

Sustainable energy planning of Mediterranean islands

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Blue Growth Community – 1st Capitalization event

November 10th -11th, 2020



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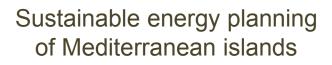
Applied Methodology

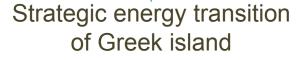
Good practices

Project co-financed by the European Regional Development Fund



Aim of the presentation









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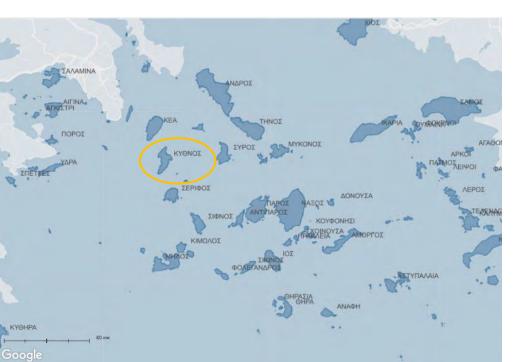
Kythnos island

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- ✓ 1608 inhabitants
- ✓ 56 n.m. from Piraeus
- ✓ Non-interconnected
- $\checkmark\,$ Developing tourism sector





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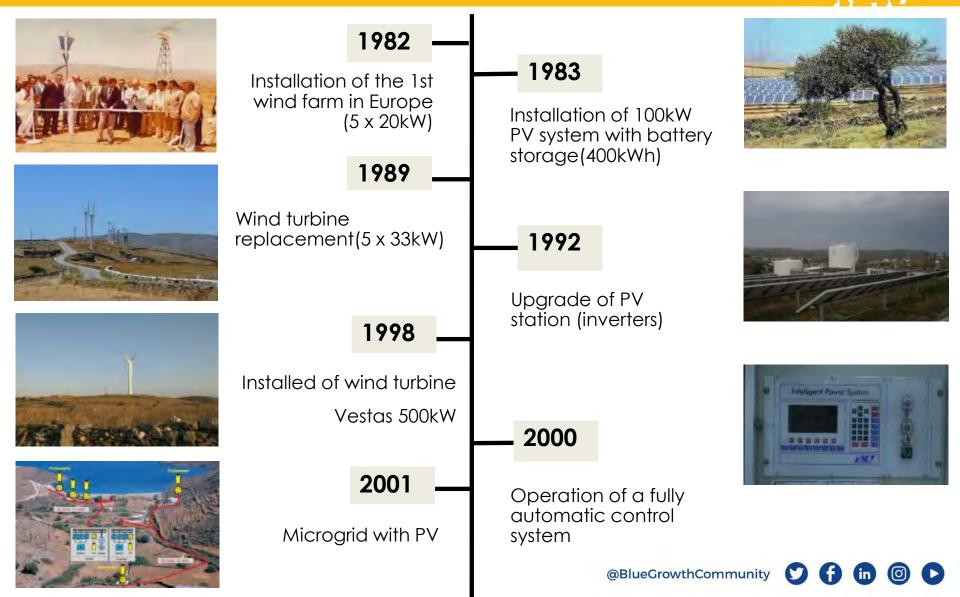


A historical test-bed for RES

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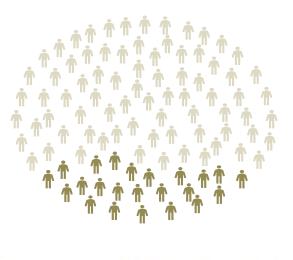
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EXAMPLE COMMENSION

Initially, we supported the Municipality of Kythnos to develop an Island Sustainable Energy Action Plan (ISEAP) back in 2013 in the frame of the Pact of Islands initiative.



However, the interest of the local authority and stakeholders to participate and fuel the process **was rather limited**.



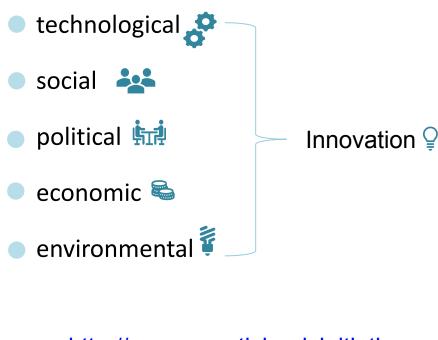
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The Smart Islands Initiative

The Smart Islands Initiative is a **bottom-up** effort which seeks to convey the potential of islands to function as laboratories of:





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Key areas of intervention



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An integrated and holistic **island transition process** aiming to:

- Clean energy transition
- Efficient use of natural resources
- Sustainable tourism
- Local development



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Methodology

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Mapping interested stakeholders

✓ Identification of stakeholders and methods for their approach

✓ Categorization of stakeholders by their degree of involvement

Political and social support of the project

- ✓ Targeted contacts
- ✓ Activation of citizens for their participation in the actions of the project
- ✓ Establishment of a local action group
- ✓ Field visits

Participatory planning of a common local vision

- ✓ 1 open event (residents and local organizations)
- ✓ 2 workshops in targeted groups of stakeholders (Municipal Employees)

SWOT analysis of the project with the key stakeholders✓ Workshop for evaluation of the proposed action plan



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Supporting the financing of local development projects



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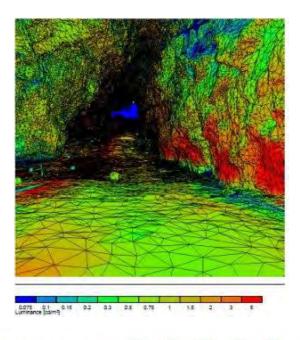


