

ENEPORTS NEWSLETTER

ENEPORTS.EU

3rd edition



Premios El Periódico de la Energía 2025

Last July, the ENEPORTS project was recognised at the Premios El Periódico de la Energía 2025, a leading event dedicated to innovative energy transition initiatives in Spain.

It won second place in the Best International Energy Initiative category, which rewards projects with a significant impact beyond Spain's borders.

Premios Archipela-Go

In May, APSCT presented the ENEPORTS project to 40 students from the Centro de Innovación Azul de Granadilla (CIAG). The presentation showed how ports can become clean energy laboratories, as part of the Premios Archipela-Go programme, which enables students of engineering, architecture or coastal management to:

- Discover the most innovative infrastructure in the Canary Islands
- Meet experts in the sector
- Participate in the selection of innovative ideas
- Develop their talent in the archipelago

The ENEPORTS presentation is part of the vision for sustainable growth in the ports of the Canary Islands.

For more information on events, see pages 3 & 4.



**Interreg
Atlantic Area**



Co-funded by
the European Union

The ENEPORTS project has been co-financed as part of the European Interreg Atlantic Area cross-border cooperation programme via the European Regional Development Fund (ERDF).



Progress

General progress of the project

After 2 years since the start of the project, ENEPORTS has been able to make progress on the various work packages.

Some technical activities are in line with the initial schedule, while others have had to be readapted, often as a result of external factors.

Work Packages technical progress

- **WP1: Administrative regime and impacts in areas under the responsibility of port authorities**
 - The legal study on port concessions has been finalised and presented by APFSC. This study has been led by University of Almeria and completed with associated national experts from Ireland, France, Portugal and Spain.
 - This is also the case for the sustainability assessment methodology prepared by APSCT, which uses questionnaires to measure environmental and green transition performance to help the authorities to evaluate the greenness of port.
 - ITER & ITG have presented the report "Methodology for integration of green energy port ecosystems on power grids and markets", with a dedicated focus for each country involved in Eneports.
- **WP2: Energy performance and design of hybrid technology system**
 - ITG and ITER have been collecting and evaluating information on current and expected energy systems for every Port Authority to model their Energy grids and analyse their evolution from the demand and generation point of view.
 - ITG and ITER presented the report "Challenges, characteristics and performance of renewable energy sources, bidirectional elements and flexible demands to be installed on port areas, and recommendations for integration" with a proposed methodology for the integration of such technologies in Port's energy grids.
- **WP3: Demonstration of decarbonization technologies**
 - BUILDERS has collected weather variable data and bathymetry data of the Port of Ferrol with the contribution of APFSC. These data have been used to develop the report on the energy potential of multisource devices at the Port of Ferrol.
 - UGALWAY and APSCT have started to organize the test for hydrogen combustion generators, which is expected to give very interesting results to keep chasing the most suitable integration of Hydrogen within Port ecosystems.
- **WP4: Digitalization, monitoring and control of ports ecosystems, with smart energy platform**
 - The new platform specifications are currently being developed. ITG, ITER and UGALWAY have defined hardware, software and cybersecurity requirements to upgrade communication and monitoring networks in Port areas. The platform is already displayed and is improving the model integration process.
 - Port authorities from ENEPORTS will confirm that these requirements meet their needs and will take it into account within their own monitoring and communications network upgrade.
 - Internal markets creation for Port Ecosystems has been assessed in an initial report that shall evolve throughout the project in the report "Methodology for internal market design on port areas"

Presentation of research work at UGALWAY

- Date: February 13th, 2025
- Place: University of Galway

UGALWAY researcher Dr Nitesh Bharot recently presented his ENEPORTS research work to a visiting group of students from Germany, currently studying in the Galway Business School, with the presentation topic of "Becoming a Cyber Defender: How You Can Secure the Future of Ports".

Later, UGALWAY will see its article *Cybersecurity Recommendations for Planning and Securing Port 4.0 and Maritime Industry against Cyberattacks* accepted as part of the 12th IEEE International Conference on Data Science and Advanced Analytics.



Student visit to ITG

- Date: April 25th, 2025
- Place: ITG premises, A Coruña

On 25 April, ITG welcomed fourth-year aerospace engineering students from the University of Vigo. On this occasion, the project partner presented the capabilities of the ITG energy laboratory, explaining the link between the activities carried out within the laboratory and the objectives of the ENEPORTS project. The discussions also highlighted the importance of decarbonisation and digitalisation in ports, as well as the fundamental role they play in our society. It is always a nice opportunity to meet with a diverse audience to share and highlight the ambitions of the ENEPORTS project.



EWTEC

- Date: September 7th-11th, 2025
- Place: Funchal, Madeira

At the European Wave and Tidal Energy Conference (EWTEC) held last September, BUILDERS presented a paper entitled "Development of a digital twin for an energy production platform" on the GREEN RIVER project, which contributed to the results of ENEPORTS. This scientific contribution offered an in-depth analysis of the performance of an innovative wave energy conversion system, based on experimental and numerical results. The presentation sparked constructive discussions with the international community of researchers and engineers from the maritime sector in attendance.



Presentation of the WP1 legal report

- Date: October 15th, 2025
- Place: Cruxeiras Hall, APFSC

On 15 October, our partner APFSC organised an event dedicated to the ENEPORTS project. During this meeting, the University of Almería, a subcontractor of APFSC, presented a study on the regulatory framework for renewable energies and the creation of experimental zones in ports in France, Spain, Portugal and Ireland.

The session was opened by the director of APFSC. It continued with a presentation by ITG. The event ended with a round table discussion bringing together several experts from the academic and institutional worlds.



ENEPORTS mid-term results event

- Date: November 18th, 2025
- Place: ITER & APSC premises

Last November, the ENEPORTS project partners met in Santa Cruz de Tenerife, at the ITER and APSC premises. This meeting had several objectives: to review the progress of the project, to discover the facilities of ITER and APSC — two major players committed to the decarbonisation of ports — and to organise the mid-term event of the ENEPORTS project.

The event brought together stakeholders from a variety of backgrounds and projects, promoting discussion and the sharing of experiences. A special edition will be published to mark the occasion.



ENEPORTS appears in a revue!

- Date: Winter 2025
- Place: EU Researcher website

Since the launch of the project, ENEPORTS has been the subject of several press articles, initiated by various partners on different occasions. This promotional momentum has continued with coverage in *EU Research*, a specialist journal dedicated to European projects.

ENEPORTS is featured in the Winter 2025 edition, entitled "Adapting for Tomorrow" providing a great opportunity to promote the project alongside other European initiatives committed to the same goals and challenges.



Next ENEPORTS event



Closing event of ENEPORTS project

- Date: October 2026
- Place: ITG facilities in A Coruña, Spain



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