



## PORTOS Newsletter | Apr 2022 - Sep 2022



PORTOS – Ports Towards Energy Self-Sufficiency continues to promote sustainability in the Atlantic Area through advanced research on marine renewable energy for the supply of ports and a variety of events targeted at the main stakeholders of the project as well as the general public.

On the 7<sup>th</sup> of April, the University of Oviedo held its third OpenLab. The event was mainly targeted at students, and it was split into 2 days to reach a broader audience.

The Faculty of Engineering of the University of Porto hosted a three-day training course (18<sup>th</sup>, 19<sup>th</sup> and 20<sup>th</sup> of May 2022) on Marine Renewable Energies and their integration in Ports.



The course was targeted at all professionals linked to the port, marine and renewable energy sectors and covered key topics, such as port energy requirements, marine energy resources and technologies, wave and tidal energy devices development methods. A technical visit was included.

The University of Oviedo also hosted a three-day training course (6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> of June 2022) on Marine Renewable Energies. The course aimed to introduce its participants to marine renewable energies, namely wind, currents, waves, tidal and solar.

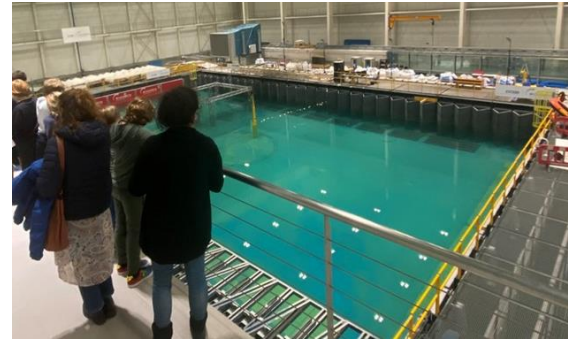
On the 9<sup>th</sup> of June, IHCantabria organized its second OpenLab. A series of activities were organized in order to raise awareness regarding the need of energy self-sufficiency in ports, the types of existing marine resources and the best ways to harvest energy from them.



The Port of Vigo held an OpenPort event on the 29<sup>th</sup> of June 2022. It covered topics such as the European Green Deal, sustainable blue economy and climate neutrality.

On another note, the University of Plymouth organized a training course on Economics, Policies and legal framework on Marine Renewable Energy (4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> of July 2022). This course covered topics such as benefit-cost estimations of new energy technologies, scenario techniques and external cost of energy use. It also examined legal regimes, including property rights, climate change and energy, marine environmental protection, and maritime safety and security.

The USC hosted a free 3-day training course on wave energy. This renewable energy is of great interest for the Galician coast. The course consisted of a combination of theoretical sessions and hands-on workshops.



IHCantabria organized their third OpenLab on the 30<sup>th</sup> of September 2022. This event was carried out during the European Researchers Night, an activity coordinated by the University of Cantabria thanks to the European project “Go for the Missions!”. Within this OpenLab, the objectives, methodologies and outcomes of the PORTOS Project were presented to the attendees. A visit to the IHCantabria computing laboratory and to the hydraulics laboratory was organized. The laboratory team prepared a show on the wave basin in order to show students how it works and its capabilities.

The Shannon Foynes Port is going to host an online OpenPort event. The goal of the event is to present to the society with the challenges that ports are facing, and more importantly, how the research that is being conducted at the PORTOS project is assisting in meeting those challenges.

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