

The Baltic Blue Bioeconomy and COVID-19

The economic crisis catapulted by COVID-19 has serious effects on the Blue Bioeconomy. The Baltic is no exception, with challenges for ships, farms, laboratories, markets, factories, offices – to name a few. At the same time, the Baltic Sea Regions' role as a global frontrunner in contributing towards the Sustainable Development Goals and thus mitigating the impacts of COVID-19 is becoming even more important. Read more on the various inspiring actions taken by SUBMARINER Network members in counteracting the challenges posed by the COVID-19 pandemic for them and their stakeholders both now and in the future, as they continue to work hard, most often from home. [Read more...](#)

Join our events



2nd Alliance case & mentor matchmaking goes online, 04.06.20

Join our Accelerator for Blue Growth by attending our exclusive online training for mentors and pitching of new startup cases! Check out the [agenda](#) and register by reaching out to kaz@submariner-network.eu

Read more on [Alliance+ project...](#)



What are the challenges, risks and barriers for the large-scale commercial roll-out of ocean multi-use? Join the UNITED Webinar.

Eager to learn more about the innovative ocean multi-use demonstration pilots & contribute to the opinion poll on this topic? Join the interactive webinar on 03.06.20 from 12:00 - 14:00h CEST!

[Read more..](#)

News & events from our network



Forschungs- und
Entwicklungszentrum
Fachhochschule Kiel GmbH



S Y K E

New member: The Forschungs- und Entwicklungszentrum

Fachhochschule Kiel GmbH,

briefly called FuE-Zentrum FH Kiel GmbH, is engaged with technology transfer between research institutions and commercial enterprises. It is also part of the new project UNITED on multi-use leading a pilot on offshore mussel and algae cultivation. Welcome among SUBMARINERs! [Read more..](#)

The FuE has also recently launched a new facility to develop, construct and test the operation of a wave power plant on a model scale. This serves as a new energy research infrastructure with 'real laboratory' character. [Read more..](#)



How the dedicated mentoring of the Alliance accelerated the development of 26 blue biotech cases: Get the full report on findings from the Baltic Blue Biotech Alliance accelerator programme.

The Baltic Blue Biotechnology Alliance project enabled the SUBMARINER network to create a transnational accelerator programme tailored for blue biotechnology. By pooling capacities of 40+ blue bioeconomy experts across the BSR, 26 selected SMEs & start-ups received tailored support in form of scientific or technical advice; access to research infrastructures, equipment or bioresources; business development; legal issues as well as outreach and promotion. The findings show critical success factors and provide recommendations for future support and research programmes.

[Read more..](#)



UNITED Newsletter

From associate to full member – Finnish Environment Institute SYKE enters the executive board

The Finnish Environment Institute SYKE is a centre for environmental expertise and research. SYKE participates in many SUBMARINER projects: Alliance+, Blue Platform and GRASS. From April 2020 SYKE has upgraded their membership at SUBMARINER to become a full member.

If you also consider upgrading your membership, contact our programme manager for individual membership options ea@submariner-network.eu.

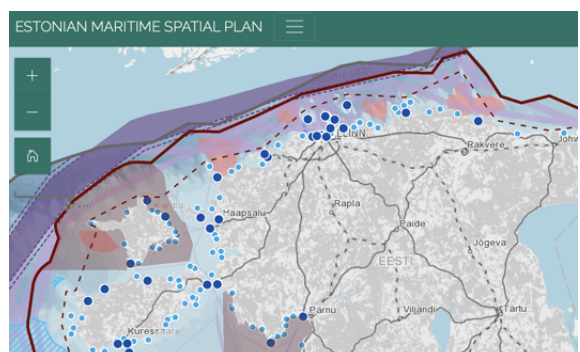


New joint SUBMARINER position paper on 'Aquaculture legislation'

Based on two workshops and one learning lab event, the new SUBMARINER position paper presents the current status quo of the variations in aquaculture legislation in the Baltic and Nordic countries - and highlights our joint recommendations on improvements necessary in legislation in order to promote sustainable aquaculture developments throughout the Baltic Sea region. In short these include:

- reconcile aquaculture legislation with environmental objectives;
- promote optimal siting in order to minimise environmental impacts;
- include compensation measures in aquaculture policies;
- adjust permit issuance to farming practices and
- better define legal procedures for aquaculture

[Get the paper here](#)



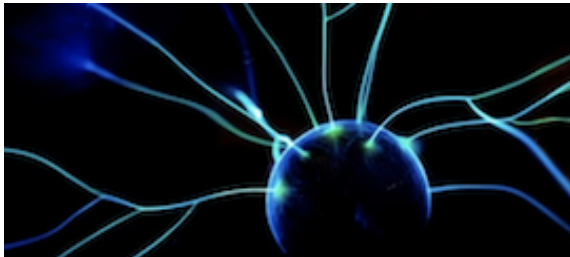
If you are interested in ocean multi-use, we warmly recommend subscribing to UNITED newsletter: every 6 months, you will receive a fresh update on project activities at the multi-use pilot demonstration sites, combined with current relevant news from multi-use & Blue Economy industry and research.

