconductores y volantes de inercia
2023/01/29	The European Poseidon project, led by the Naval Technological Center, achieves a 90% reduction in maritime transport emissions cost-effectively with superconducting magnets and flywheels.	News release	El proyecto europeo Poseidón liderado por el Centro Tecnológico Naval consigue reducir el 90% de las emisiones del transporte marítimo de forma rentable con imanes superconductores y volantes de inercia (cartagenaactualidad.com)
2023/01/29	A European project led by the CTN achieves a 90% reduction in maritime transport emissions.	Press release	Un proyecto europeo liderado por el CTN consigue reducir el 90% de las emisiones del transporte marítimo (murciadiario.com)
2023/01/29	A project led by the CTN achieves a 90% reduction in maritime transport emissions cost-effectively.	News release	Un proyecto liderado por el CTN reduce el 90% de emisiones del transporte marítimo de forma rentable (murcianoticias.es)
2023/01/29	The 'Euromurciano' Poseidon project reduces 90% of maritime transport emissions with superconducting magnets and flywheels.	Press release	El proyecto 'euromurciano' Poseidón reduce el 90% de las emisiones del transporte marítimo con imanes superconductores y volantes de inercia (la7tv.es)

Publication date	Title of press/news releases	Press/News releases	Link
2024/03/12	The Poseidon Project aims to reduce fuel consumption in ships.	News release	Centro Tecnológico Naval y del Mar El Proyecto Poseidón busca reducir un 5% el consumo de combustible en los buques (elperiodico.com)

Table 2 - POSEIDON press and news releases

2.4. EVENTS

2.4.1. 63RD INTERNATIONAL CONGRESS OF NAVAL ENGINEERING AND MARITIME INDUSTRY, APRIL´24, MADRID



Figure 3 - Basilio Puente introducing the POSEIDON Project

2.4.2. ELECTRIMACS: INTERNATIONAL CONFERENCE ON MODELING AND SIMULATION OF ELECTRIC MACHINES, CONVERTERS AND SYSTEMS, CASTELLÓN 27TH – 30TH MAY 2024

For the Poseidon Project, a paper was presented and accepted, and it will have a presence at the **Electrimacs 2024, the International Conference on Modeling and Simulation of Electric Machines**, Converters, and Systems. This 15th edition of the international conference of the International Association for Mathematics and Computer in Simulation (IMACS) will be celebrated in Castellón (Spain) commemorating its 40th anniversary. The conference will take place at the campus of the Jaime I University, the public university of Castellón.

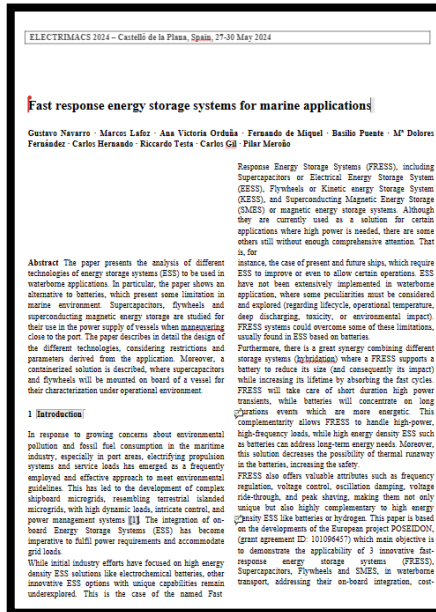


Figure 4 - Electrimacs 2024 paper

2.4.3. PRESENTATION OF POSEIDON TO THE SEAS 4.0 MASTER STUDENTS

On 25 June 2024, Basilio Puente, TechnoPro's Technical Naval Director, **presented POSEIDON project to students of the SEAS 4.0 Master**, an initiative co-funded by the Erasmus+ programme of the European Union that brings together students from various nationalities to promote a sustainable shipbuilding industry.

