

Clean Energy for EU Islands Secretariat



Het initiatief

POLITICAL DECLARATION ON CLEAN ENERGY FOR EU ISLANDS
VAREKTA 18 May 2017

Inherent EU islands are often well placed to employ innovative solutions and access energy resources that mitigate fossil resource production, storage, handling, and distribution costs, to reduce dependence on energy, to face energy and EU energy policy.

Recognising that with their strong sense of community and their historical presence, EU islands are in the forefront of clean energy transition. We pledge that several of them are already global best-practices and to continue supporting their innovative and sustainable initiatives with the support of the EU and the Commission in the future.

Understanding that EU islands are very diverse and, in addition, their location, geographic and climate patterns, size and population, present specific opportunities and challenges that require tailor-made solutions.

Acknowledging that many EU islands face high energy costs and challenges regarding energy security of supply due to their geographic isolation, small economies of scale and to many cases, reliance on imported fossil fuels and limited or lack of connections to the EU single energy market.

Noting that many EU islands will only heavily on diesel fuel used to generate electricity, with significant negative impacts on emissions, the competitiveness of tourism, and the economic growth by the inefficient use of administrative resources and financial aid to mitigate and offset high electricity prices for local consumers.

Taking into account that tourism is a key sector for many EU islands' economies, resulting in seasonal energy demand which poses a strain on island resources and infrastructure.

Acknowledging that alternative fuels, indigenous renewable energy including marine energy, energy efficiency measures, implemented with innovative activities, and connections, when aligned with the EU's electricity and gas networks are important drivers for sustainable and resilient economic growth and the development of local skills and jobs for the communities in EU islands.

Recognising that many islands and their marine ecosystems are unique ecosystems that require special attention during infrastructure planning and development.

Highlighting, in the context of the 2015 Paris Climate agreement, the vulnerability of islands to climate change and the importance that a clean energy transition along with national climate resilience plans to mitigate this risk.

Having signed among other initiatives, by the European Parliament's resolution on the special situation of islands (2015/2014/RSFP) stressing the European islands' potential to contribute to strengthening sustainable development in the Union.

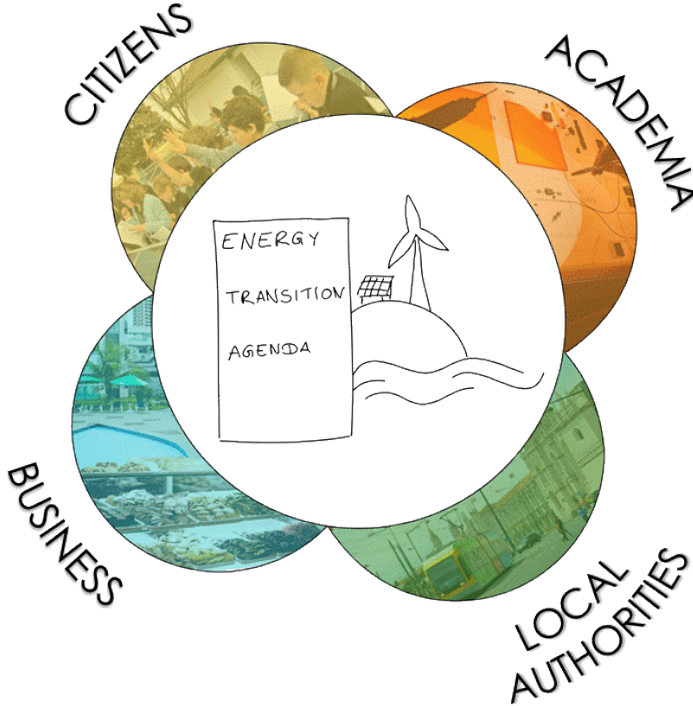
Clean energy for EU Islands
Inaugural Forum
22 September 2017 Chania, Crete - Greece

#CE4EUislands
#CleanEnergyIslands

Een EU-brede gemeenschap van eilanden

Objectief

Faciliteer de EU-eilanden transitie naar duurzame energie van onderop



Een EU-brede gemeenschap van eilanden



... Met een breed netwerk van ondersteuning



Verbinding van eilanden en experts door heel Europa



Verbinding van eilanden en experts door heel Europa

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Activity keywords:


Name of organisation:


