



Soclimpact  
This project has received funding from the European Union's  
Horizon 2020 research and innovation programme under grant  
agreement No776661



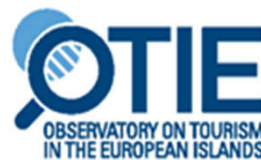
# Soclimpact

## EUROPEAN POLICIES TO SUPPORT EUROPEAN ISLANDS AS SUSTAINABLE TOURIST DESTINATIONS

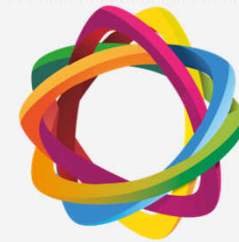
14<sup>th</sup> December 2018

Trèves Building

European Economic and Social Committee



# General Presentation



**SOCLIMPACT**

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# Presentation



**UE research project H2020 category “Climate Action, Environment, Resource Efficiency and Raw Materials”**

## **Soclimpact**

“DownScaling CLimate ImPACTs and decarbonisation pathways in EU islands, and enhancing socioeconomic and non-market evaluation of Climate Change for Europe, for 2050 and Beyond.”

## **Aim of the project**

- Modelling and assessing downscaled CC impacts and low carbon transition pathways in European islands and archipelagos for 2050 – 2100.
- Complementing current available projections for Europe, and nourishing actual economic models with non-market assessment, developing adaptation pathways

## **Starting of the project**

30 January 2018 in Las Palmas de Gran Canaria – Duration 3 years

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# Islands in the partnership



THE PROJECT ▾

ISLANDS ▾

KNOWLEDGE LIBRARY

SECTORS ▾

NEWS ▾

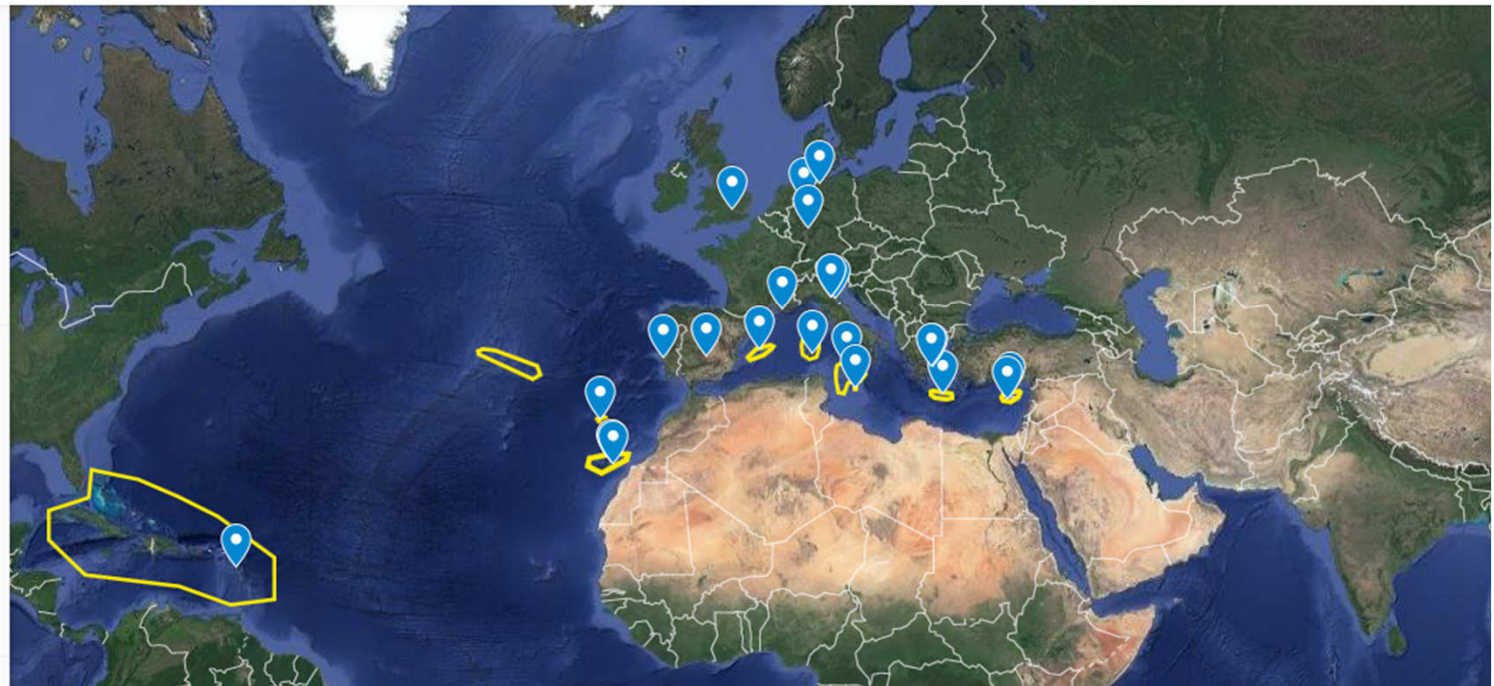


## ✓ Islands

- ▾ Azores
- Balearic Islands
- Canary Islands
- Corsica
- ... 8 autres

## ✓ Partners

- ▾ Instituto Tecnológico De Canari...
- Universidad de Las Palmas de ...
- Universitat de les Illes Balears (...)
- Centro Tecnológico de Ciencias ...
- ... 19 autres



