

Presentation of the second additional call -

**Advancing Resource Management,
Market and Socioeconomic aspects
in the Blue Bioeconomy Value Chains**

Brokerage event - 2nd Additional Call Presentation - 15 June

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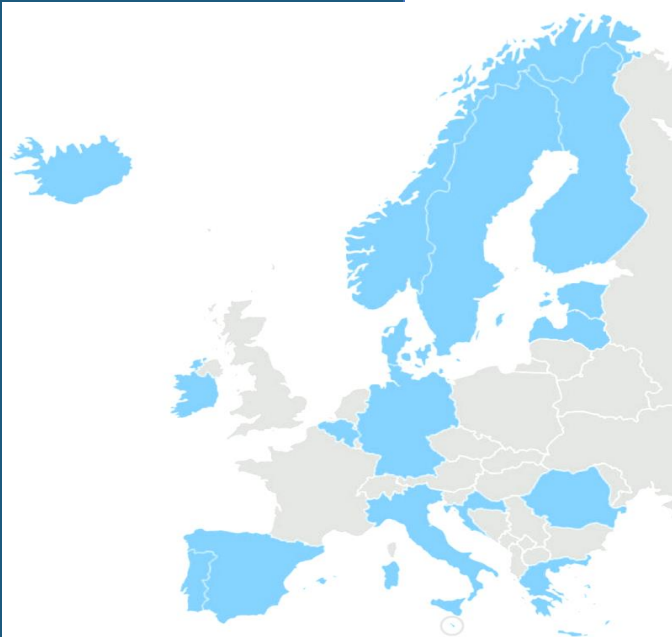


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ERA-NET Cofund on Blue Bioeconomy Unlocking the potential of aquatic bioresources

1 December 2018 – 1 June 2024

The goal is to identify new and improve existing ways of bringing bio-based products and services to the market



16 countries - 30 partners (funding agencies ministries): Norway (coordinator) Belgium, Croatia, Denmark, Estonia, Finland, Greece, Iceland, Ireland, Italy, Latvia, Malta, Portugal, Romania, Spain, Sweden.

Sustainable Blue Growth
Accelerating the Blue Bioeconomy
BlueBio Knowledge Community
New products and services

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 817992.



Value chain concept / approach

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

Exploration of
aquatic
bioresources

Sustainable
biomass production
and processing

Product
innovation and
differentiation

Market and
socioeconomic
aspects

Enabling technologies and infrastructure

Policy support and stimulation

Mobility, skills and capacity building

Improvement of existing value chains, incl. increased circularity
New use of traditional aquatic bioresources
New and underutilized aquatic bioresources, incl. waste

Cross-cutting issues, incl enabling technologies such as blue biotechnology and ICT

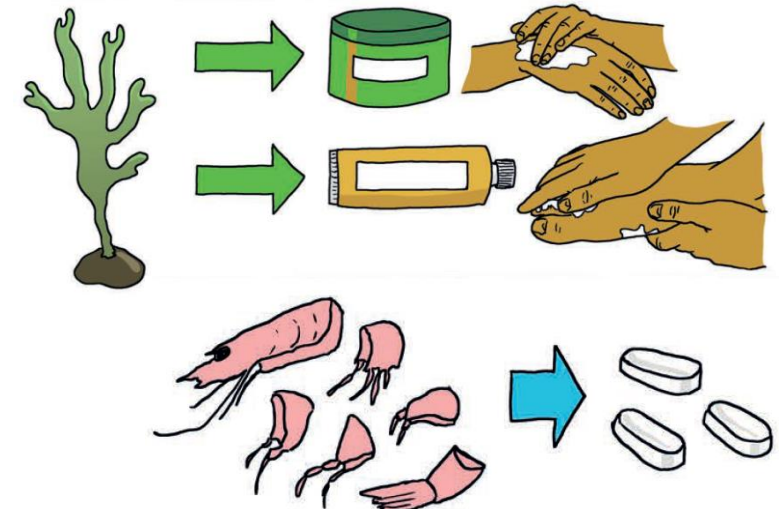


Figure credit: MARIKAT

4 value chain supervisors:

Harvest – Cultivation – Market and products
Enabling technologies

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What we do: **Transnational call** with EU-support

Broad scope

Launched Dec 2018



BlueBio Cofunded projects
AquaHeal3D
BIOSHELL
BIOZOOSTAIN
BlueCC
CASEAWA
MARIKAT
MINERVA
PlastiSea
RASbiome
SIDESTREAM
SNAP
SuReMetS
DIGIRAS
ImprovAFish
InEVal
AquaHealth
AquaTech4Feed
BESTBROOD
MedSpon

