



Marine Coastal Ecosystems Biodiversity and Services in a Changing World

Fact Sheet

Project Information

MaCoBioS

Grant agreement ID: 869710

[Project website](#)

DOI
[10.3030/869710](https://doi.org/10.3030/869710)

Project closed

EC signature date
20 April 2020

Start date
1 June 2020

End date
30 November 2024

Funded under
SOCIETAL CHALLENGES - Climate action, Environment, Resource Efficiency and Raw Materials

Total cost
€ 6 980 657,50

EU contribution
€ 6 980 657,50

Coordinated by
UNIVERSITY OF PORTSMOUTH
HIGHER EDUCATION
CORPORATION
 United Kingdom

This project is featured in...



31 October 2024



23 January 2024



4 June 2024



Project description

Evidence-based guidance for marine policy formulation

As the most complex feature of our planet, biodiversity provides us with a range of ecosystem services upon which we depend, such as food, freshwater, pollination and protection against floods. But it's also in crisis. Knowledge on interrelations between climate change, biodiversity and ecosystem services is key to preserving ecosystems and fully integrating environmental requirements into policymaking. Considering marine coastal ecosystems (MCEs), which are European priority habitats, the EU-funded MaCoBioS project will investigate the impact of climate change on the most important MCEs, such as seagrass beds and kelp forests. It will develop empirical

models on interactions between climate change, biodiversity and functions and services of marine coastal ecosystems. MaCoBioS will also work to establish a framework to assess vulnerabilities and it will evaluate the effectiveness of nature-based solutions. The findings will assist in EU strategies on MCEs, biodiversity and climate change.

Fields of science (EuroSciVoc)

[natural sciences](#) > [biological sciences](#) > [marine biology](#)

[natural sciences](#) > [biological sciences](#) > [ecology](#) > [ecosystems](#)



Keywords

[Ecosystem services](#)

[Ecosystems ecological condition](#)

[Nature-based solutions](#)

[Policy guidance](#)

Programme(s)

[H2020-EU.3.5. - SOCIETAL CHALLENGES - Climate action, Environment, Resource Efficiency and Raw Materials](#)

MAIN PROGRAMME

[H2020-EU.3.5.1. - Fighting and adapting to climate change](#)

[H2020-EU.3.5.2. - Protection of the environment, sustainable management of natural resources, water, biodiversity and ecosystems](#)

Topic(s)

[LC-CLA-06-2019 - Inter-relations between climate change, biodiversity and ecosystem services](#)

Call for proposal

[H2020-LC-CLA-2018-2019-2020](#)

[See other projects for this call](#)

Sub call

H2020-LC-CLA-2019-2

Funding Scheme

[RIA - Research and Innovation action](#)

Coordinator



UNIVERSITY OF PORTSMOUTH HIGHER EDUCATION CORPORATION

Net EU contribution

€ 1 237 365,29

Total cost

€ 1 237 365,29

Address

WINSTON CHURCHILL AVENUE UNIVERSITY HOUSE

PO1 2UP Portsmouth

United Kingdom

Region

South East (England) > Hampshire and Isle of Wight > Portsmouth

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Participants (17)



NOVA BLUE ENVIRONMENT

France

Net EU contribution

€ 257 250,00

Address

RUE CHERY ROSETTE 14 FOND LAHAYE

97233 Schoelcher 

SME 

Yes

Region

RUP FR — Régions Ultrapériphériques Françaises > Martinique > Martinique

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 257 250,00



INSTITUT OCEANOGRAPHIQUE PAUL RICARD

 France

Net EU contribution

€ 493 075,00

Address

ILE DES EMBIEZ

83140 Six Fours Les Plages 

Region

Provence-Alpes-Côte d'Azur > Provence-Alpes-Côte d'Azur > Var

Activity type

Research Organisations

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 493 075,00



FUNDACAO GASPAR FRUTUOSO

 Portugal

Net EU contribution

€ 349 182,50

Address

RUA DA MAE DE DEUS CAMPUS UNIVERSITARIO DE PONTA DELGADA ILHA DE SAO MIQUEL

9500 321 Ponta Delgada 

Region

Região Autónoma dos Açores > Região Autónoma dos Açores > Região Autónoma dos Açores

