



ERA-NET Cofund on Blue Bioeconomy Unlocking the potential of aquatic bioresources

1 December 2018 – 30 November 2023

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Project no: 817992

**JPI Oceans seminar 17 January 2019
Royal Flemish Academy of Belgium
for Science and the Arts**

The initiators: **Joined partnership**



Strategic research and innovation agenda - SRIA

9. SA 9: Food Security and Safety Driving Innovation in a Changing World
10. SA 10: Use of Marine Biological Resources through Development and Application of Biotechnology



ERA-NET on Cooperation in Fisheries, Aquaculture and Seafood Processing (2013 – 2017)

- Strengthen cooperation and synergies between major European funding agencies that support research on sustainable exploitation of marine renewable resources.



ERA-NET on Marine Biotechnology (2013 – 2017)

- Be a strong driver for the development of the European bioeconomy



Joined partnership: Bringing together Networks Building upon experiences and Strategies



Relevance in policies and agendas

Addressing relevant EU policies and agendas, such as:

- Developing the European Research Area (ERA)
- Horizon 2020 – Horizon Europe
- Blue Growth strategy
- Bioeconomy strategy
- Circular economy
- FOOD 2030
- Common Fisheries Policy
- Marine Strategy Framework Directive
- Maritime Spatial planning Directive



Globally:

- OECD Ocean Economy in 2030
- UN Sustainable Development Goals

Value chain concept / approach

Blue Bio addresses research and innovation areas along the Blue Bioeconomy value chains and relevant crosscutting R&I areas

Blue Bio will identify and prioritize needs and gaps along the Blue Bioeconomy value chains from biomass through the production phase to products and markets

The Goal is to generate knowledge for Blue Bioeconomy value chains and improve the transfer of bio-based products and services from research, innovation and demonstrations to production scale

Joint calls and supportive actions.

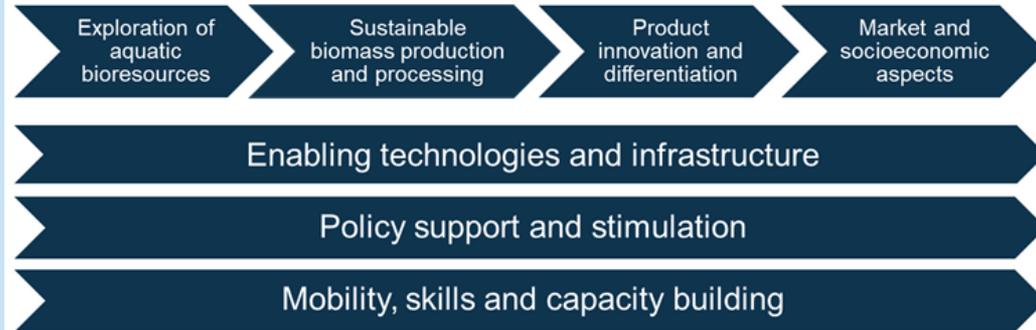
R&I areas along the value chains – From biomass to products and markets

Bioresources e.g.

Fish and Shellfish
Algae, Sponges, Fungi
Microbiomes, Waste

Biobased products and services e.g.

Food and Feed, Nutraceuticals
Cosmeceuticals, Pharmaceuticals
Biomaterials, Bioenergy



A healthy and productive ocean



A healthy and productive ocean



- Implementation of **EU policies** and international initiatives
- Contribute to the UN **SDG 2** and **SDG 14**
- New **knowledge-intensive products and services** derived from aquatic biomass, fostering **job creation and economic growth** in Europe.
- Provide **consumers** with the knowledge needed to make informed decisions about safe, healthy and sustainable food and
- Provide **policy makers** with robust scientific advice.
- Increase the efficient and sustainable use of **by-products** generated from blue bioeconomy sectors.
- Contribute to improve the **professional skills and competences** of those working and being trained to work within the blue economy.
- Contribute to **policymaking** in research, innovation and technology.



The Joint Cofunded Call

Total call budget: 29 million Euro
Launched 17 December 2018

Consortium must consist of at least three independent eligible legal entities from at least three BlueBio partner countries

Projects can address Technology Readiness Level up to 7.

Industry involvement is mandatory to ensure an applied perspective and industry relevance - either as partner or as external contributor.

The requested total budget cannot exceed **2 M €** per proposal

Applicants granted funding will receive the grant directly from their national/regional funding institution in accordance with their terms and conditions.



National and regional funding organisations from 16 European countries: Belgium, Croatia, Denmark, Estonia, Finland, Germany, Greece, Iceland, Ireland, Italy, Malta, Norway, Portugal, Romania, Spain, Sweden.

The Call scope

Quite broad to address the interest of participating funding organisations as well as responding to the H2020 BG-02-18 all text.

Includes both marine and freshwater bioresources as well as synergies with land-based production

Priority area 1: Exploring new resources

Priority area 2: Exploring improvements in fisheries and aquaculture

Priority area 3: Exploring synergies with other sectors

Priority area 4: Exploring Biotechnology and ICT

Projects will have to address Responsible Research and Innovation issues, i.e. stakeholder dialogue about safety and sustainability of food, acceptable products, policymaking, professional skills, training, mobility

Dates and Deadlines

Two stage submission, evaluation and selection process

Date	Event
17 Dec 2018	Open Call for pre-proposals
30 Jan 2019	Brokerage Event
17 March 2019 (Week 11)	Closing date for pre-proposals
May 2019 (Week 22)	Evaluation (peer review)/ Selection
June 2019 (Week 25)	Invitation for submission of full proposals
17 Sep 2019 (Week 38)	Closing date for full proposals
Dec 2019	Evaluation (peer review)/ Selection
Jan-May 2020	Negotiation and start of the projects
Tba	Kick-off meeting

More information about BlueBio and the call

- Visit our website: <http://www.bluebioeconomy.eu>
- Visit the submission tool: <https://www.submission-bluebio.eu>
- Attend the brokerage event: <https://blubio-brokerage-event-2019.b2match.io/>
30 January in Oslo, Norway
Here you will be informed about the co-funded call and will have the chance to find potential partners through several matchmaking sessions or present an elevator pitch.
Registration deadline: 28 January.



Increasing the impact of European Investments in marine and maritime research

Substantially contribute to the ERA on Blue Bioeconomy, building a BlueBio Knowledge Community, based on three legs

- ❖ our network of programme owners and programme managers,
- ❖ a network among funded projects, facilitating knowledge exchange and capacity building, potentially linked with other transnational, thematically related projects
- ❖ a network of stakeholders as outlined in the Stakeholder Engagement Plan and the Communication Workplan.



Thank you for your attention