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

**ARINDEC-GRANCANARIA**

Industrial Energy Community powered by Renewable Energies in the Arinaga Industrial Area

<table>
<thead>
<tr>
<th>Country</th>
<th>Island</th>
<th>Project promoter</th>
<th>Sector</th>
<th>Project value</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAIN</td>
<td>GRAN CANARIA</td>
<td>Consejo Insular de la Energía de GranCanaria (CIEGC)</td>
<td>Energy community</td>
<td>25,000,000 €</td>
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**What is the project about?**
- The project’s objective is to create a favourable environment for the implementation of an industrial energy community in the Arinaga Industrial Park, in which energy is generated, stored and consumed locally (690 companies).
- One of the key points is the establishment of a local energy market. A model has to be identified in order to maximize the benefit of the community, while minimizing the risk of disagreements between members & encouraging the integration of new renewable systems.

**How will the EU Islands Facility NESOI support the project?**
- Definition of the required environmental permitting procedures
- Cost Benefit analysis and socio economic and environmental impact evaluation
- Risk analysis and identification of available mitigation strategies
- Assessment of existing procurement options (e.g. tender, PPP, etc.)
- Action plan and identification of project monitoring procedures
- Evaluation of key information for the deployment of renewable generation
- Load Flow and grid capacity studies, dynamic stability study with respect to contingencies
- Design of the technological architecture required for energy communities management
- Basic Blockchain PoC (Proof of Concept) from synthetic data for virtual markets
- Economic feasibility studies for the implementation of generation and storage systems
- Preparation of the project financing plan

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The town of Agüimes where Arinaga Industrial Park is located
(Source: Martin Falbisoner)

NESOI has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement N° 864266