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

**WiRe-K**

**Wind turbine repowering in Kythnos**

<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>KYTHNOS</td>
<td>Public Power Corporation Renewables SA (PPCR)</td>
<td>Wind, Storage</td>
<td>1,750,000 €</td>
</tr>
</tbody>
</table>

**Kythnos has a long history of innovative energy projects since 1982 and the installation of Europe’s first wind farm**

**What is the project about?**

- The proposed project includes the replacement of PPCR’s existing wind turbine with modern, state-of-the-art wind turbine and a 'behind-the-meter' lithium-ion battery.
- This innovative arrangement allows the full exploitation of the wind turbine's installed capacity, using a large amount of energy that would under other circumstances be discarded.
- The project has high replicability as it applies to almost all the wind farms located on Greek islands that will need repowering soon.

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

- Analysis of permitting procedures, proposed contractual framework, design options, technical documentation, workplan and cost assumptions
- Identification of existing litigations/appeals and evaluation of the associated risks
- Analysis of the soundness of the assumed economic and financial inputs
- Risk analysis and identification of available mitigation strategies
- Listing of condition precedents (CPs) for successive project implementation steps (e.g. tender adjudication, financial close and disbursement, start construction, etc.)
- Action plan and project identification of monitoring procedures

**Kolona beach on Kythnos island** (Source: discovergreece.com)

NESOI contact: Avraam Kartalidis, CERTH, kartalidis@certh.gr

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