Country:
 Number of members:
 Type of organisation:


Languages spoken:


Include any organisations



3E
 SUPPORT ORGANISATION
 3E is an independent consultancy and software service company, delivering solutions for performance optimisation of renewable energy and energy efficiency projects. We provide expert services covering the whole project lifecycle, to support project developers, asset managers, operators, investors, and policy-makers. SynaptIQ, 3E's performance monitoring software, facilitates asset management, effective maintenance, operations and reporting on portfolios of renewable energy assets. Our key areas of expertise are: [READ MORE](#)



ABO Wind AG
 SUPPORT ORGANISATION
 ABO Wind is a globally successful project developer for renewable energies with over 550 employees. Since 1996, the company has connected around 700 wind energy, solar and biogas plants with an output of 2,400 megawatts to the grid. [READ MORE](#)


Agência Portuguesa do Ambiente - APA
 Member of the Transition Team of *Ilha da Culatra (Portugal)*
 The Portuguese Environment Agency (APA) is a new public institute, within the scope of the Portuguese Ministry of the Environment and Energy Transition. Our mission is to propose, develop and monitor, on an integrated and participated manner, the public policies for the environment and sustainable development, in close cooperation with other sectoral policies and public and private entities. APA counts nowadays with more than 800 highly skilled employees and consultants. [READ MORE](#)


Agência Regional de Energia e Ambiente do Algarve - AREAL
 Member of the Transition Team of *Ilha da Culatra (Portugal)*
 AREAL is a non-profit association composed of several local and national entities that acts in cooperation with international entities in the same area. We promote regional energy innovation by developing projects aimed at increasing the use of renewable energy sources, increasing energy efficiency and certification through the introduction of the latest technologies. [READ MORE](#)


Águas do Algarve, S.A
 Member of the Transition Team of *Ilha da Culatra (Portugal)*
 Águas do Algarve, SA, has the mission of guaranteeing the supply of water for human consumption and the treatment of wastewater according to the highest standards of quality and reliability, within a framework of economic, social and environmental sustainability. [READ MORE](#)


akaryon GmbH
 SUPPORT ORGANISATION
 akaryon is a research-based SME specialized in environmental informatics. Our main topics are sustainability, renewable energies and the protection of the environment. By developing software and tools in this context we assist companies and public bodies in fulfilling legal and other (environmental) requirements: [READ MORE](#)



Akuo Energy
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Hub Ireland (IE)



The Clean Energy Energy Transition Hub for Ireland is the platform, where all organisations and islands can find relevant information for the Clean Energy Transition on Irish Islands. Please add all relevant information, articles and links, related to Ireland (ex. good practice, news articles, research reports, regulations and policy directives) that can be of interest for pushing forward the Clean Energy Transition.

[Add my organisation to this hub](#)



Island Clean Energy Transition Pledge

All signing parties are in full knowledge of the official transition charter (link to long charter document) summarised below and therefore pledge to:


- Take a leading role in the full de-carbonisation of the island;
- Assure all relevant stakeholders are informed and included knowing their individual and responsibilities throughout this process;
- Strengthen the transition agenda by welcoming all relevant organisations on the island who wish to pledge together with us and also welcome expertise and support organisation from outside the island into the process where needed;
- Ensure a balanced and fruitful collaboration across all relevant stakeholder groups.

In pursuing this goal, we will develop an island-wide clean energy transition agenda in the next 12 months describing the process for **Community Building**, the **Island Wide Decarbonisation Plan** and an appropriate **Financing Concept** to fulfil our goal.

We the undersigned are fully supportive of the aims and commitments outlined above. Together we sign this Island Clean Energy Transition Charter on behalf of:

<input type="text"/>	<input type="text"/>
Signature _____	Name of Public/Local authority, Name of Mayor _____
Signature _____	Name of Organisation, Position/Title _____
Signature _____	Name of Organisation, Position/Title _____
Signature _____	Name of Organisation, Position/Title _____
Signature _____	Name of Organisation, Position/Title _____
Signature _____	Name of Organisation, Position/Title _____

I, (Name of the island coordinator), [or Job title (chair of the board/mayor/etc.) of (Name of the island)] have been mandated by the island transition group on (date) to display our joint commitment for decarbonising our island as part of the Clean Energy for EU Islands.



