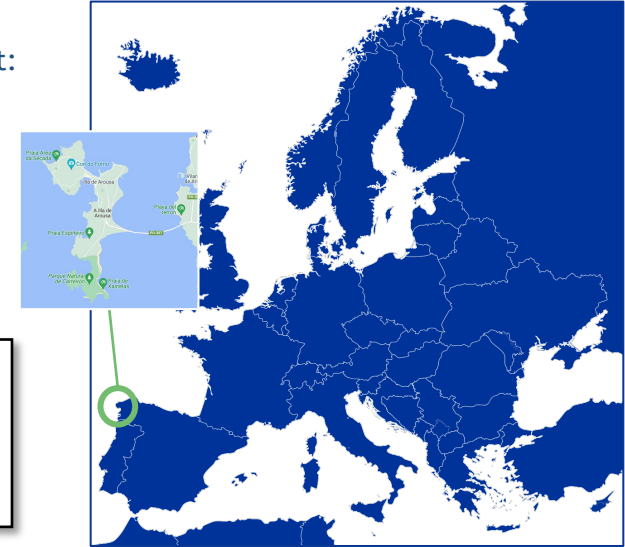


“ The ship-to-grid solution is applied not only to reduce pollution, but also to support the local grid. ”

The EU Islands Facility NESOI is pleased to introduce the clean energy projects receiving its support:

## BATEIRO

### BoAT ELectrification for the decarbonisation of the fishing sector at the Island of aROUSA



#### What is the project about?

- Feasibility study for the electrification of fishing boats, with the aim to decarbonise the fishing sector which is the main economic activity of the island.
- Study of a system including a Battery Energy Storage System able to cover one working day in full electric mode, and to provide Ship to Grid (S2G) services allowing to transform the future moored fleets into energy storage systems supporting the local grid.



#### How will the EU Islands Facility NESOI support the project?

- Analysis of existing planning documentation, identification of the project boundaries and existing planning constraints
- Assessment of the key project sizing drivers
- Identification of suitable technological options given existing project sizing requirements
- Definition of the required environmental permitting procedures
- Cost Benefit analysis and socio economic and environmental impact evaluation
- Definition of the technical, economic and financial, fiscal project inputs
- Risk analysis and identification of available mitigation strategies
- Assessment of existing procurement options
- Financial modelling and identification of target scenario
- Identification of financing/funding options
- Action plan and identification of project monitoring procedures



Fishing boats of Illa de Arousa

(Source: turismoriasbaixas.com)