AT A GLANCE

TITLE:
DownScaling CLImate imPACTs and de-carbonisation pathways in EU islands, and enhancing socioeconomic and non-market evaluation of Climate Change for Europe, for 2050 and beyond.

CONSORTIUM:
A multidisciplinary consortium of 24 partners

COORDINATOR:
Universidad of Las Palmas de Gran Canaria

PROGRAMME:
H2020-SC5-06-2017

DURATION:
December 2017-November 2020

TOTAL COST:
€ 4,481,340.00

EU CONTRIBUTION:
€ 4,481,340.00

SOCLIMPACT

Downscaling Climate Impacts and decarbonisation pathways in EU Islands

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 776661

SOCLIMPACT PARTNERS

1. UNIVERSIDAD DE LAS PALMA DE GRAN CANARIA (Spain)
2. INSTITUTO TECHNOLOGICCO DE CANARIAS, S.A. (Spain)
3. NIVERSITAT DE ILLES BALLEARS (Spain)
4. CENTRO TECHNOLOGICO DE CIENCIAS MARINAS (Spain)
5. UNIVERSITY OF CASTILLA LA MANCHA(Spain)
6. INSTITUTE OF ECONOMIC STRUCTURES RESEARCH (Spain)
7. TOURISME TERRITOIRES TRASNPORTS ENVIRONMENT CONSEIL (Portugal)
8. AGENCIA REGIONAL DA ENERGIA E AMBIENTE DA REGIAO DA MADEIRA (Portugal)
9. CYPRUS UNIVERSITY OF TECHNOLOGY - THE CYPRUS INSTITUTE- THE ENERGY, ENVIRONMENT & WATER RESEARCH CENTRE(Cyprus)
10. NATIONAL OBSERVATORY OF ATHENS (Greece)
11. OBSERVATORY ON TOURISM IN THE EUROPEAN ISLAND (Italy)
12. ANCI SARDINIA (Italy)
13. AQUABIOTECH LIMITED (Malta)
14. INTERFUSION (Cyprus)
15. BUCKINGHAMSHIRE NEW UNIVERSITY-INSTITUTE FOR CONSERVATION, SUSTAINBILITY AND INNOVATION (United Kingdom)
16. AGENZIA NAZIONALE PER LE NUOVE TECNOLOGIE, L'ENERGIA E LO SVILUPPO ECONOMICO SOSTENIBILE (Italy)
17. UNIVERSITÉ DES ANTILLES (French- French Antilles)
18. E3M (Greece)
19. BALTIC ENVIRONMENTAL FORUM (Germany)
20. UNIVERSITY OF BOLOGNA (Italy)
21. FONDAZIONE CENTRO EURO-MEDITERRANEO SUI CAMBIAMENTI CLIMATICI (Portugal)
22. FUNDAÇÃO da FACULDADE de CiêNCIAS da UNIVERSIDADE de LISBOA (Portugal)
23. GOETHE UNIVERSITY FRANKFURT (Germany)
24. KRITI (Greece)

SOCLIMPACT

The project aims at modelling and assessing downscaled climate change impacts and low carbon transition pathways in European islands and archipelagos for 2030-2100, complementing current available projections for Europe, and nourishing actual economic models with non-market assessment. The project will develop a thorough understanding on how climate change will impact the EU islands located in different regions (Cyprus and Malta; Baltic Islands, Balearic Islands, Sicilia, Sardinia, Corsica, Crete, Azores, Madeira, Canary Islands and French West Indies)

- Modelling climate impacts
- Modelling socio-economic impacts
- Mapping transition pathways in islands
- Supporting policy decision making processes
- Measuring non-market costs of climate change
- Vulnerability assessment and complex impact chains

Objectives of SOCLIMPACT

- Contributing to the improvement of the economic valuation of climate impacts and related policies for the EU's Blue Economy sectors, by adopting revealed and stated preference methods
- Increasing the effectiveness of the economic modelling of climate impact chains, through the implementation of an integrated methodological framework (GINFORS, GEM-E3 and non-market indicators), in the analysis of climate induced socioeconomic impacts in 11 EU islands case studies, under different climate scenarios
- Facilitating climate-related policy decision making for Blue Growth, by ranking and mapping the more appropriate mitigation and adaptation strategies
- Delivering downscaled and accurate information to policy makers, practitioners and other relevant stakeholders, about the environmental and socio-economic consequences of global climate change in the EU Blue Economy

AT A GLANCE

TYPE:
Research SME

LOCATION:
Mosta, MALTA G. C.

CAPABILITIES:
R&D / Consultancy / Engineering

EXPERTISE:
Aquaculture / Marine Research
Blue Growth / Aquatic Environment

AquaBioTech Group

Who we Are

AquaBioTech Group is an international aquaculture and fisheries consulting company strategically located in the Mediterranean, on the island of Malta. It operates globally, with clients and projects in over fifty-five countries. Staff are recruited from across the globe, enabling communication with clients in thirteen languages.

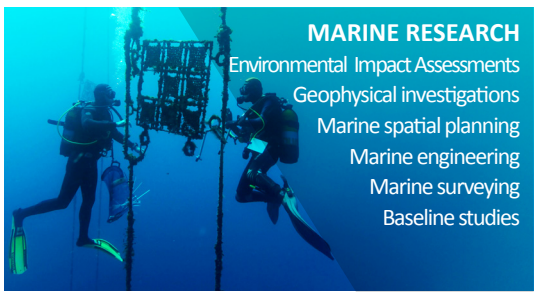
AquaBioTech Group undertakes a variety of aquaculture, fisheries, marine surveying, aquatic environmental, financial, and technical projects, performed with its selected, worldwide partners.

Our role in the SOCLIMPACT project

AquaBioTech Group's main tasks within the SOCLIMPACT project include:

- Act as the Island Focal Point for the Maltese islands and carry out a case study, which includes setting up a local working group, data mining, and undergoing fieldwork to gather data to measure non-market costs of climate change
- Lead and coordinate the sector group for aquaculture, one of the Blue Growth sectors identified by the European Commission
- Lead the identification of packages for adaptation, mitigation and risk management options for the island
- Assist other Island Focal Points regarding the aquaculture activities (impact chains, identification of indicators) for their islands

Our Research Activities



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