Declaration of support

I, (Name of the CEO/President/Chair of the board/representative) [or Job title] of (Name of organisation) have been mandated by the Board/Chair/representative of (Name of organisation) to display our support to Clean Energy for EU Islands initiative.

Specifically, my organisation will work towards:


- Supporting the members of the Clean Energy for EU Islands initiative with their expertise and resources;
- Supporting relevant expertise and resources;
- Supporting energy transition agendas and financing concepts;
- Supporting energy transition agendas and financing concepts;
- Participating in the Clean Energy for EU Islands initiative, mobilising existing and potential new members of the Clean Energy for EU Islands initiative with its Island initiative through their Island committees, and subsequently with their Island initiative through their Island committees, and subsequently with their Island initiative through their Island committees, and subsequently with their Island initiative through their Island committees;
- Collaborating with other members of the Clean Energy for EU Islands Community and our specific expertise and experience at the service of the island's full decarbonisation. Members of the expert panel will be available by the sides of the members of the EU Island Community;
- Participating in the Clean Energy for EU Islands initiative, mobilising existing and potential new members of the Clean Energy for EU Islands initiative with its Island initiative through their Island committees, and subsequently with their Island initiative through their Island committees;

We are aware of the ongoing transition terms and we are ready to contribute towards full decarbonisation of EU Islands requires a collective effort and my organisation is committed to participate in the process.

I, (Name of the island coordinator), [or Job title (chair of the board/mayor/etc.) of (Name of the island)] have been mandated by the island transition group on (date) to display our joint commitment for decarbonising our island as part of the Clean Energy for EU Islands.

