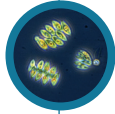


Alliance cases: the first generation

Working with Alliance partners...



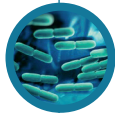
...CRM is developing a new product based on macroalgae extracts. The active compound will be used in cosmetics to protect the skin from free radicals. The company is collaborating with other Alliance researchers to find an alternative method of extraction.



...Biovento is looking into natural product chemistry and bioactivity testing for its collection of cultivated Baltic Sea microalgae. The aim is to perfect a production method for bioactive compounds to be used in cosmetics.



...Geoterma is exploring different uses for geothermal water. Potential applications vary from aquaculture to health. Alliance experts are helping to develop a biological use and a corresponding business model.



...Baltic Probiotics will test its innovative new aquaculture products. The probiotic products enhance fish health and water quality. Alliance partners will be helping with laboratory experiments in model systems.



...Kalundborg Utility will put its state-of-the-art microalgae cultivation test facility to new use. Alliance partners will help to come up with new concepts and potential users to carry on the work in experimental algal cultivation.

?

Do you have a raw material, an idea or a finished product ready for marketing? Then we want to hear from you! We are looking for new cases to work with our Alliance to get you the support you need to achieve your goals! If you are interested in joining the Alliance and benefiting from our services, come and pitch your idea to us! We will be publishing an open call for ideas in June 2016 so our website for further details.



PARTNERS:

GEOMAR Helmholtz Centre for Ocean Research Kiel
SUBMARINER Network for Blue Growth EEIG
BioCon Valley GmbH
KTH, Royal Institute of Technology
University of Gothenburg
Finnish Environment Institute (SYKE)
University of Gdańsk
Pomeranian Special Economic Zone Ltd.
Public institution Coastal Research and Planning Institute (COPPI)
Danish Technology Institute
Klaipeda Science and Technology Park (KSTP)
CleanTech Latvia
Tartu Biotechnology Park
Svanvid Sp.z o.o.
Scottish Association for Marine Science (SAMS)
CRM – Coastal Research & Management
Biovento Sp.z o.o.
JSC "Geoterma"
JSC "Baltic Probiotics"
Kalundborg Utility A/S



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www.balticbluebioalliance.eu



#BalticBlueBioAlliance

Baltic Blue Biotechnology Alliance



*Advancing marine biobased
product development*

Lead Partner:



A SUBMARINER Network project



Part-financed by:



ALLIANCE

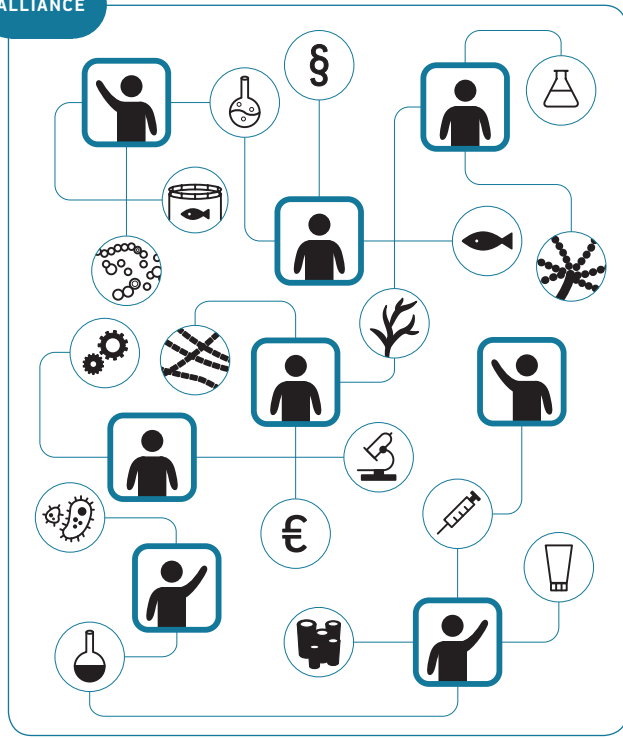


The challenge

Blue biotechnology is a sector that has **great potential** as Europe moves towards a biobased economy. It can be tapped for products such as new **drugs, biofuels, food and supplements**. It also promises to play a key role in the development of ecosystem services related to clean water. This potential is impressive but – to date – remains largely untapped, realisation is still in its infancy.

One great difficulty in **getting blue biotech products market ready** is that not each and every Baltic Sea Region (BSR) country can provide all the resources and expertise necessary to complete the journey from idea to finished product. The Baltic Blue Biotechnology Alliance aims to bridge this gap by developing and implementing optimal **transnational product development chains**. These will enable efficient use of and comprehensive access to the whole variety of facilities, (bio-)resources and expertise available within the region and beyond, therefore pooling national capabilities.

ALLIANCE



Our approach

Alliance experts know the structure and specific disciplines of the sector and can respond to its demands. We are working to create a **functioning network of actors** whilst working with our first “client” cases. We follow a needs-based approach and are developing a **genuinely useful service offer**. One of our overall objectives is the development of blue biotechnology products through integrated, transnational value chains.

To do so, we match our users to the **services, facilities and experts** they need to take their idea to the next level. Not only do we look for the right partners to advance a project, we also help to create the necessary financial, legal and organisational conditions for the project to be realised within the transnational product development chain.



What we aim to achieve

We aim to present at least **five successful cases** in which partners have helped a case gain what it needs in order to **progress to a fully developed product**. These cases will serve as models of how blue biotechnology value chains can work across the BSR.

On the basis of the experience gained with the concrete cases, we will streamline the overall **service offer**, connecting the right actors and resources throughout the BSR in the right way for the specific product to be developed. This offer will include case mentoring, finding suitable partners, marketing, legal and financial advice. The Alliance will also keep public and private decision-makers informed about developing trends and help them to prioritise actions and investments to meet future demands within the sector.

The service shall be continuously available to blue biotechnology actors in the BSR through a **self-sustaining network** we hope to create in the course of the next three years. Working closely with our cases in a needs-oriented way will help us achieve this goal.