

Clean energy for EU Islands Forum

20-22 November 2019

14.00 - 14.10 - **Welcome by the hosts**

Ms Ditte Juul-Jørgensen, Director General for Energy
Mr Damir Caric, Split Dalmatia County Council

Introduction

Clean Energy Transition Agenda **Impressions from Pilot islands**

Split 20 November 2019

CETA's in short

- Long term energy planning anchored locally
- Joint multi-stakeholder vision for decarbonisation
- Island wide
- Definition of roles and responsibilities in the clean energy transition

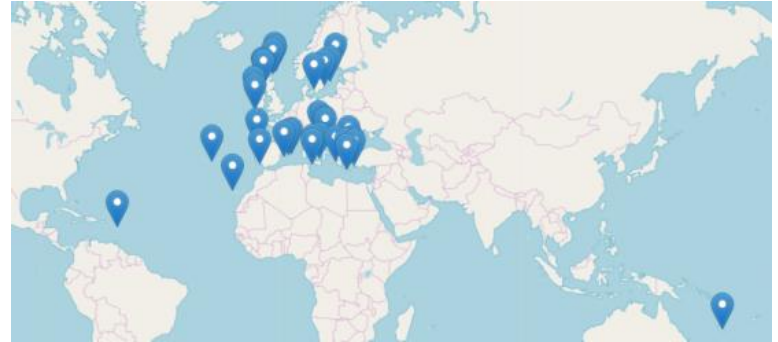
CETA support

To kick-start

- 6 Pilots
- 20 Pioneers

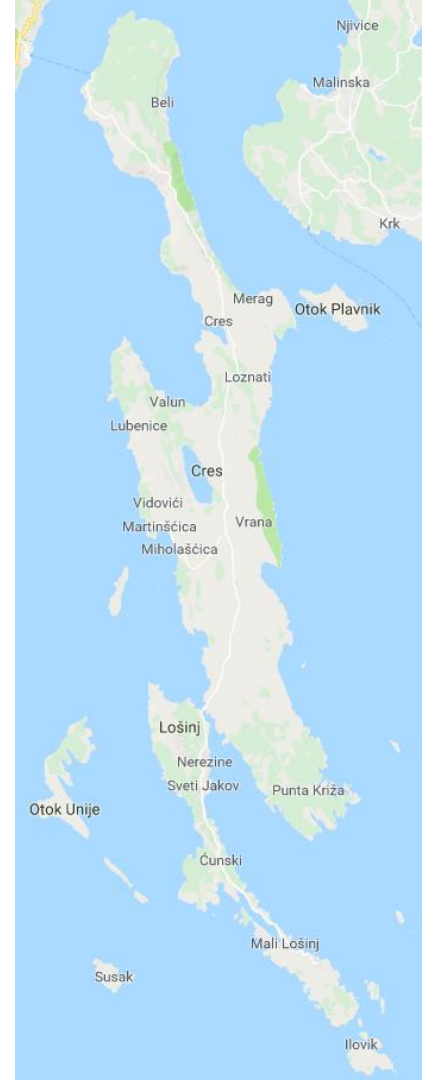
For everyone:

- A common methodology
- Capacity building
- EU-wide community



Ugo Toić, Transition Coordinator

CRES-LOŠINJ ARCHIPELAGO



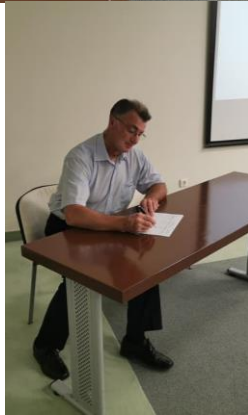
The CETA in numbers

- Island Development Agency (OTRA) = coordinator
- Transition team = 6 members
- +40 stakeholders signed the pledge (35 included in the CETA)
- 4 meetings with stakeholders
- CETA delivered on 30 October

meetings / events

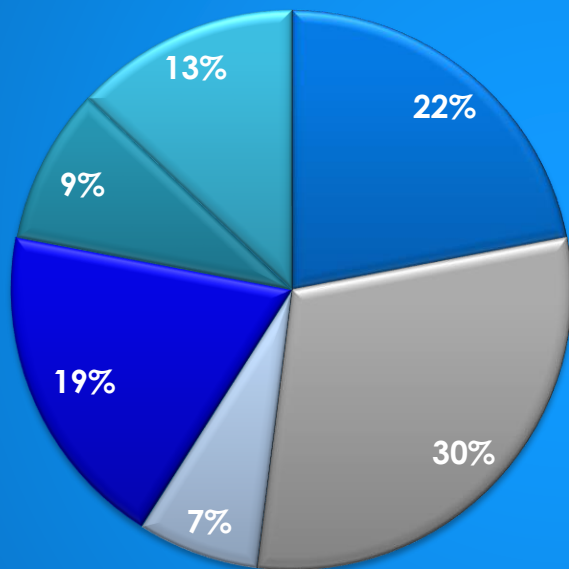


+40 stakeholders signed the pledge



Baseline emission inventory

CO₂ Emissions



- Transport on island
- Maritime transport public
- Maritime transport commercial
- Tertiary sector
- Industry
- Residential buildings

Vision 2030

The Cres-Lošinj archipelago is smart and energy self-sufficient; the local community is energy literate and actively involved in the energy transition, which will enable carbon neutrality (complete decarbonisation) by 2040.