Name of the person making the declaration

Signature



Verbinding van verschillende bestuursniveaus



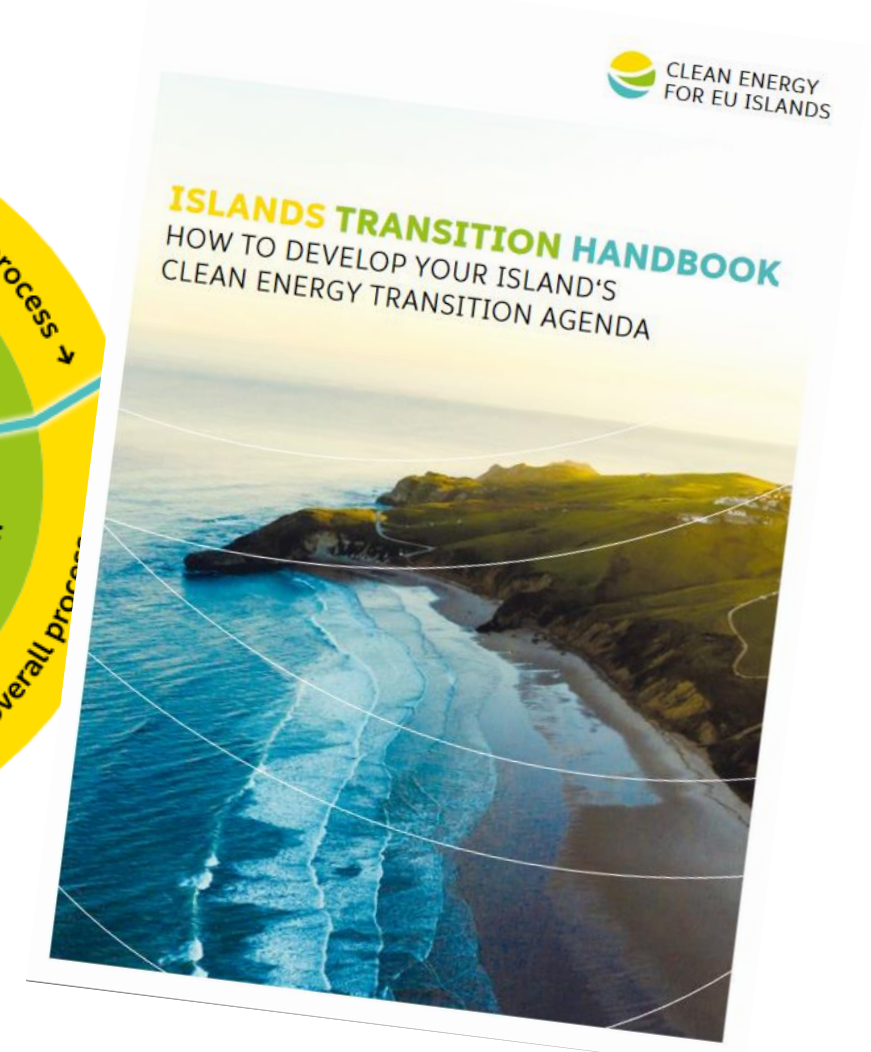
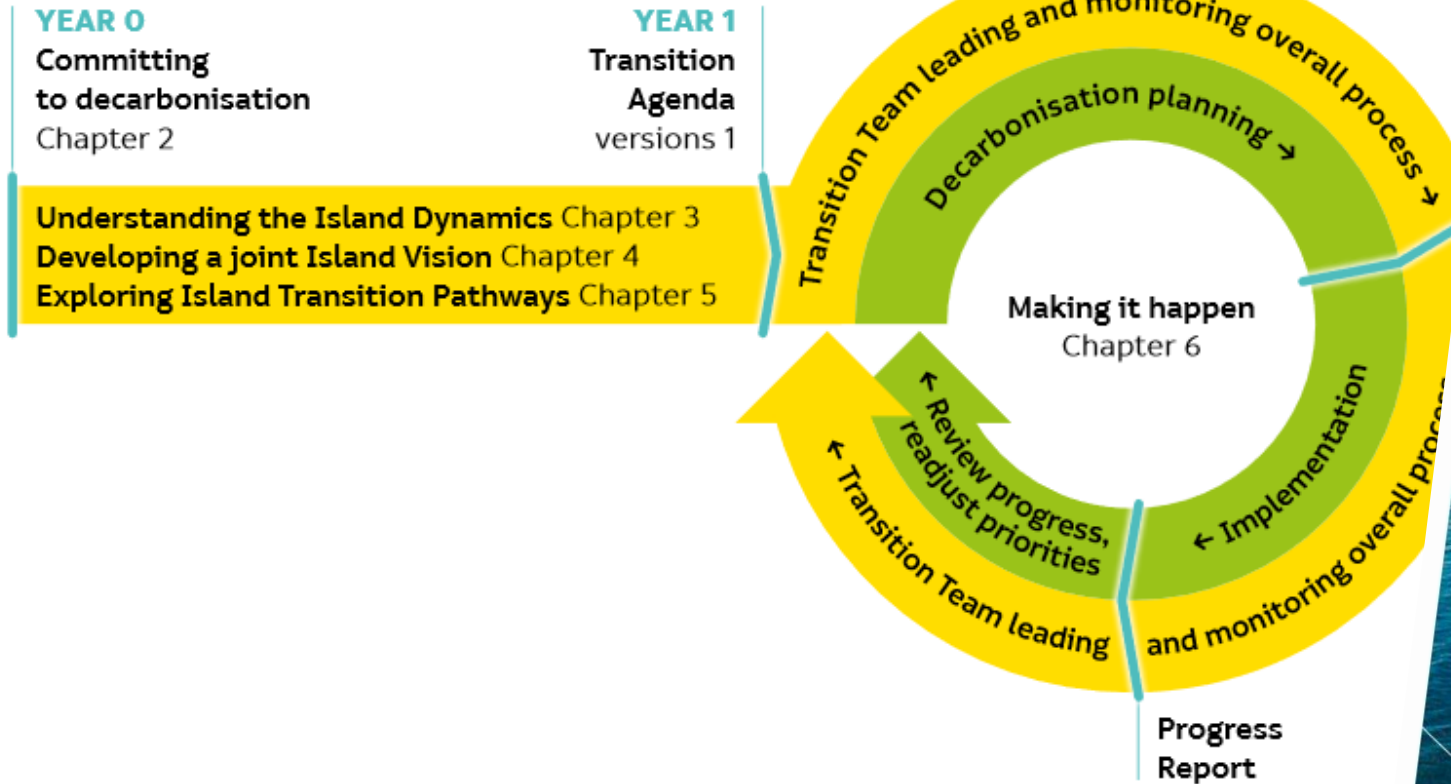
Culatra, Portugal