During the presentation, Basilio highlighted the benefits of integrating FRESS (Fast Response Energy Storage Systems) in ships. He also demonstrated how simulation tools like AMESim and Modelica are used to model the behaviour of these systems on board.



Figure 5 - Presentation of POSEIDON to the students of SEAS 4.0 Master

2.5. WORKSHOPS

2.5.1. INTERNAL CONSORTIUM MEETING, JANUARY 24, CIEMAT FACILITIES, MADRID

The **internal consortium meeting/workshop** took place at the CIEMAT facilities in Madrid. During the meeting, the consortium members gathered to discuss the progress of the project, share updates on individual tasks, and address any challenges or issues encountered.

The agenda of the meeting included presentations from each work package leader, outlining the achievements, milestones reached, and upcoming tasks for their respective work packages. There were also discussions on the integration of different components of the project, coordination among partners, and planning for future activities.

Additionally, the workshop provided an opportunity for partners to exchange ideas, brainstorm solutions to technical problems, and strengthen collaboration among team members. Breakout sessions and group discussions were organized to delve into specific topics in more detail and facilitate productive exchanges of knowledge and expertise.

Overall, the internal consortium meeting/workshop in Madrid served as a valuable platform for the project members to align their efforts, address any issues, and move forward collectively towards the successful implementation of the project goals.

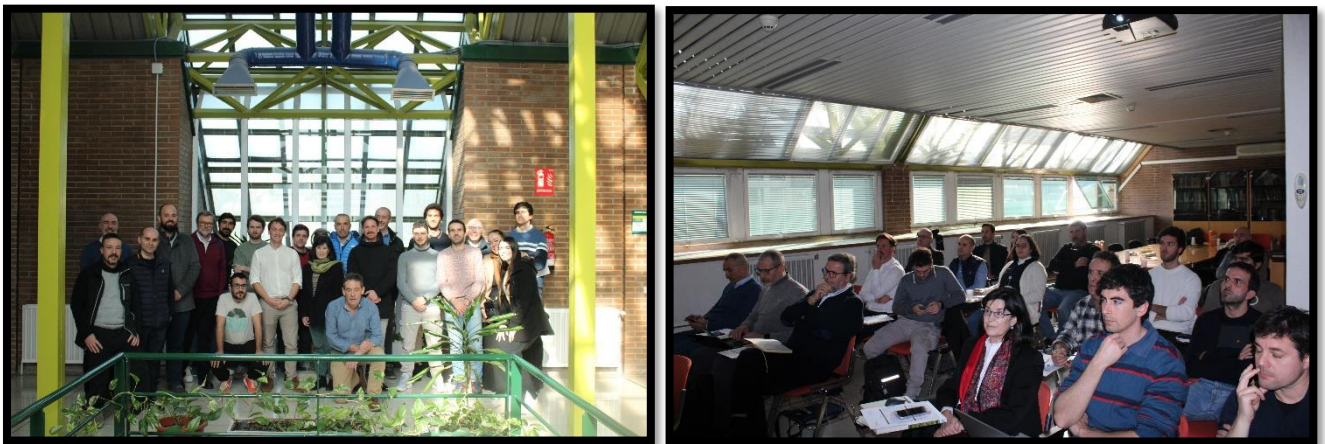


Figure 6 - POSEIDON workshop

3. DISSEMINATION AND COMMUNICATION ACTIVITIES DURING THIS PERIOD

3.1. PUBLIC AND SOCIAL ACTIVITIES

3.1.1. POSEIDON WEBSITE

A **public website for POSEIDON Project** was set up at the beginning of the project (January 2023) and will be available after the end of the project. The website is regularly updated with project-related activities and announcements.

The POSEIDON Project website is accessible online at [POSEIDON \(poseidon-europeanproject.eu\)](https://poseidon-europeanproject.eu).

In order to monitor the website's performance, we will implement the Google Site Kit plugin. This tool will allow us to assess the site's health and make any necessary changes or improvements.