Pillars

Electricity
generation

Buildings

Road
transport

Maritime
transport

Awareness

Governance

- Steering Committee
- New hiring (energy expert)
- Elaboration of project pipeline

Thank you!

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 CLEAN ENERGY
FOR EU ISLANDS

otra

OTOČNA RAZVOJNA AGENCIJA

 PAMETNO
OTOČJE
CRES-LOŠINJ



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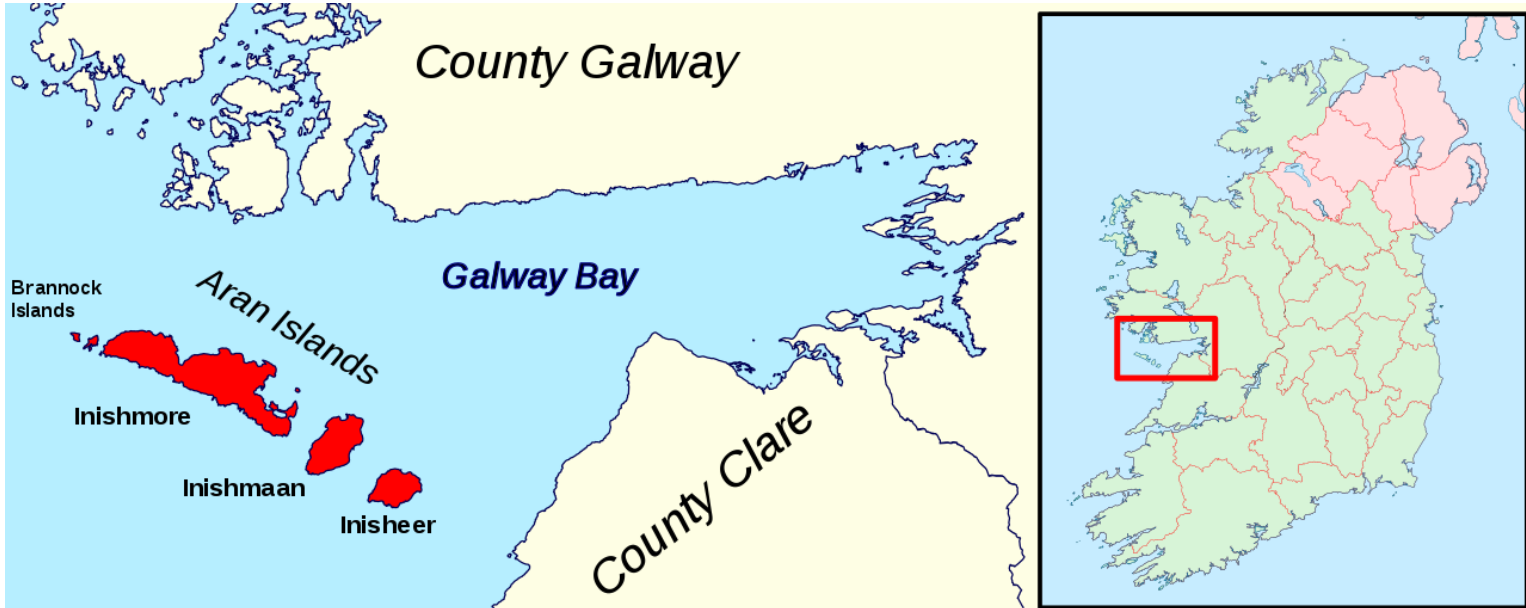
Comharchumann Fuinnimh Oileáin
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Aran Islands Energy Cooperative



ARAN ISLANDS, IRELAND

Dara Molloy, Chairperson





Population 1300.

Number of Shareholders in Energy Cooperative: 85.

Committee of 12 volunteers. 2 Employess.

