

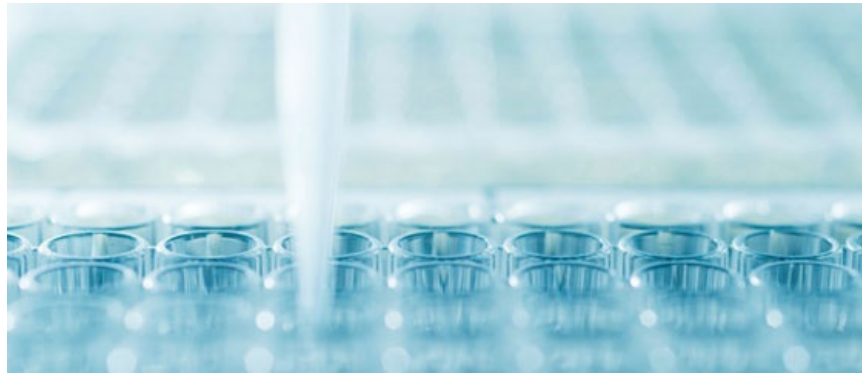
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## Newsletter March 2018

Despite the cold weather, things are heating up at the SUBMARINER Network Secretariat! Working with our members and additional partners, we are developing project applications for the 3rd call of the Interreg BSR programme 2014-2020. Covering various aspects of the strategic action fields established in the SUBMARINER Roadmap and updated last year in the Better off Blue conference declaration, our current applications build on the results of ongoing projects. From macroalgae farming to environmental monitoring technology and the promotion of blue bioeconomy among BSR public authorities - the new set of projects is devised to further our overall strategic aims of environmental and economic benefits from sustainable use of marine resources. As the current set of ongoing projects enter their last year of implementation, watch out for updates on project outputs on the SUBMARINER website.

## Two Baltic Blue Biotechnology Alliance cases on a course of success



The Estonian company Furcella OÜ has launched its first product line, "Berrichi". Having collaborated closely with Alliance partners for almost a year, Furcella benefited from the project's effective mentoring programme. The start-up brought its line of natural, algae-based anti-ageing creams to the market using a revolutionary active ingredient sourced from Baltic red algae: Furcelleran. The "Berrichi" range of facial creams includes products for day- and night use and a specialised cream for men.

Another active member of the Alliance project, Hoekmine BV from the Netherlands, was able to make mutants with altered colours, which were then optically characterised in Cambridge, UK, where Hoekmine collaborates with the Vignolini Lab at Cambridge University. Both organisations report the genetic and optical analysis of a bacterium. Hoekmine views microorganisms as complex structured communities. Complex microbial structures can be used to derive new optical materials and compounds, such as drugs, which have new, commercial properties. The company performs research, development and contract research within this area. More success stories from the Baltic Blue Biotechnology Alliance will be posted on the website in due course.



### EU Expert Group: Skills in the blue bioeconomy

The managing director of the SUBMARINER network, Angela Schultz-Zehden, attended the 2nd meeting of the EU Expert Group on



### MUSES project update

The research under the MUSES (Multi-Use in European Seas) project is ongoing, but some of the results, including case studies and stakeholder profiles reports, can be found

the skills and career development in the Blue economy on 16-17 January 2018 in Brussels. The meeting aimed to drive forward and get input from experts for the 3 sub-groups 1) Business-education cooperation; 2) Ocean literacy and 3) Lifelong learning, mobility and education programs

Angela contributed with all our joint SUBMARINER expertise pointing to needs as well as good practices from the SUBMARINER Network in our Baltic blue bioeconomy projects. SUBMARINER has a lot to offer as well as to learn from EU-wide initiatives in the field of improving maritime skills. We should make efforts to increase our engagement in relevant Erasmus Mundus, H2020 and other project initiatives in the future.

Please see [the minutes](#) of the meeting for more details.



## 4th Alliance Call for ideas

The Baltic Sea Region's leading marine and biotechnology institutes have joined together and are opening their doors to you: labs, brains, resources, expertise and facilities are at your disposal. We offer assistance in all kinds of areas, from scientific and technical development to contractual and financial expertise to marketing. Together we will identify what's needed to build your value chain and find the right partners.

