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Ports Towards Energy Self-Sufficiency - PORTOS

PROJECT DETAILS

Funding Programme:
Interreg Atlantic Area
Funding Scheme:
Fostering resource efficiency
Project Reference:
EAPA_784/2018 - PORTOS
Project Duration: 42 months
(from 2019-04-01 to
2022-09-30)
Total Project Value:
2.625.180 €
EU Grant-Aid:
1.968.885 €
Funding to UniOvi:
183.523 €
Website:
<http://portosproject.eu/es/>

[Interreg link to project](#)

PROJECT DESCRIPTION

Sea ports need high-energy supplies and are a source of air pollution, two environmental problems that can be minimized by using renewable energy. Considering the convergence of resources, infrastructures and facilities in ports, marine renewable energy arises as a promising alternative. PORTOS aims to assess, develop and promote the integrated use of renewable energy resources in Atlantic Area ports and increase their energy efficiency, establishing a roadmap to a more competitive and sustainable sector. The main objective is to develop and promote the implementation of renewable energy, especially marine renewable energies such as wave, tidal and wind energy, at Atlantic Area ports. Moreover, PORTOS aims to address two environmental priorities for ports, reduction of greenhouse gases emissions and air pollution, by providing renewable energy-based solutions to harvest the renewable energy potential of Atlantic Area coastal areas.

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PROJECT PARTNERS

Project Coordinator:

Universidade do Porto, Portugal

- Spain**
- Universidad de Oviedo.
 - Autoridad Portuaria de Vigo.
 - Universidad de Santiago de Compostela.
 - Fundación Instituto de Hidráulica Ambiental de Cantabria.
 - Organismo Público Puertos del Estado (Associated Partner).
- United Kingdom**
- University of Plymouth.
 - Cattewater Harbour Commissioners (Associated Partner).
 - Padstow Harbour Commissioners (Associated Partner).
- Ireland**
- Shannon Foynes Port Company.
 - University College Cork, National University of Ireland, Cork.
- France**
- Ecole D'ingénieurs En Génie Des Systèmes Industriels.
 - INNOSEA.
 - Nantes - Saint Nazaire Port (Associated Partner).
- Portugal**
- Instituto de Ciência e Inovação em Engenharia Mecânica e Engenharia Industrial.
 - Administração dos Portos do Douro, Leixões e Viana do Castelo, SA.
 - Agência para a Energia (Associated Partner).
- Belgium**
- Wind Europe (Associated Partner).