Sustainable production of biologically active molecules of marine based origin

Fact Sheet

Project Information

BAMMBO

Grant agreement ID: 265896

Closed project

Funded under
Specific Programme "Cooperation": Food, Agriculture and Biotechnology

Total cost
€ 4 338 536,00

EU contribution
€ 2 992 421,00

Coordinated by
LIMERICK INSTITUTE OF TECHNOLOGY

Ireland

Start date 1 March 2011
End date 28 February 2014

Objective

Innovation is the most important engine of growth and jobs in knowledge-based bio-economies. The scope of BAMMBO (Biologically Active Molecules of Marine Based Origin) is ambitious. This is intentional. BAMMBO will provide innovative solutions to overcome existing bottle-necks associated with culturing marine organisms in order to sustainably produce high yields of value-added products for the pharmaceutical, cosmetic and industrial sectors. BAMMBO will screen and identify target marine organisms (e.g. bacteria, fungi, sponges, microalgae, macroalgae and yeasts) from diverse global locations for potential as sustainable producers of high–added value molecules (HVAB’s). Our project will apply analytical methods for the extraction, purification and enrichment of targeted bioactive compounds. A detailed life cycle
analysis of the production pathways developed in the project will be undertaken to fully evaluate the sustainability of production of biologically active products from marine organisms. BAMMBO will exploit knowledge and technologies developed during the project and effectively manage their transfer to relevant stakeholders in industry and the research community, as well as to policy-makers. We have brought together a multidisciplinary consortium of specialist Research and SME partners representing 8 countries including partners from ICPC countries Russia and Brazil, and from EU member states at Mediterranean, Adriatic and Atlantic coasts. In adhering to the European Strategy for Marine and Maritime Research this three year project will encourage capacity-building, integration and synergies across relevant marine sectors. Innovative technologies developed in the project will be demonstrated with the involvement of industry partners, and the results will be of interest not only to companies directly involved in the marine sector, but to other large scale industry players such as pharmaceutical companies with interest in added-value bioactive compounds.

Fields of science

natural sciences > biological sciences > marine biology
social sciences > economics and business > economics > sustainable economy

Programme(s)

FP7-KBBE - Specific Programme "Cooperation": Food, Agriculture and Biotechnology

Topic(s)

KBBE.2010.3.2-01 - Sustainable culture of marine microorganisms, algae and/or invertebrates for high added value products - Call: FP7-KBBE-2010-4

Call for proposal

FP7-KBBE-2010-4
See other projects for this call

Funding Scheme

CP-FP - Small or medium-scale focused research project
Coordinator

LIMERICK INSTITUTE OF TECHNOLOGY

Address
Moylish park
V94 Limerick
Ireland

Activity type
Higher or Secondary Education Establishments

Administrative Contact
Jimmy Browne (Mr.)

Links
Contact the organisation  Website

EU contribution
No data

Participants (10)

UNIVERSITE DE NICE - SOPHIA ANTIPOLIS

France

€ 387 792,00

Address
Avenue valrose - grand chateau 28
06100 Nice - cedex 2

Activity type
Higher or Secondary Education Establishments

Administrative Contact
Monique Giribaldi (Ms.)

Links
Contact the organisation  Website

Other funding
No data
UNIVERSIDADE ESTADUAL DE CAMPINAS
Brazil
EU contribution
€ 50 318,00
Address
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Activity type
Higher or Secondary Education Establishments
Administrative Contact
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Other funding
No data

ALGAE HEALTH LIMITED
Ireland
EU contribution
€ 158 720,00
Address
Rooaunmore lodge, rooaunmore claregalway
Galway
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Administrative Contact
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Links
Contact the organisation
Other funding
No data
**GREENSEA SAS**

**France**

EU contribution

€ 96 640,00

Address

Biopole clermont limagne
63360 Saint beauzire

Region

Auvergne-Rhône-Alpes > Auvergne > Puy-de-Dôme

Activity type

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

Administrative Contact

Eric Causse (Mr.)

Links

Contact the organisation

Other funding

No data

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**UNIVERSIDAD DE SANTIAGO DE COMPOSTELA**

**Spain**

EU contribution

€ 500 196,00

Address

Colexio de san xerome praza do obradoiro s/n
15782 Santiago de compostela

Region

Noroeste > Galicia > A Coruña

Activity type

Higher or Secondary Education Establishments

Administrative Contact

Martin Cacheiro Martinez (Mr.)

Links

Contact the organisation

Website
INSTITUTO POLITECNICO DE LEIRIA

Portugal

EU contribution
€ 89 040,00

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Rua general norton de matos
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Region
Centro (PT) > Região de Leiria

Activity type
Higher or Secondary Education Establishments

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Links
Contact the organisation Website

UNIVERSITE CATHOLIQUE DE LOUVAIN

Belgium

EU contribution
€ 456 760,00

Address
Place de l universite 1
1348 Louvain la neuve

Region
Région wallonne > Prov. Brabant Wallon > Arr. Nivelles

Activity type
Higher or Secondary Education Establishments

Administrative Contact
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<td>€162,999.00</td>
<td>Sint pietersnieuwstraat 25, 9000 Gent</td>
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<td>Russia</td>
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<td>1st dorozhny proezd 1, 117545 Moskva</td>
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Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Administrative Contact
Sergey Sineoky (Prof.)

Links
Contact the organisation  Website

Other funding
No data

UNIVERSITA DEGLI STUDI DI GENOVA
Italy
EU contribution
€ 247 200,00

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Via balbi 5
16126 Genova

Region
Nord-Ovest > Liguria > Genova

Activity type
Higher or Secondary Education Establishments

Administrative Contact
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Links
Contact the organisation  Website

Other funding
No data

Last update: 1 August 2019

Permalink: https://cordis.europa.eu/project/id/265896

European Union, 2023