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

<table>
<thead>
<tr>
<th>Country</th>
<th>Island</th>
<th>Project promoter</th>
<th>Sectors</th>
<th>Project value</th>
</tr>
</thead>
<tbody>
<tr>
<td>GREECE</td>
<td>IKARIA</td>
<td>Municipality of Ikaria</td>
<td>Plan</td>
<td>45,000,000 €</td>
</tr>
</tbody>
</table>

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

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