Cres-Losinj, Croatia



Aran Islands, Ireland

Ondersteuning van het Secretariaat



Clean Energy Transition Agendas



Aran Islands Transition Agenda



Cres-Lošinj Transition Agenda



Culatra Transition Agenda



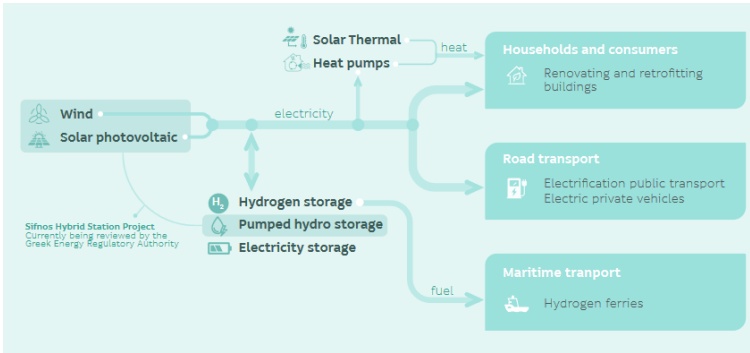
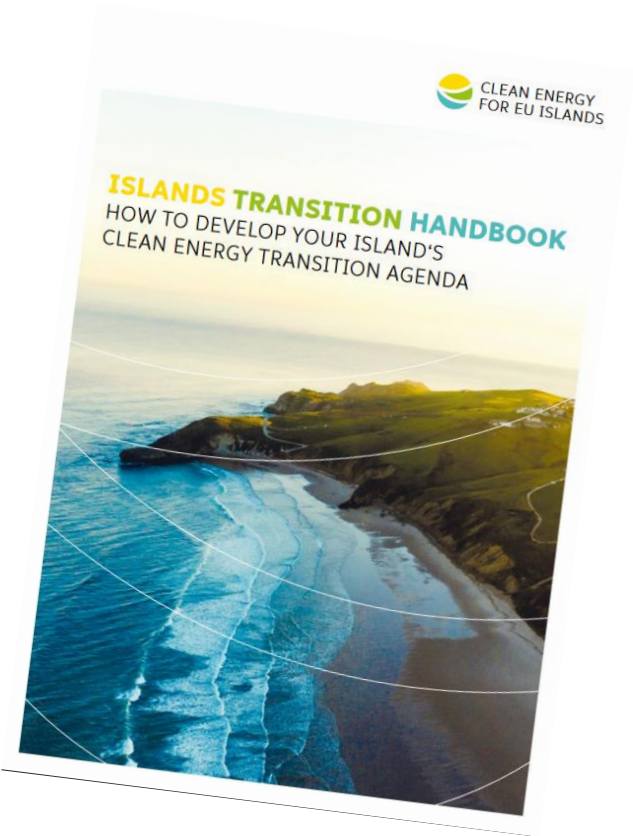
La Palma Transition Agenda