Interested? **Apply** by 05 March 2018! The cases invited to join the mentoring programme will have the opportunity to present their ideas to an international expert panel in Copenhagen, Denmark on 10 April 2018.

**Read more**



## Public consultation

A Roadmap for the update of the 2012 EU Bioeconomy Strategy has been published on the Commission [website](#).

We encourage you to take the opportunity to provide feedback to this document either as a private person, organisation or association.

Share your opinion via [this link](#) until 20th March 2018!

on the MUSES website.

The multi-use analyses and sea basin syntheses reports are underway, led by the SUBMARINER Network for Blue Growth EEIG.

Reports are meant to underpin the development of the "Multi-Use of Oceans Action Plan", by providing a clear overview of real multi-use potentials that could be realised, and draw attention to barriers that can be overcome (considering a number of perspectives i.e. legal, environmental, economic, stakeholder mind-set).

**Read more**



## Blue Invest 2018

Don't miss the first match-making event in Europe between companies and investors in the Blue Economy!

We believe that many SUBMARINER Network cases are well suited to 'pitch' at this event. Please [register directly via this link](#) or get in touch with the [SUBMARINER secretariat](#) to learn more about this event and your potential role.

**Read more**



## Save the date: Blue biotechnology in the BSR - from science to business

The international 2018 biotechnology conference "Blue Biotechnology in Baltic Sea Region - from Science to Business" will be held on August 22 -24, 2018 in Greifswald, Germany.

The conference is part of the project „Baltic Blue Biotechnology Alliance“, funded by the Interreg BSR programme. The initiative represents a step forward in the implementation of the Blue Growth strategy of the European Union.

The conference is linked to [MIMAS2-Symposium Microbial Interactions in Marine Systems](#) taking place on August 20 - 21, 2018.

**Read more**



BioMarine Community

## Web platform & mobile app "Biomarine community" launched

A new global online platform that empowers the biomarine resources community <https://biomarine.org/> has been launched. Submariner Network already became a member of the community and will explore the possibilities this platform offers for dissemination and outreach.

**Read more**



## The latest InnoAquaTech newsletter is now available!

Check out the latest news from the [InnoAquaTech project](#). Whether taking care of catfish at a Danish zoo, introducing shrimp from the U.S. to a brand new RAS facility in Poland or attending conferences and matchmaking, our partners had a busy second half of 2017.

To find out more about our activities, meetings and general aquaculture news, have a read through our newsletter.

**Read more**



## New training opportunities in blue bioeconomy and biotechnology

The list of diverse training opportunities in blue bioeconomy and biotechnology is now online.

Please see the list of various training opportunities and study placements in blue bioeconomy and biotechnology [here](#).

**Read more**

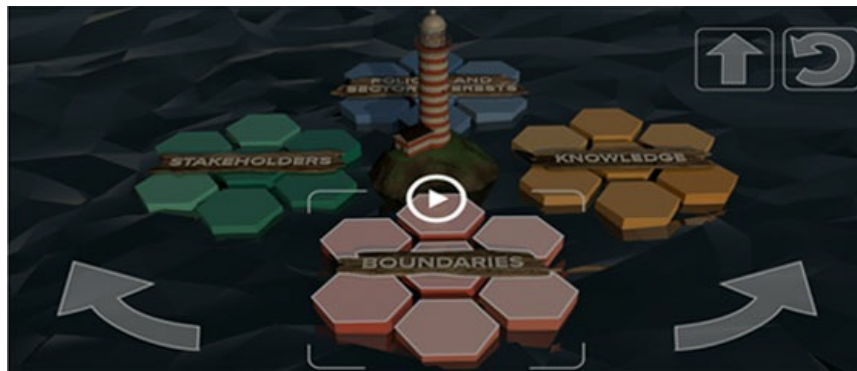


## COLUMBUS project's final conference

On 24 January 2018, more than 70 participants met in Brussels, Belgium, for the COLUMBUS project's final Conference – a project funded by the European Commission's Horizon 2020 programme. The COLUMBUS conference, entitled "Making Marine and Maritime Science Count", provided a forum to collaboratively explore the barriers, challenges and possible solutions to increasing the impact potential of marine and maritime research.