10 organisations over the 3 islands are involved in The Transition Agenda

- 3 island Development Cooperatives
- Business community network
- 2 secondary schools
- Parish Committee
- Sailing Club
- Handball Club
- Sports Field committee

Activities Promoting the Transition Agenda

- Annual General Meetings of the Energy Cooperative
- Transition Agenda Meetings of the organisations involved
- Public Workshops, Seminars, Talks and Presentations
- Regular Newsletter to each household
- Communications via Local Radio, Email and Social Media



A Micro Grid on the Aran Islands

HOUSEHOLDS - PROSUMERS

- As **Consumers**
 - Are billed as per unit rate
- As **Producers**
 - Are paid as per unit rate

COMMUNITY OWNED UTILITY

- As **Supplier**
 - Bills its customers
- As **Purchaser**
 - Pays its local micro-generators

NATIONAL UTILITY – COMMUNITY POWER

- As **Supplier**
 - Bills Community Utility
- As **Purchaser**
 - Pays Community Utility



Progress Being Made:

Retrofitting: Up to 50% of buildings.

Clean Transport:

12 Electric Cars, 10 Electric Bikes,
1000 Bicycles, 30 Ponies and Traps

Local Energy Generation and Storage:

>70 buildings fitted with Photovoltaic Panels = 170 kw

>70 buildings fitted with Heat Pumps = 1 megawatt

2 Buildings fitted with Battery Storage = 40 kWh





Next Steps

Wind Turbine:

- Public Consultation
- Environmental and Feasibility Studies
- Planning Permission

Community Power:

- Grow our involvement in this community owned national utility.
- Work with MPOWER and others to develop our own Micro Grid.

Ocean Energy:

- Work with a number of research organisations.
- Work with a private company re installing wave energy system.



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Dara Ó Maoildhia
Dara Molloy
Chairperson

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Go Raibh Maith Agaibh!
THANK YOU!



Nuria Albet Torres, Transition Coordinator La Palma Renovable

LA PALMA (CANARY ISLANDS, SPAIN)

CETA Summary

- 4 organisations as motor team, LPR as coordinator
- +100 organisations that signed the **pledge**
- 5 sectorial **workshops** + 1 transversal + continuous work => 8 teams/ideas
- **ClimateView** as coordination tool + future plans



The pledge: a broad stakeholder recruitment



+100 organizations: associations, public administration, business, academia, schools ...

Workshops: working together and creating solutions



**TALLERES
SECTORIALES**



**TALLERES
TRASVERSALES**



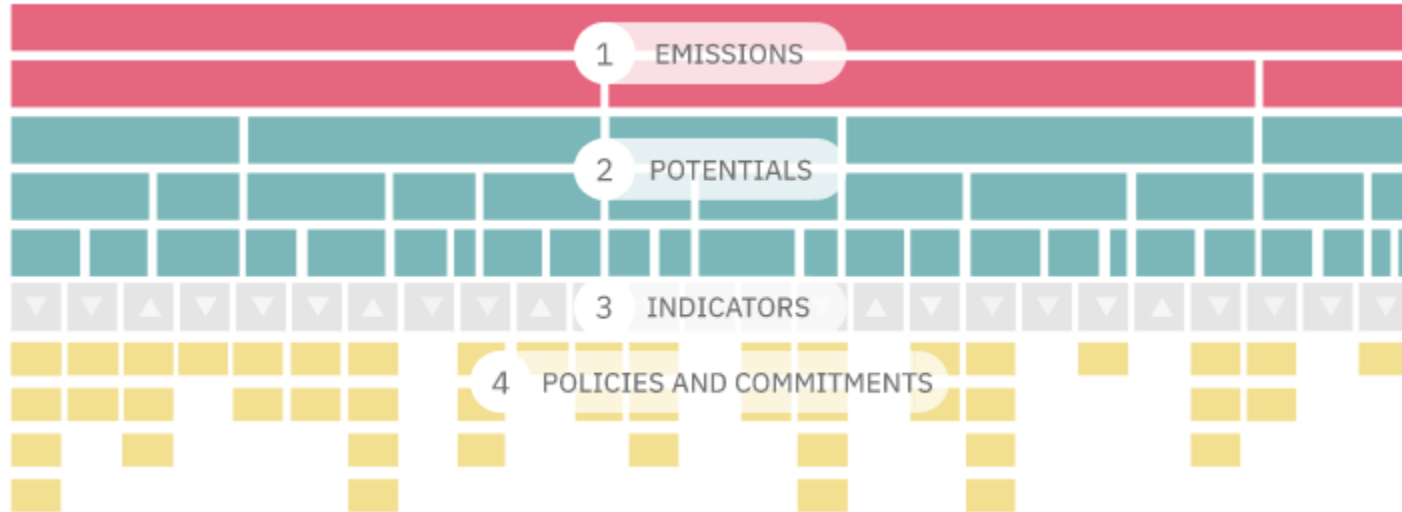
Workshops: working together and creating solutions



8 teams/ideas to decarbonize:

- water
- food
- transportation
- education
- renewable energy communities
- tourism

ClimateView: coordination and future plans



Commitments: new ideas + 100 decarbonization plans



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CABILDO
DE LA PALMA