Figure 7 - POSEIDON website

3.1.2. SOCIAL MEDIA

Two **social media accounts** have been created for POSEIDON: X (former Twitter) and LinkedIn.

The website has direct access to these social networks by clicking over the icons situated on the bar at the beginning of the homepage. Therefore, it is easy for every user to participate in social events/updates/discussions when the website is visited.

3.1.2.1. X (FORMER TWITTER)

A [X account](#) has been created as further and more instant dissemination instrument for reaching the general public. X is the tool used by the Dissemination Manager to provide real-time information on the activities of individual partners in conferences, meetings, and other dissemination activities.

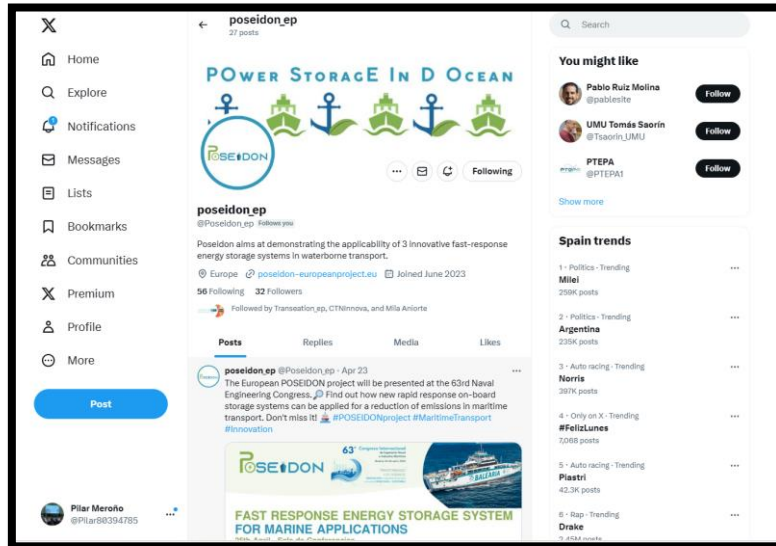


Figure 8 - Poseidon X (former Twitter)

3.1.2.2. LINKEDIN

[LinkedIn](#) is oriented at “business crowd” and it is a strategic choice to begin disseminating here, as this is a platform where most of the professional stakeholders are present. Furthermore, POSEIDON Project can benefit from the existing LinkedIn networks and communities involved in the area of Decarbonization. Below a screenshot of the POSEIDON Project LinkedIn page is shown.