- "Restoration of the "Katafiki" Cave of Dryopida, Kythnos"
- "Digital Guide to the folklore culture and the rural economy of Kythnos"
- "Cultural Route of Kythnos"















Invitation to the European Economic and Social Committee



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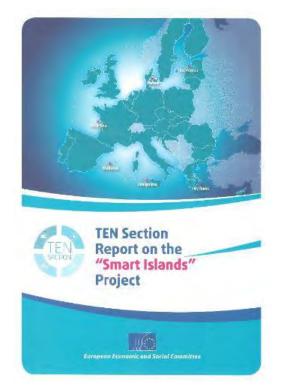
Invitation to the EESC - May 2016

Project co-financed by the European Regional Development Fund





Kythnos included in the "Smart Islands" - September 2016



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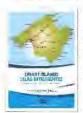
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Presentation of the islands

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Action #3 (Top-down)

Kythnos participation as a demo site in the WISEGRID H2020 project





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WISEGRID Local meeting with visitors – June 2017







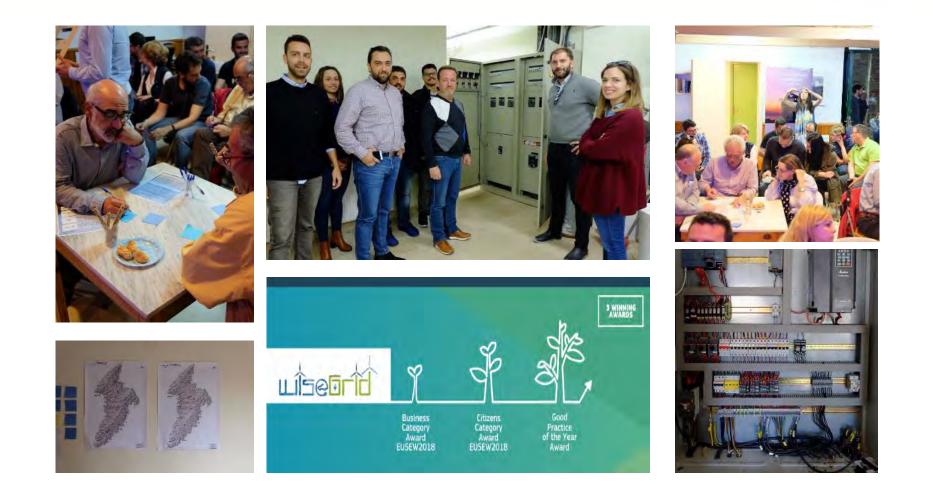
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Public participatory planning implementation – May 2018



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Installation of batteries with local citizens – June 2019





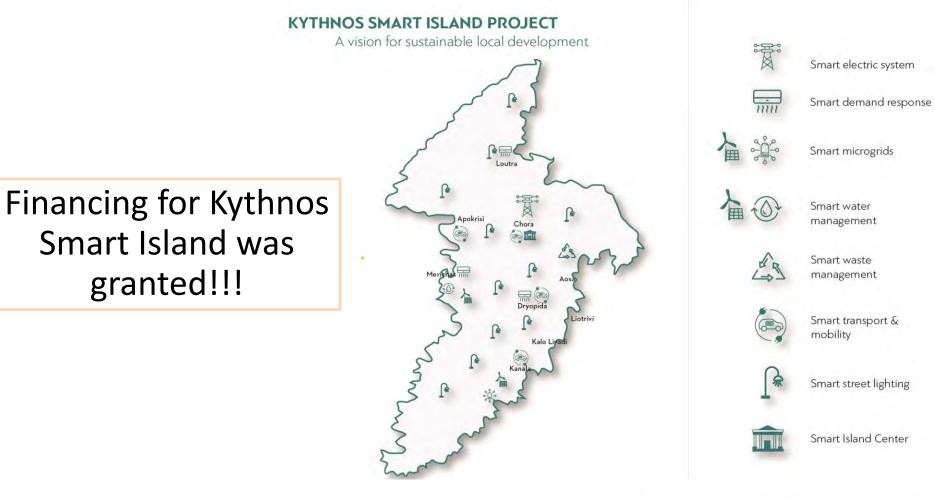


Outcome from the actions

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Workshop: Citizens on decision making process (KSI) - 2019







Targeting the location of interest and the transport vehicle - 2019



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Takeaway from Kythnos Smart Island

Dealing in priority with local major problems of a specific territory, enhancing the livelihood of the locals, may lead to gain the trust of the residents.

Thus, stakeholders and citizens are more eager to listen to proposals and engage.







Thank you for your attention

More about Kythnos Smart Island:

https://www.youtube.com/watch?v=hHDxZVZQeJI&ab_chann el=DAFNINetworkDAFNI

More about MED Renewable Energy:

https://renewable-energies.interreg-med.eu/

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	LOCAL4GREEN
and the second sec	PEGASUS
TIT	PRISMI
RENEWABLE	StoRES

COMPOSE	Rural Communities engaged with positive energy
FORBIOENERGY	Forest Bioenergy in the Protected Mediterranean Areas
LOCAL4GREEN	Local Policies for Green Energy
PEGASUS	Promoting effective generation and sustainable uses of electricity
PRISMI	Promoting RES Integration for Smart Mediterranean Islands
STORES	Promotion of higher penetration of distributed PV through storage for al