Salina Transition Agenda



Sifnos Transition Agenda



Pilot & Pioneering eilanden

-  Pilot island
-  Pioneering island



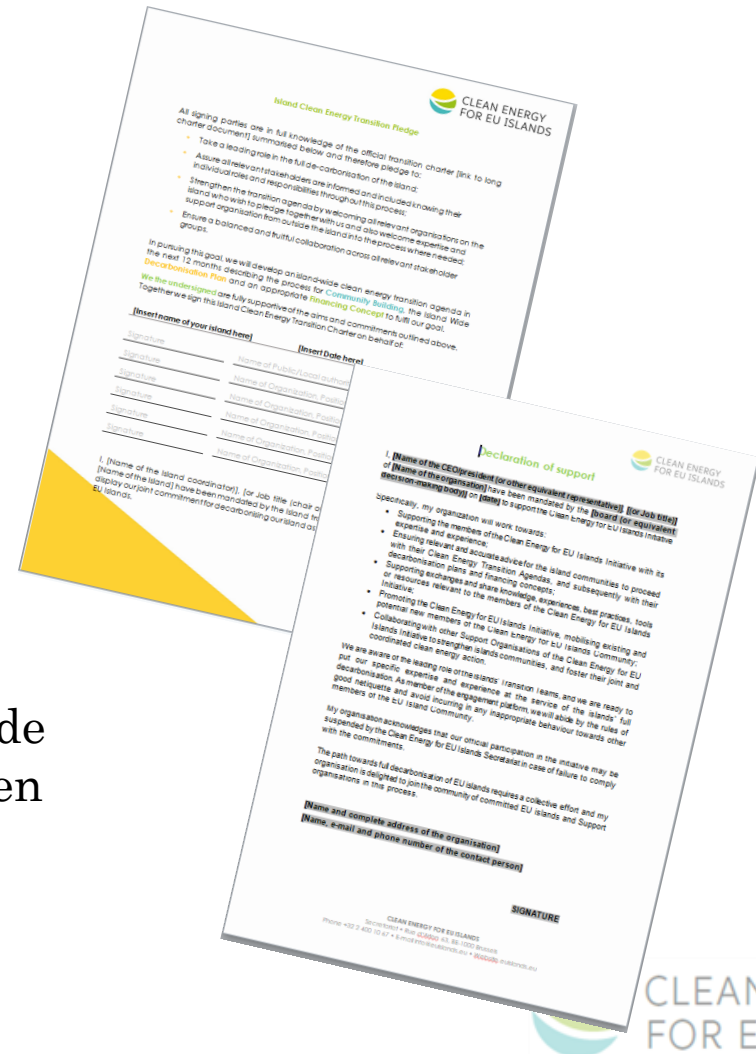
De beweging uitbreiden en consolideren

- The Clean Energy for EU Islands Pledge

Consolideren en verbreden
de Transitieteams op de eilanden

- The Declaration of Support

Het onder de aandacht brengen en mobiliseren van de
'externe' ondersteuningsorganisaties die ze kunnen bieden



Warom een Clean Energy Transition Agenda?



Waroom een Clean Energy Transition Agenda?

AGENDA PER LA TRANSIZIONE ENERGETICA



Salina Aeolian Islands, Italy



Salina in a nutshell

The second largest of the Aeolian Islands
Located off the Sicilian North-East coast
A volcanic island with high biodiversity
Declared World Heritage in 2000

Population increases by 210% during the summer
Permanent population: 2,600
Peak during the summer months: 8,000

Well connected to mainland, Calabria and Sicily
Both by boat and hydrofoil.
70 km from Milazzo (Sicily).
1.5 h by hydrofoil.

Energy System Description

	Final Energy Consumption in 2018 [MWh]	CO ₂ [tonnes]
Electricity	3,767	3,764
Waste	3,76	487
Transport & Heat	11,028	16,294
Transport on Island	11,754	3,389
Other	1,284	343
TOTAL	28,745	24,277

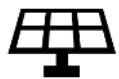
Electricity

Non-interconnected

Project-specific ondersteuning



Project-specific ondersteuning



Zon energie

Marie-Galante (FR)
Culatra (PT)
Korcula (HR)
Capraia (IT)
Pianosa (IT)



Financiering

Kythira (GR)
Spetses (GR)
Menorca (ES)
Mallorca (ES)
Bere (IE)



RES potential

Dugi Otok (HR)
Connemara (IE)
Fur (DK)
Salina (IT)
Gorgona (IT)



Wind energie

Aran islands (IE)
Valentia (IE)



Netwerk

La Palma (ES)
Zirje (HR)
Azores (PT)



Gebouwen

Cyprus (CY)
Curacao (NL)
Kassos (GR)

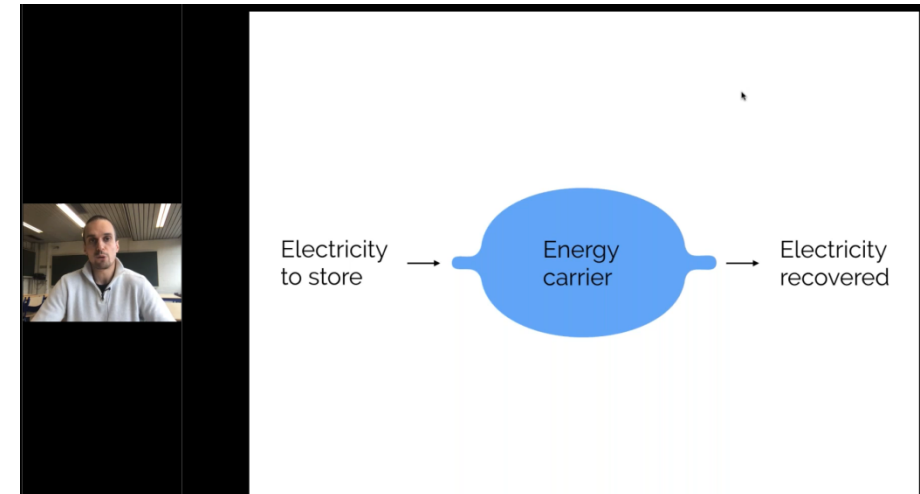
Lokale eilandgemeenschappen versterken door workshops...