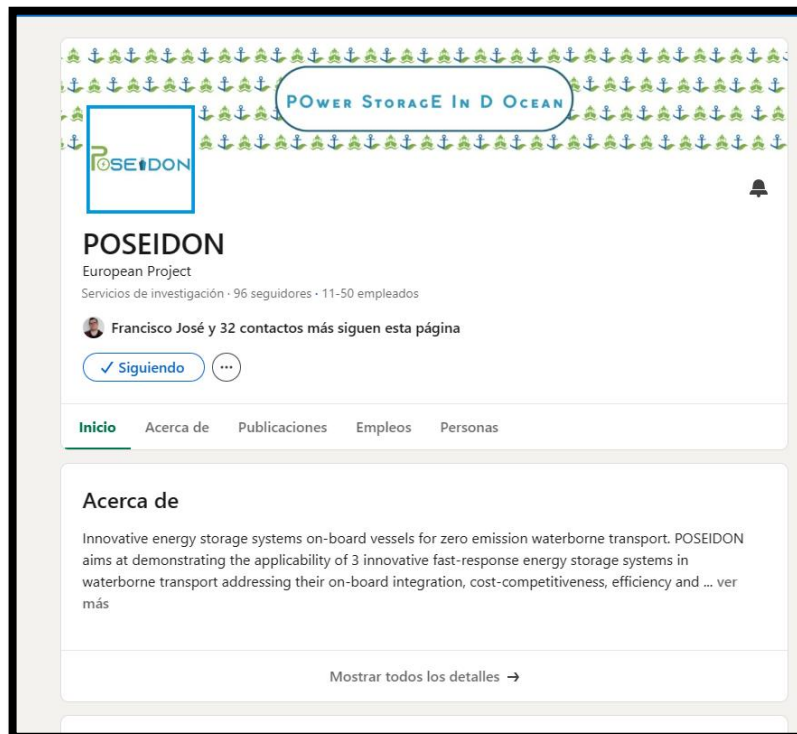


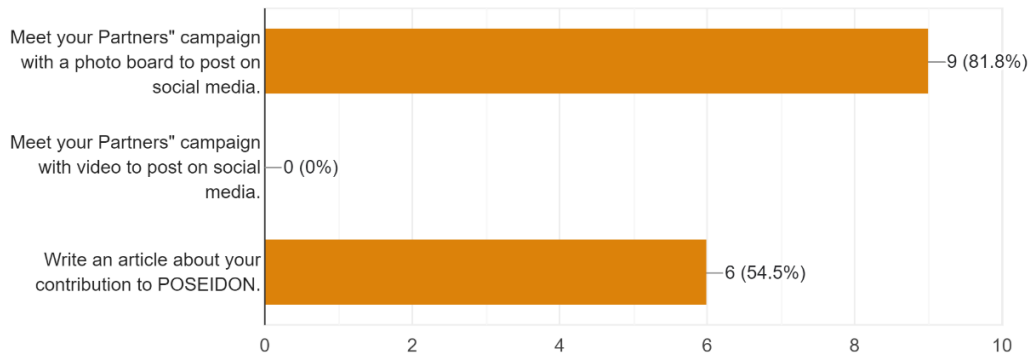
Figure 9 - POSEIDON LinkedIn profile

3.2. SOCIAL MEDIA CAMPAIGN

CTN is preparing a social media promotion campaign focused on raising awareness among the project’s partners. To this end, a form was created to identify their preferred method of promotion, and the result was as follows:

Which dissemination activity do you prefer?

11 responses



As shown in the image, the majority prefer a social media campaign based on a panel with photos of the POSEIDON team members, while a minority prefer to write a scientific article about their contribution to the project.

We will contact all of them to create a content calendar that will start to be implemented at the end of December and continue throughout 2025.

Another step to follow for the communication and dissemination of the project is to ask the partners to document their progress graphically and textually in order to create content, provided that this information is public.

Finally, CTN, in collaboration with CERN, has begun organising the Consortium Meeting of the project, which will take place in Switzerland at the end of January 2025.

3.3. INTERNAL ACTIVITIES

3.3.1. MAILING LISTS

A general POSEIDON **mailing list** as well as a mailing list for each work package have been setup in order to communicate information within the consortium.

3.3.2. F2F MEETINGS

This year, the POSEIDON consortium organised several **face-to-face meetings**, including an internal meeting, a workshop, and a technical meeting.

3.3.3. CONFERENCE CALLS

Meetings are held every two weeks with the entire consortium, during which each work package leader organizes their own meetings, including the technical aspects. These regular gatherings serve as a platform for the consortium members to synchronize their

efforts, share updates, and address any challenges or concerns that may arise during the project implementation.

Within each work package meeting, the leader is responsible for coordinating discussions related to the specific **tasks and objectives** outlined within their work package. This includes providing progress reports, identifying any technical issues or bottlenecks, and facilitating collaborative problem-solving among team members.

4. CONCLUSIONS

The deliverable provides a **detailed description of the activities** both internally and externally undertaken in order to increase the project virility and its research output.

The dissemination activities so far include the creation of a public project website, the creation of POSEIDON account on various social networks, conference, workshop, and journal papers.

This deliverable will be revised in the future as new dissemination activities are conducted during the course of the project.

Deliverable D8.3 will report the respective activities at the end of the third year of the project.