Activity type

Research Organisations

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 349 182,50



NATIONAL UNIVERSITY OF IRELAND MAYNOOTH

 Ireland

Net EU contribution

€ 380 908,75

Address

CO KILDARE

W23 Maynooth 

Region

Ireland > Eastern and Midland > Mid-East

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 380 908,75



STICHTING WAGENINGEN RESEARCH

 Netherlands

Net EU contribution

€ 411 842,50

Address

DROEVENDAALSESTEEG 4
6708 PB Wageningen 

Region

Oost-Nederland > Gelderland > Veluwe

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 411 842,50



AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS

 Spain

Net EU contribution

€ 420 621,25

Address

CALLE SERRANO 117
28006 Madrid 

Region

Comunidad de Madrid > Comunidad de Madrid > Madrid

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

Total cost
€ 420 621,25



UNIVERSITE DE MONTPELLIER

 France
Net EU contribution
€ 382 500,00

Address
163 RUE AUGUSTE BROUSSONNET
34090 Montpellier 

Region
Occitanie > Languedoc-Roussillon > Hérault

Activity type
Higher or Secondary Education Establishments

Links
[Contact the organisation](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost
€ 466 250,00

 THIRD-PARTY

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS

 France
Net EU contribution
€ 83 750,00

Address
RUE MICHEL ANGE 3
75794 Paris 

Region
Ile-de-France > Ile-de-France > Hauts-de-Seine

Activity type
Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



FONDAZIONE CENTRO EURO-MEDITERRANEOSUI CAMBIAMENTI CLIMATICI

 Italy

Net EU contribution

€ 787 500,00

Address

VIA MARCO BIAGI 5
73100 Lecce 

Region

Sud > Puglia > Lecce

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 787 500,00



UNITED NATIONS EDUCATIONAL SCIENTIFIC AND CULTURAL ORGANIZATION

 France

Net EU contribution

€ 104 950,45

Address

PLACE DE FONTENOY 7
75007 Paris 

Region

Ile-de-France > Ile-de-France > Paris

Activity type

Research Organisations

Links

- Contact the organisation Website
- Participation in EU R&I programmes
- HORIZON collaboration network

Total cost

€ 104 950,45



FREIE UNIVERSITAET BERLIN

Germany

Net EU contribution

€ 478 591,25

Address

KAISERSWERTHER STRASSE 16-18
14195 Berlin

Region

Berlin > Berlin > Berlin

Activity type

Higher or Secondary Education Establishments

Links

- Contact the organisation Website
- Participation in EU R&I programmes
- HORIZON collaboration network

Total cost

€ 478 591,25



LUNDS UNIVERSITET

Sweden

Net EU contribution

€ 458 723,75

Address

Paradisgatan 5c
22100 Lund

Region
Södra Sverige > Sydsverige > Skåne län

Activity type
Higher or Secondary Education Establishments

Links
[Contact the organisation](#) [Website](#)
[Participation in EU R&I programmes](#)
[HORIZON collaboration network](#)

Total cost
€ 458 723,75



UNIVERSITY OF YORK

United Kingdom
Net EU contribution
€ 1 875,00

Address
HESLINGTON
YO10 5DD York North Yorkshire

Region
Yorkshire and the Humber > North Yorkshire > York

Activity type
Higher or Secondary Education Establishments

Links
[Contact the organisation](#) [Website](#)
[Participation in EU R&I programmes](#)
[HORIZON collaboration network](#)

Total cost
€ 1 875,00



THE UNIVERSITY OF THE WEST INDIES U WI*

Jamaica
Net EU contribution
€ 286 886,25

Address

MONA
7 Kingston 

Activity type
Higher or Secondary Education Establishments

Links
[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost
€ 286 886,25



UNIVERSITETET I OSLO

 Norway
Net EU contribution
€ 138 923,75

Address
PROBLEMVEIEN 5-7
0313 Oslo 

Activity type
Higher or Secondary Education Establishments

Links
[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost
€ 138 923,75



HUMMING DRONE

 France
Net EU contribution
€ 259 116,41

Address
32 LOTISSEMENT GONDEAU
97212 Saint Joseph 

SME 

Yes

Region

RUP FR — Régions Ultrapériphériques Françaises > Martinique > Martinique

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 259 116,41



THE UNIVERSITY OF EXETER

 United Kingdom

Net EU contribution

€ 447 595,35

Address

THE QUEEN'S DRIVE NORTHCOTE HOUSE

EX4 4QJ Exeter 

Region

South West (England) > Devon > Devon CC

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 447 595,35

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