**Fact Sheet**

**Project Information**

**INMARE**

Grant agreement ID: 634486

**DOI**

[10.3030/634486](https://doi.org/10.3030/634486)

**Closed project**

**EC signature date**

18 February 2015

**Funded under**

SOCIETAL CHALLENGES - Food security, sustainable agriculture and forestry, marine, maritime and inland water research, and the bioeconomy

**Total cost**

€ 7 396 689.65

**EU contribution**

€ 5 999 557.13

**Coordinated by**

BANGOR UNIVERSITY

United Kingdom

**Start date**

1 April 2015

**End date**

31 March 2019

**This project is featured in...**
Objective

INMARE stands for “Industrial Applications of Marine Enzymes: Innovative screening and expression platforms to discover and use the functional protein diversity from the sea”. It is a collaborative Innovation Action to streamline the pathways of discovery and industrial applications of new marine enzymes and bioactives for targeted production of fine chemicals, drugs and in environmental clean-up applications. The INMARE consortium will unify the multidisciplinary expertise and facilities of academic and industry partners. This will include integrating the following core activities: advanced technologies to access and sample unique marine biodiversity hot-spots; state-of-the-art technologies for construction of metagenomic libraries; innovative enzyme screening assays and platforms; cutting-edge sequence annotation pipelines and bioinformatics resources; high-end activity screening technology; bioanalytical and bioprocess engineering facilities and expertise, nanoparticle-biocatalysts; high-quality protein crystallization and structural analysis facilities and experts in IP management for biotechnology.

The companies involved in the project are market leaders in enzyme production and biocatalysis processes designed to efficiently deliver safer (pharmaceuticals) cheaper (agriculture) and biobased (biopolymers) products. They also have impressive track record in environmental clean-up technologies and are committed to promoting public understanding, awareness and dissemination of scientific research.

The main emphasis will be focused on streamlining and shortening the pipelines for enzyme and ‘bioactive compound’ discovery towards industrial applications through the establishing of marine enzyme collections with a high proportion of enzymes-“allrounders”. The project will also prioritize the identification of novel lead products and the delivery of improved prototypes for new biocatalytic processes.

Fields of science

natural sciences > biological sciences > marine biology.
Keywords

- metagenomic enzyme mining
- marine extremophiles
- genomics
- biocatalysis
- bioactive compounds

Programme(s)

**H2020-EU.3.2. - SOCIETAL CHALLENGES - Food security, sustainable agriculture and forestry, marine, maritime and inland water research, and the bioeconomy**

**H2020-EU.3.5. - SOCIETAL CHALLENGES - Climate action, Environment, Resource Efficiency and Raw Materials**

Topic(s)

**BG-04-2014 - Enhancing the industrial exploitation potential of marine-derived enzymes**

Call for proposal

**H2020-BG-2014-2015**

See other projects for this call

Sub call

H2020-BG-2014-2

Funding Scheme

**IA - Innovation action**
Coordinator

BANGOR UNIVERSITY

Net EU contribution
€ 733 411,25

Address
College road
LL57 2DG Bangor
United Kingdom

Region
Wales > West Wales and The Valleys > Gwynedd

Activity type
Higher or Secondary Education Establishments

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

Other funding
€ 0,00

Participants (25)

UNIVERSITAET HAMBURG

Germany
Net EU contribution
€ 345 000,00

Address
Mittelweg 177
20148 Hamburg

Region
Hamburg > Hamburg > Hamburg

Activity type
Higher or Secondary Education Establishments

Links
HEINRICH-HEINE-UNIVERSITAET DUESSELDORF

Germany

Net EU contribution € 345 000,00

Address
Universitaetsstrasse 1
40225 Dusseldorf

Region
Nordrhein-Westfalen > Düsseldorf > Düsseldorf, Kreisfreie Stadt

Activity type
Higher or Secondary Education Establishments

OTHER FUNDING
€ 0,00

CONSIGLIO NAZIONALE DELLE RICERCHE

Italy

Net EU contribution € 630 000,00

Address
Piazzalealdo moro 7
00185 Roma

Region
Centro (IT) > Lazio > Roma

Activity type
AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS

Spain

Net EU contribution

€ 369,118,14

Address

Calle serrano 117
28006 Madrid

Region

Comunidad de Madrid > Comunidad de Madrid > Madrid

Activity type

Research Organisations

Other funding

€ 0,25

UNIVERSIDAD AUTONOMA DE MADRID

Spain

Net EU contribution

€ 130,882,86

Address

Calle einstein 3 ciudad univ cantoblanco rectorado
28049 Madrid

Region
**Comunidad de Madrid**

Activity type

**Higher or Secondary Education Establishments**

Links

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

Other funding

€ 0,00

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**BAYER AKTIENGESELLSCHAFT**

Germany

Net EU contribution

€ 227 150,00

Address

Kaiser-wilhelm-allee 1
51373 Leverkusen

Region

Nordrhein-Westfalen > Köln > Leverkusen, Kreisfreie Stadt

Activity type

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

Links

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

Other funding

€ 97 350,00

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**NOVOZYMES A/S**

Denmark

Net EU contribution

€ 329 000,00

Address
Krogshoejvej 36
2880 Bagsvaerd
Region
Danmark > Hovedstaden > Københavns omegn

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

Other funding
€ 141 000,00

UNIVERSITETET I BERGEN
Norway
Net EU contribution
€ 220 000,00
Address
Museplassen 1
5020 Bergen
Region
Norge > Vestlandet > Vestland
Activity type
Higher or Secondary Education Establishments

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

Other funding
€ 0,00

 UNIVERSITY COLLEGE CORK - NATIONAL UNIVERSITY OF IRELAND, CORK
Ireland
Net EU contribution
€ 330 000,00
Address
Western road
T12 YN60 Cork
Region
Ireland > Southern > South-East
Activity type
Higher or Secondary Education Establishments
Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network
Other funding
€ 0,00