More about the project can be found [here](#).

## Further News



## Meet the new BONUS BALTSPEACE interactive tool

Using the BONUS BALTSPEACE interactive tool, you can easily explore and understand the project's findings. Learn more about the main challenges related to incorporating stakeholders, knowledge, different sectors and different governments into the MSP process. Click on the buttons in the 4 interactive areas to read the most important project findings related to these challenges.

**Read more**

## Members' Corner

### BioCon Valley



BioCon Valley (BCV) is the initiative for life science and health in Mecklenburg-Vorpommern, Germany. As a co-initiator of ScanBalt and founding member of the SUBMARINER Network for Blue Growth, BCV opens ways for cross-border and transnational cooperation in science and business in fields related to biotechnology and health initiatives, as well as innovative approaches to the sustainable use of marine resources.

The company has long-standing expertise in international project management and establishment of regional life science networks. Moreover, BCV has been successfully involved in several EU-funded projects, including the INTERREG BSR programme. Currently, BCV supports the development of a platform that will provide new tools to support the various stages of a new biomarker commercialisation process, in particular to reduce the product's time to market (project "Biomarker Commercialisation"). Within the project "InnoAquaTech", a project for cross-border knowledge transfer of sustainable aquaculture technologies, BCV acts as lead partner and is mainly responsible for monitoring the implementation process, management and coordination. As a project partner in the "Baltic Blue Biotechnology Alliance" project, BCV takes part as a mentor for start-ups and helps to develop an integrated service offer to aid companies in achieving global competitiveness.

Furthermore, BCV is active in shaping future Submariner Network collaborations. For example, in the current round of applications, we are pursuing a project that will guide public authorities in promoting blue bioeconomy products.

**Rainer Cramm**  
BioCon Valley  
[www.bioconvalley.org/en](http://www.bioconvalley.org/en)

## Featured event



GLOBAL  
BIOECONOMY  
SUMMIT 2018

### **The 2nd Global Bioeconomy Summit 19 - 20 April 2018 in Berlin**

It is now timely to come together and consider appropriate strategies for further international cooperation in a next Global Bioeconomy Summit: GBS2018! Together with the members of the **International Advisory Council**, an ambitious **programme** featuring high-level speakers and bioeconomy experts from around the globe has been developed. The GBS2018 will provide 13 expert workshops dealing with

topics considered by international bioeconomy stakeholders as highly important and emerging.

The managing director of SUBMARINER Network EEIG Angela Schultz-Zehden has been invited to attend the "Marine Aquaculture" session within the workshop "Blue Growth: Seizing New Opportunities for Sustainable Future". This workshop is jointly organised by the Nordic Council of Ministers and the Ministry of Science, Technology and Productive Innovation from Argentina.

Please register as soon as possible if you plan to attend by filling out the online registration form [here](#). Please refer to the official [website](#) of the event for more information.

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## Upcoming events

### **Professional aquaculture trainings/workshops by Smartfish in 2018**

01 January - 31 August 2018 Eberswalde, Germany

### **Baltic Sea Future Congress 2018**

08 March - 09 March 2018 Stockholmsmässan, Stockholm, Sweden

### **Fish International 2018**

25 February - 27 February 2018 Bremen, Germany

### **EMBRIC Symposium: Successful Roads from Organisms to Molecular Tools**

22 March - 23 March 2018, Berlin, Germany

### **German Biotechnology Days**

18 April - 19 April 2018 BCC - Berlin Congress Center, Berlin, Germany

### **Blue Invest 2018**

17 May 2018 Brussels, Belgium

### **Aquaculture UK**

23 May - 24 May 2018 Aviemore, United Kingdom

### **European Maritime Days 2018**

31 May - 01 June 2018 Burgas, Bulgaria

### **AQUA 2018**

25 August - 29 August 2018 Montpellier, France

### **EuroTier 2018**

13 November - 16 November 2018 Hannover, Germany

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