Funded **19 projects** requesting 25.25 million EUR

➤ 19.3 million EUR from BlueBio partners

➤ 5.95 million EUR from EC

Priority area 1: Exploring new bioresources

Priority area 2: Improvements in fisheries and aquaculture

Priority area 3: Synergies with other sectors

Priority area 4: Biotechnology and ICT



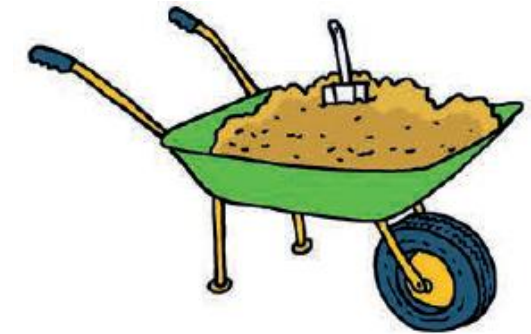
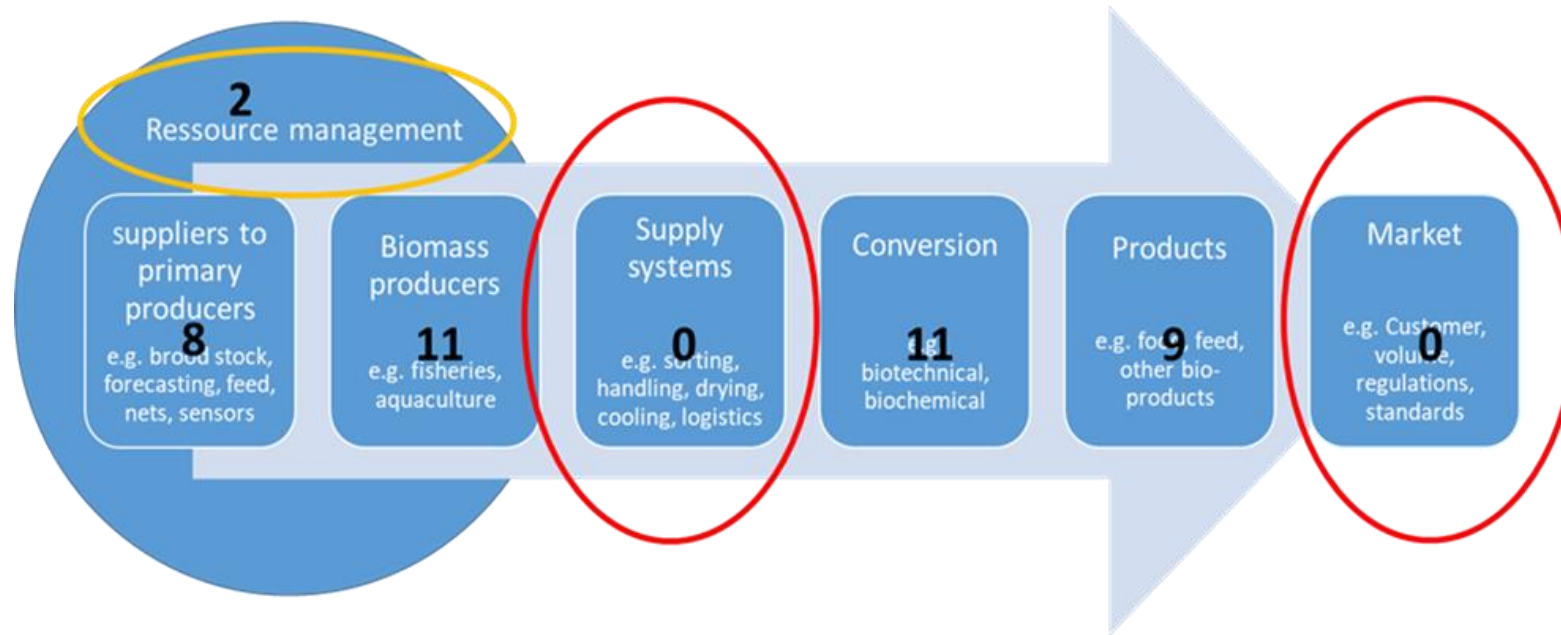
Figure credit: MARIKAT



What we do: **Additional calls** and related activities



Launched two additional calls: June 2020 and June 2021



2020 call:

Supply systems – 10 projects selected for funding requesting 11.3 million euros

2021 call:

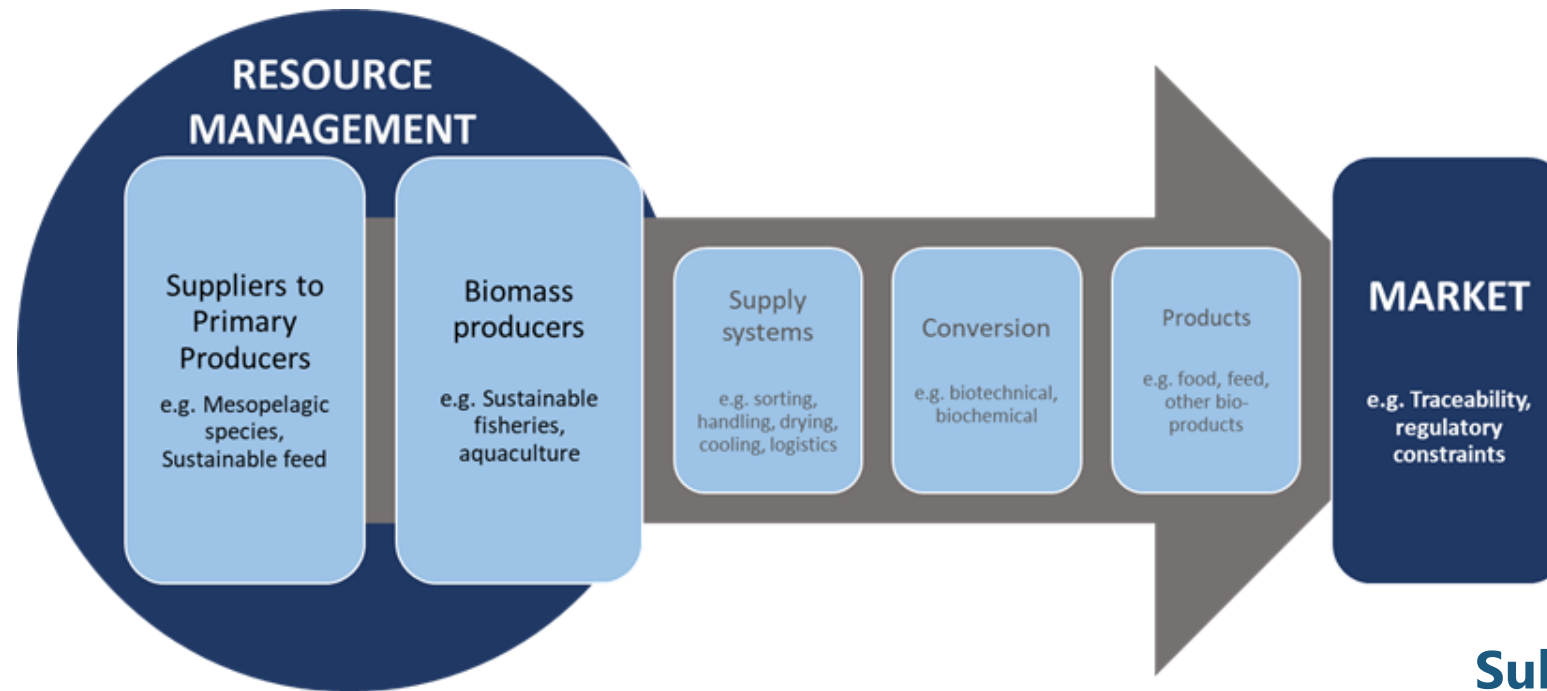
Resource management and Market



2nd Additional call: Advancing Resource Management, Market and Socioeconomic aspects in the Blue Bioeconomy Value Chains



Subtopics A & B



Subtopic C



2nd Additional call: Advancing Resource Management, Market and Socioeconomic aspects in the Blue Bioeconomy Value Chains



Thematic Area		Topics
A	Sustainable exploration of the aquatic environment and biological resources	A1: Identification, assessment and sustainable exploitation of new and underutilised species of aquatic organisms and biomass (e.g. mesopelagics)
B	Sustainable and resilient biomass production and processing	B1: Develop and test sustainable feed sources for the blue bioeconomy B2: Demonstration of sustainable and resilient 'circular' production systems e.g. IMTA, land-based aquaculture B3: Testing and demonstrating innovative processing systems for sustainable production of blue bioeconomy products
C	Traceability and regulatory constraints	C1: Development of standards, processes and consumer engagement to underpin smart, efficient traceable blue bioeconomy food systems C2: New approaches to the efficient and sustainable use of by-products, with an emphasis on regulatory constraints

Life Cycle thinking

(<https://eplca.jrc.ec.europa.eu/>).

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Responsible Research and Innovation (RRI)

Research and Innovation must respond to societal needs in order to deliver greater societal and economic impact. In order to achieve this, the concept of RRI developed Project proposals are required to respond the framework for RRI (www.rri-practice.eu and <https://grrip.eu>) and include a plan for how this is addressed in the project. Funded projects will be invited to workshops to develop and implement good RRI practices.

