New Energy Solutions Optimised for Islands

NESO

EUROPEAN ISLANDS FACILITY

Fournoi is an island with many protected areas. The proposed interventions should respect the ecosystem and have the warm support of local communities and environmental associations.

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

CETFA

Clean Energy Transition for Fournoi Archipelago



Island

FOURNOI

Project promoter

Municipality of Fournoi Korseon

Sector

Energy transition plan **Project value**

9.5 M€



What is the project about?

- The project consists in elaborating the island's clean energy transition agenda (CETA).
- The following solutions will be studied: installation of Hybrid Power Stations (wind + solar + storage); use of the grid interconnection within the archipelago exploiting the excess of renewable electricity; hydrogen production or battery energy storage systems; buildings' retrofitting; land and sea electromobility.

How will the EU Islands Facility NESOI support the project?

- Socio-economic, territorial and environmental analysis
- Definition of the energy balance of consumption and emissions of the Local Authority
- Analysis of the local RES potential and of local heating and cooling demand
- Climate change risk analysis and vulnerability assessment
- Analysis and mapping of regional, national and European planning tools
- Support in participatory processes
- Support in the drafting of the CETA
- Identification of measures to reach the defined objectives
- Action plan and monitoring system, allocation of responsibilities for its implementation
- Mapping of the main financial instruments available to finance the identified actions
- Technical support in communication and dissemination of the results



View of Fournoi village

(Source: ikariaguidebook.com)

