



Clean energy for  
EU islands:  
Workshop 8 – Spatial  
planning in support of  
islands' decarbonisation



## **Workshop #8: Spatial planning in support of islands' decarbonisation**

Publication date: 31/01/2025

Authors: 3E, DAFNI

Reviewers: Samsø

Dissemination Level: Confidential

**Published by**

Clean energy for EU islands

[www.euislands.eu](http://www.euislands.eu) | [info@euislands.eu](mailto:info@euislands.eu)

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## Workshop focus

Based on the input received from the participating islands, the workshop focused on the following topics/challenges:

- The different layers of spatial planning regulations applicable to islands
- Examples of RE projects developed on islands despite spatial planning restrictions and the tools used for planning
- The different stakeholders involved in RE projects and the role of the local community

## Questions and answers

Therefore, the main questions we aimed to answer with the contents presented and discussions held during the workshop were:

- How to navigate the different regulatory frameworks for spatial planning on islands?
- What are some examples of RE projects developed on islands despite spatial planning restrictions?
- How to engage the different stakeholders involved in the decision-making process?

## The main take-aways

1. Spatial planning restrictions pose a big challenge to the deployment of clean energy projects on islands. **Determination, community engagement, and creativity** were identified as two key factors in the quest for projects implementation:
  - **The case of Fejo, Denmark:** despite strict restrictions on land use, the island transition team is moving forward with a proposal for a wind turbine in a protected area. They will seek for derogations to the legislation strong of the support of the community for the project. Finding the best location from a technical perspective but especially for the wellbeing and interests of the locals was the most crucial challenge they had to face.
2. **The case of Pantelleria, Italy:** given the land use restriction for the deployment of energy facilities, the transition team has studied and identified the airport area (otherwise unutilized, as the best solution for the installation of a PV plant. Restrictions apply to this area as well, but the transition team is confident it will obtain an approval.
3. **The case of Menorca, Spain:** many layers of spatial planning regulations, often overlapping or contradicting, apply to the island creating a big challenge to overcome. A regulatory study has provided the transition team with more clarity and confidence to move forward.
4. **The cases of Astypalea and Kythnos, Greece:** two examples of how spatial planning regulation, if not tailored to the actual conditions of each island, can hinder the realisation of renewable energy projects and how the development of GIS based virtual tools can facilitate the discussion for project siting within local communities.
5. Often times spatial planning is governed by a horizontal framework not tailored to the specific cases of islands. Laws instated to supposedly protect the islands are in fact creating more challenges for their sustainable development.

6. Long-term spatial and urban planning is a powerful way to reduce uncertainties. A collaborative approach to making a landscape strategy is the best way to involve the local communities in shaping the development of their island.

## Contacts

### Workshop contents and results

If you wish to have greater insights regarding the contents and results of the workshop, feel free to get in touch with:

NAME	SURNAME	CONTACT INFORMATION
<b>Martina</b>	Cannata	<a href="mailto:mta@3e.eu">mta@3e.eu</a>
<b>Alexis</b>	Chatzimpiros	<a href="mailto:ac@energiakademiet.dk">ac@energiakademiet.dk</a>
<b>Petros</b>	Markopoulos	<a href="mailto:pmarkopoulos@dafninetwork.gr">pmarkopoulos@dafninetwork.gr</a>

### Knowledge-sharing

If you wish to discuss common challenges, potential solutions, and more broadly share knowledge and experiences with the participating islands, feel free to get in touch with:

NAME	SURNAME	ISLAND NAME	CONTACT INFORMATION
<b>Gaspare</b>	Inglese	Pantelleria	<a href="mailto:pianificazioneambientale@parconazionalepantelleria.it">pianificazioneambientale@parconazionalepantelleria.it</a>
<b>Christa</b>	Kloch	Fejo	<a href="mailto:christa.kloch@hotmail.com">christa.kloch@hotmail.com</a>
<b>Hernando</b>	Rayo Sarrias	Menorca	<a href="mailto:director@ibenergia.caib.es">director@ibenergia.caib.es</a>

## Pictures

PICTURE



AUTHOR Hanna Shaffer. Maison de la Poste, 28/01/2025