[Read more..](#)

Algae and seashell locations considered in Estonian MSP

Within the currently ongoing official MSP process, the Estonian government has taken into account maps showing areas with natural growth potential of algae and seashells. The maps have been developed by the SUBMARINER member, University of Tartu. See the detailed web maps [here](#)

News from our members



CAU, Geomar and University of Tartu – part of the new EU wide COST Network for the Advancement of Marine Biotechnology in Europe and Beyond

Since marine biotechnology is still in its infancy, there is a need to create effective, operational, inclusive, sustainable, transnational and interdisciplinary networks with a serious commitment for knowledge transfer, training provision, dissemination of best practices and identification of emerging technological trends through science communication activities. The collaborative CA18238 COST Action (net)work will provide innovative solutions and products that can be commercialized to contribute to the circular marine bioeconomy.

[Read more...](#)



UNITED is hiring!

The Research and Development Center Kiel University of Applied Sciences invites applications (Project Engineer (m/f/d) Mechanical Engineering/Shipbuilding Engineering/Electrical Engineering/PhD



CRM starts off new research project on exploration of enzymes from seaweed

Algae play a very special role for the history of the Earth: they were the ones who brought oxygen into the atmosphere for the first time (albeit as an early microbial form) and made life possible as we know it today.

CRM-Coastal Research & Management, the University Medical Center Schleswig-Holstein (UKSH) & Bremen University of Applied Sciences investigate the application potential of algal enzymes in the €1,2 Mio research project "REA" to tap the enormous potential of previously unexplored small redox enzymes from marine algae. [Read more...](#)



University of
Southern Denmark

Cannibalism helps invading invertebrates survive severe conditions

Researchers (Javidpour J. et al.) at our SUBMARINER member SDU have published an article to show how cannibalism among the invasive comb jelly enables adults to survive severe conditions at the edge of their ecological

Candidate (Dipl.Ing./M.Eng.) for a research assistant position in the area of technology and aquaculture science.

[Read more...](#)

Eager to see more opportunities to advance your career in Baltic Blue Bioeconomy?

Check out SUBMARINERS career & youth portal for current jobs, training & internship placements!

range with implications for the use and evolutionary origins of cannibalism.

[Get the article here...](#)



Blå Roxen: A community-driven local initiative for eutrophication control using invasive water plants

The local sailing club in Linköping, Sweden, noticed invasive Elodea water plants taking over their home waters on lake Roxen. One day several sailing boats, and even the sea rescue team that came to help, were stuck in the seaweed until midnight. Something had to change. The solution they came up with was Blå Roxen, a project to study methods to use the water plants as a tool for eutrophication control and a biogas substrate source.

[Read more...](#)

EVENTS

SUBMARINER Network is organising and/or participating in the following events

Online training for mentors, start-up pitches, presentation of the Accelerator for Blue Growth - REGISTER NOW

04 Jun 2020, Germany

This event is online

World Oceans Day 2020 - The Blue Economy and the COVID-19 Pandemic: new challenges, recovery measures and resilience

04 Jun 2020

This event is online

Launch of the Seaweed Manifesto

04 Jun 2020

This event is online

Virtual Ocean Literacy Summit

08 Jun 2020

This event is online

**BONUS BASMATI final seminar
09 Jun 2020
Copenhagen, Denmark**

**BONUS RETURN's final regional exchange and learning event: Mission
Blue Baltic – Healthy Oceans, Coasts and Inland Water
10 Jun 2020
This event is online**

**Interactive webinar for the development of an EU seaweed strategy
11 Jun 2020
This event is online**

**“Seaweed for Health” conference
21 Jun – 24 Jun 2020
Spain**

**Fucosan project conference: ALGAE BIOACTIVE COMPOUNDS – FROM
RESEARCH TO INNOVATION
25 Aug – 26 Aug 2020
Kiel, Germany**

FULL EVENT CALENDAR



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