

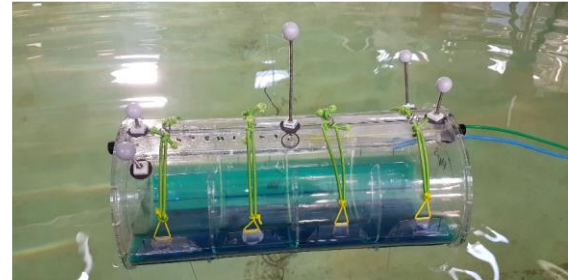
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PORTOS – Ports Towards Energy Self-Sufficiency completes its second project year and continues to promote sustainability in the Atlantic Area through advanced research on marine renewable energy for the supply of ports. However, due to the COVID-19 pandemic, most project events had to be rescheduled or adapted to a telematic approach.

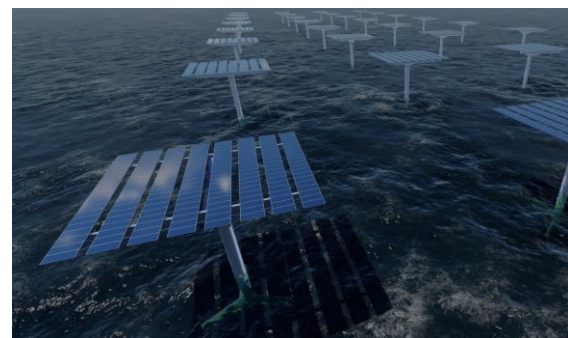
The third PORTOS Coordination Meeting and the second Thematic Seminar on marine renewable energies were held by INNOSEA on November 9 and 10. In the online project meeting accomplishments were shared, and next steps discussed. The seminar was also held online due to sanitary restrictions and featured 17 speakers from Portugal, Belgium, France, the UK, Spain and Israel. In addition to the speakers, 90 people subscribed to attend the webinar.

On another note, the call for renewable energy device testing, managed by University College Cork (MaREI), is currently accepting applicants. The available testing facilities are the University of Porto, the University of Santiago de Compostela, the University of Oviedo and EIGSI. The testing deadline was postponed to June 2021.

Some of the applications chosen by the selection panel have already been successfully tested. Seaturns successfully completed the experimental testing of its innovative wave energy converter (WEC) at the FEUP wave basin between November 9 and 20. This wheel shaped WEC uses an innovative mooring line configuration to convert surge motions into pitch motions, thus inducing compression and decompression cycles into two separate air-filled chambers. The results were very encouraging for the viability of the technology in a wave farm configuration.



Asturmadi Reneergy numerically tested a device to harvest solar energy in the marine environment in collaboration with the University of Oviedo. The device consisted of a top-of-pole mount that holds the solar panels and a tension leg platform (TLP) that keeps the structure afloat while restricting its motions. The testing concluded in February and the results were very promising.



To ensure the diffusion of the advances in the scope of PORTOS, 6 articles were published in several scientific journals so far. The outcomes of PORTOS were also presented in 9 different conferences.

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