VILNIAUS UNIVERSITETAS
Lithuania
Net EU contribution
€ 299 950,00
Address
Universiteto g. 3
01513 Vilnius
Region
Lietuva > Sostinės regionas > Vilniaus apskritis
Activity type
Higher or Secondary Education Establishments
Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network
Other funding
€ 0,00

CONSTRUCTOR UNIVERSITY BREMEN GGMBH
Germany
Net EU contribution
**€ 283 968,75**

**Address**

**Campus ring 1**
28725 Bremen

**Region**

Bremen > Bremen > Bremen, Kreisfreie Stadt

**Activity type**

Higher or Secondary Education Establishments

**Links**

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

**Other funding**

€ 0,00

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**PHARMA MAR SA**

**Spain**

**Net EU contribution**

€ 249 459,88

**Address**

**Avda de los reyes 1 poligono industrial la mina colmenar viejo**
28770 Madrid

**Region**

Comunidad de Madrid > Comunidad de Madrid > Madrid

**Links**

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

**Other funding**

€ 106 911,37

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**POLYTECHNEIO KRITIS**

**Greece**

**Net EU contribution**

10 of 18
Address
Building e4, technical university campus counoupidiana
731 00 Chania
Region
Νησιά Αιγαίου > Κρήτη > Χανιά
Activity type
Higher or Secondary Education Establishments
Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network
Other funding
€ 0,00

ALMA MATER STUDIORUM - UNIVERSITA DI BOLOGNA
Italy
Net EU contribution
€ 184 981,25
Address
Via zamboni 33
40126 Bologna
Region
Nord-Est > Emilia-Romagna > Bologna
Activity type
Higher or Secondary Education Establishments
Links
Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network
Other funding
€ 0,00
IST-ID ASSOCIACAO DO INSTITUTO SUPERIOR TECNICO PARA A INVESTIGACAO E O DESENVOLVIMENTO

Portugal

Net EU contribution

€ 309 663,75

Address

Avenida antonio jose de almeida 12
1000-043 Lisboa

Region

Continente > Área Metropolitana de Lisboa > Área Metropolitana de Lisboa

Activity type

Research Organisations

Links

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

Other funding

€ 0,00

EVOXX TECHNOLOGIES GMBH

Germany

Net EU contribution

€ 151 637,50

Address

Alfred nobel strasse 10
40789 Monheim

SME

Yes

Region

Nordrhein-Westfalen > Düsseldorf > Mettmann

Links

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

Other funding

€ 64 987,50
INOFEA AG
Switzerland
Net EU contribution
€ 0,00
Address
Hofackerstrasse 40b
4132 Muttenz
SME
Yes
Region
Schweiz/Suisse/Svizzera › Nordwestschweiz › Basel-Landschaft
Links
Contact the organisation  Website
Participation in EU R&I programmes
HORIZON collaboration network
Other funding
€ 185 000,00

FACHHOCHSCHULE NORDWESTSCHWEIZ FHNW
Switzerland
Net EU contribution
€ 0,00
Address
Bahnhofstrasse 6
5210 Windisch
Region
Schweiz/Suisse/Svizzera › Nordwestschweiz › Aargau
Activity type
Higher or Secondary Education Establishments
Links
Contact the organisation  Website
Participation in EU R&I programmes
HORIZON collaboration network
LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE

United Kingdom

Net EU contribution

€ 159 998,75

Address

Houghton street 1
WC2A 2AE London

Region

London > Inner London — West > Westminster

Activity type

Higher or Secondary Education Establishments

Links

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

Other funding

€ 0,00

CLUSTER INDUSTRIELLE BIOTECHNOLOGIE EV

Germany

Net EU contribution

€ 60 000,00

Address

Volklinger strasse 4
40219 Dusseldorf

SME

Yes

Region

Nordrhein-Westfalen > Düsseldorf > Düsseldorf, Kreisfreie Stadt

Links
THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO

Canada

Net EU contribution

€ 0,00

Address

Kings college circle 27
M5S 1A1 Toronto

Activity type

Higher or Secondary Education Establishments

Links

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

Other funding

€ 156 250,00

SEASCAPE CONSULTANTS LTD

United Kingdom

Net EU contribution

€ 75 473,02

Address

The old stable church lane
SO51 0HN Romsey awbridge

SME
Yes

Region

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

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

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

Other funding
€ 32 345,59

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**NORCE NORWEGIAN RESEARCH CENTRE AS**

Norway
Net EU contribution
€ 120 630,00
Address
Nygardsgaten 112
5838 Bergen
Region
Norge > Vestlandet > Vestland
Activity type
Research Organisations
Links
Contact the organisation  Website  Participation in EU R&I programmes  HORIZON collaboration network

Other funding
€ 0,00

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**UNIVERSITA DEGLI STUDI DI MILANO**

Italy
Net EU contribution
€ 115 000,00
Address
Via festa del perdono 7
20122 Milano
Region
Activity type
Higher or Secondary Education Establishments

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

Other funding
€ 0,00

SEASCAPE BELGIUM
Belgium
Net EU contribution
€ 79,231,98

Address
Kindermansstraat 14 bus 19
1000 Bruxelles / brussel

SME
Yes

Region
Région de Bruxelles-Capitale/Brussels Hoofdstedelijk Gewest > Région de Bruxelles-Capitale/Brussels Hoofdstedelijk Gewest > Arr. de Bruxelles-Capitale/Arr. Brussel-Hoofdstad

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

Other funding
€ 33,956,56

Last update: 7 September 2023

Permalink: https://cordis.europa.eu/project/id/634486