Human Capacity Building (HCB)

To facilitate exchange and sharing of knowledge and technology the role of Training and mobility activities as tools for the actors involved should be described in the work plan for the projects. https://www.submissionbluebio.eu/lw_resource/datapool/items/item_220/Summary_recommendations.pdf

Communication/Dissemination

To facilitate the transfer of projects results to society for their further use, the proposals must include a communication plan describe concrete measures directed toward various groups of stakeholders <https://bluebioeconomy.eu/communicating-your-project/>

Ethical issues

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http://ec.europa.eu/research/participants/docs/h2020-funding-guide/cross-cutting-issues/ethics_en.htm

Funding opportunities – 7.9 million euro

Country	Funding Organisation *	Budget (€)	Can fund		TRL	Priorities, Limitations, Other comments National fact sheets
			Industry	Research Institutions		
Belgium	VLAIO	1,500,000	X		Up to 7	
Denmark	MVFM & IFD	1,000,000	X	X	2 – 7	
Estonia	ETAG	100,000	X	X	2 - 7	
Estonia	MEM	100,000		X	>3	
Iceland	RANNIS	1,000,000	X	X	>3	Industry involvement preferable
Ireland	MI	200,000	X	X	Up to 7	
Italy	MIUR	1,000,000	X	X	Up to 7	See national criteria for details
Malta	MCST	300,000	X	X	Up to 7	
Norway	RCN	2,700,000	X	X	Up to 7	
TOTAL		7,900,000				

Further eligibility criteria

Industry involvement is mandatory

Min. 3 partners 3 countries; Max 1.5 mill € per project; Max 60 % from one country; Max 36 months

Two stage call with following dates and deadlines

DATE	EVENT
8 th June 2021	Call opened for pre-proposals
15 th June 2021	Brokerage Event
21 st June 2021	Matchmaking sessions
20th Sep 2021 13:00 (CEST)	Deadline for pre-proposal submissions
11 th Oct – 15 th Nov 2021	Evaluation (peer review)/ Selection
14th Dec 2021	Invitation for submission of full proposals
21st Feb 2022	Closing date for full proposals
8 th Mar – 25 th Apr 2022	Evaluation (peer review)/ Selection
1 st June 2022	Start of negotiation with selected projects
December 2022	All projects should have started
TBC	Kick-off meeting

Evaluation of pre-proposals

- Scientific quality, innovation potential (including covered TRL, transdisciplinarity and cross-sectorial aspects).
- Appropriateness of the research methodology, feasibility, adequacy of the budget
- Quality of the consortium, complementarity among partners, added value of the transnational cooperation.
- Relevance of the proposal compared to the call text
- Composition of consortium compared to the topic's needs and international relevance

Two experts per pre-proposal

Scoring system 0-5. Threshold 3/5 per criterion

Evaluation of full proposals

■ Excellence of the research proposal

- Clarity and pertinence of the objectives
- Soundness of the concept
- Credibility of the proposed methodology
- Degree of novelty and innovation of the proposed approach

■ Impact of the project results

Extent to which the outputs of the project will be relevant for, or contribute to, impacts on:

- Economic aspects
- Environmental aspects
- Societal aspects such as Ethical, Legal and Social Aspects (ELSA)
- Transnational added value
- Knowledge generation and transfer

■ Quality and efficiency of the implementation of the project

Quality and effectiveness of the work plan, including extent to which the resources assigned to work packages are in line with their objectives and deliverables

- Appropriateness of the management structures and procedures, including risk and innovation management
- Complementarity of the participants and extent to which the consortium as a whole brings together the necessary expertise
- Appropriateness of the allocation of tasks, ensuring that all participants have a valid role and adequate resources in the project to fulfil that role
- The project budget is appropriate to the planned work and allows the achievement of the project goals

Three experts per full proposal

BlueBio Call Steering Committee (CSC)

Selection of **pre-proposals** for full proposal stage

- Based on the ranking list provided by the International Review Panel (IRP)
- The number of selected projects will depend on the available budget of the funding organisations involved.
- First evaluation and selection stage will also be used to balance the level of requests for funding with the level of available funds.

Consortia may be asked to reduce or increase the contribution of partners from countries with over- or undersubscription, and to invite partners from countries with undersubscription. It will be up to the consortia to follow up on the requests or not. Amendment should not compromise the quality of the proposals.

Selection of **full proposals** for projects funding

- Follow the order of the ranking list provided by the IRP and
- Take into account the available budget of each funding organisation

What we do: Other **related activities**



- Database and mapping of R&I projects.
- Activities to create connectivity and stimulate synergy among ongoing projects. - e-coffee meetings kick off, midterm end meetings
- Human capacity building activities.
- Forward-looking activities to identify R&I gaps and system bottlenecks. - suggest and explore activities



ERA-NET BlueBio COFUND

**Blue Bioeconomy -
2nd additional call for
proposals**

**Deadline: 20 september
2021**

<https://www.submission-bluebio.eu/call3>

<https://bluebioeconomy.eu>

FUNDING OPPORTUNITY