...en webinars

How to involve citizens?

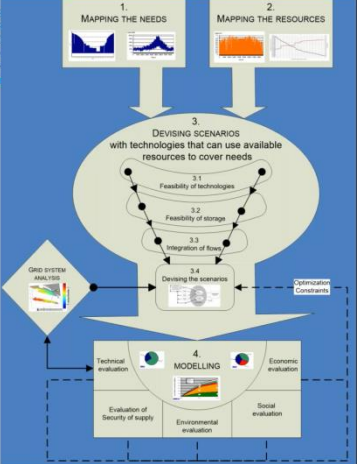
- Co-Design
- Crowdsourcing
- Crowdfunding
- Crowdinvesting



UNIVERSITY OF ZAGREB FACULTY OF MECHANICAL ENGINEERING AND NAVAL ARCHITECTURE

RenewIslands/ADEG METHODOLOGY

1. Mapping the needs
2. Mapping the resources
3. Devising scenarios with technologies that can use available resources to cover needs
4. Modelling the scenario



Renewable and Sustainable Energy Reviews
RenewIslands methodology for sustainable energy and resource planning for islands

RenewIslands methodology for sustainable energy and resource planning for islands

RenewIslands methodology for sustainable energy and resource planning for islands

Alle webinar materiaal is beschikbaar op euislands.eu/webinars

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CLEAN ENERGY TRANSITION AGENDA | TRANSITION INDICATORS | PROJECT SUPPORT | LIBRARY | **WEBINARS**

Horizon 2020 and Project Development
(19 September 2019)
[view the webinar here](#)

Transition Management
(29 October 2019)
[view the webinar here](#)

Clean Energy For EU Islands & CoM
(13 November 2019)
[view the webinar here](#)

How can decision-makers create a favorable legal context for their islands?
(27 February 2020, 11h00-12h00 CET)
[view the webinar here](#)

What does the Clean Energy Package bring to EU islands?
16 March 2020, 15h00-16h00 CET
[view the webinar here...](#)

Energy efficiency in buildings, heating & cooling
31 March 2020, 12h00-13h00 CET
[view the webinar here](#)

How can local community engagement accelerate the clean energy transition?
(10 December 2019, 10h00 CET)
[view the webinar here](#)

Sustainable transport solutions for islands
(23 January 2020, 11h00-12h30 CET)
[view the webinar here](#)

Renewable energy on islands: electricity storage and integration challenges.
(10 February 2020, 13h00-14h00 CET)
[more information here](#)

Developing a renewable energy project: challenges and good practices
(16 April 2020, 11h00-12h00 CET)
[view the webinar here...](#)

How can islands mobilise finance for their energy transition?
(6 May 2020, 11h00-12h00 CET)
[register here...](#)

How can education & schools support the energy transition?
19 May 2020, 14h00-15h00 CET
[register here...](#)

Clean Energy for EU Islands: The Memorandum of Split

Het MoU van Split, ondertekend door 14 lidstaten samen met de Europese Commissie, zorgt voor de totstandbrenging van een langetermijnstructuur om de EU-eilanden te ondersteunen bij hun energietransitie. Het initiatief heeft tot doel:



- to support islands in their transition agendas
- to promote the participation, engagement and empowerment of citizens
- to facilitate the creation of renewable energy communities
- to promote projects
- to promote the exchange of best practices

Clean Energy for EU Islands online forum: 26-29 October 2020



Doe mee met het
Clean Energy for EU Islands forum!



Organise your own local
transition day



Send us a video of your island



Dank u voor uw aandacht!

Meer informative & contact:

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info@euislands.eu

antonia.proka@euislands.eu