

“ *Ikaria is not only famous for the long lifespan of its residents but also for its hot springs which suggest a high potential of geothermal energy* ”

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

## ENERSIK

### Energy planning for clean energy transition for Ikaria

<b>Country</b>  <b>GREECE</b>	<b>Island</b> <b>IKARIA</b>	<b>Project promoter</b> <b>Municipality of Ikaria</b>	<b>Sectors</b> <b>Plan</b>	<b>Project value</b> <b>45,000,000 €</b>
--	--------------------------------	--	-------------------------------	---



#### What is the project about?

- The objective is the development of a Clean Energy Transition Agenda (CETA).
- Potential solutions have already been identified for Ikaria: Exploration of the geothermal potential for electricity and heating purposes, studies on the wave energy potential, installation of a hybrid power station (HPS) comprising RES and battery storage, adoption of electro-mobility, energy retrofitting of public buildings and installation of solar PV panels with virtual metering to address the energy poverty.

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

- Definition of the energy balance and preparation of the Baseline Emissions Inventory
- Analysis of the local RES potential and of local heating and cooling demand
- Analysis and mapping of regional, national and European planning tools framework
- 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
- Communication and dissemination of the results



*View of the village of Armenistis on Ikaria* (Author: Rosa-Maria Rinkl)