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# 12 European Islands

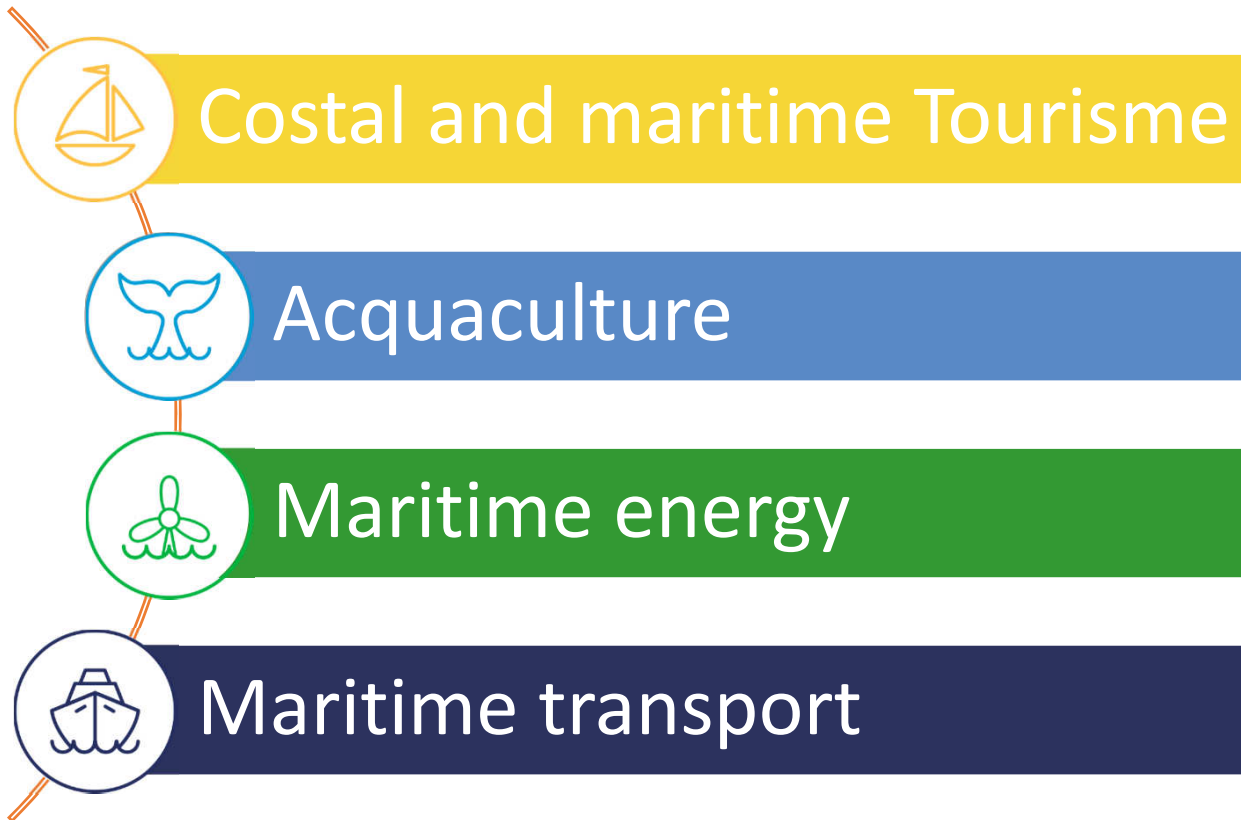


Açores	Baléares	Baltiques
Canaries	Corse	Crête
Chypre	Antilles	Madère
Malte	Sardaigne	Sicile

→ Understanding the impact of the climate change and the islands adaptation options

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# 4 Blue Economy sectors



→ Understanding the Blue Economy vulnerability to the climate change



Which is the  
scientific added  
value of  
SOCLIMPACT ?



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# Added value



## **Islands: understanding the impacts of the climate change and the adaptation pathways in fragile and less considered areas**

*Contribution of VA for 12 islands; peripheral regions; regional perspectives ...*

## **Blue economy: understand the impact of climate change on the Blue Economy**

*Important for the EU strategy on the Blue Economy*

## **Combine adaptation and mitigation**

*Resilience in low-carbon paths*



# Added value



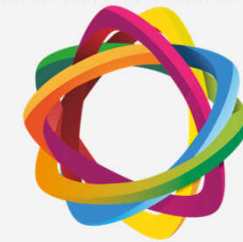
## Specific results for work package

- **Combination of the sea-climate recommendations (WP4)**
- **Measurement of non-commercial CC impacts (WP5)**
- **Introduction of non-commercial components in econometric models (WP5-WP6)**
- **Examination of adaptation paths (WP7)**
- .....

## Integration of scenarios and models of approach along the PIVA chain (Projet, Impact, Vulnerability, Adaptation)

**The consortium covers all the steps. Unique opportunity and interdisciplinary dialogues**

# Which are the main challenges of SOCLIMPACT ?



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# Main challenges



## Climate models

*Evaluating present and future weather and climate driven by environmental stresses, and recognising and disclosing possible new opportunities for economic growth*

## Socio economic modelling

*SOCLIMPACT aims to provide insights on the complementary use of contrasted modelling methodologies (the macro-econometric and the computable general equilibrium), thus driving the modelling approach further into increasing reliability and widen the domain to which the models can be applied*

# Benefits for Islands and polices suggestions



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# Benefits for Islands

- Modeling, on a reduced scale, of the climate on the island
- Modeling the impacts of climate change
- Analysis of the socio-economic impacts of the sectors of the blue economy
- Presentation and discussion of adaptation paths
- All these results can go to feed adaptation projects for the island



# Suggestion of EU concrete tourism policies for climate change impacts

SOCLIMPACT

- Define a vulnerability map for EU tourist destination indicating a different scale of risk (high, medium and low)
- Define and implement prevention policies for coast lines places with major vulnerability to the climate change
- Supporting a network of local observatories for monitoring the evolution of climate change

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# Thank you for your attention

