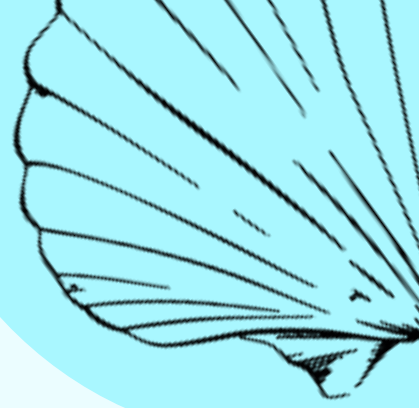


Workshop series 2025

Entrepreneurship in the blue bioeconomy



Co-funded by
the European Union



1 The basics of the blue bioeconomy (21/01–22/01)

How can the resources of the sea be used and conserved at the same time? To answer this question we will focus on the element water, looking at currents, nutrients, photosynthesis, algae and marine animals, both in the world's oceans and in the North and Baltic Seas. By looking at the western capitalist economy, we will try to explain the need for a circular- and sustainable bio-economy. We will take a closer look at the trade and market of CO₂ certificates, and will get first-hand information of a company's CEO on the process of ECG (Economy for the Common Good) certification.

3 Company formation and - culture (20/03–21/03)

The two most important pillars of a company are the product idea and the team. We focus on the following aspects: How can I protect my business idea and what are the specific steps to patent my idea? Who is my product's target clientele and how can I best reach them? We present tools for knowledge management and decentralized working. We present funding options for the gap between prototype development and marketable product. Special attention is paid to team building and company culture.

5 Product safety and toxicological aspects (26/05–27/05)

To ensure the safety and successful sale of products, potential pollutants must be identified and assessed. The use of 'new' raw materials poses new challenges in terms of safety, but also offers new opportunities to reduce pollutants, for example through closed-loop systems or the use of algae for water purification. We highlight the main toxicological issues and challenges that need to be considered when manufacturing products from aquatic raw materials. In a practical section, we explain the implications of measured contaminant levels and how to handle them. We also present concrete solutions for ecological water purification using algae cultivation.

2 Food production from aquaculture (17/02–18/02)

We provide an insight in the production of fish, algae or shellfish in land-based or offshore systems. We explain the benefits and barriers to sustainable aquaculture from a nuanced and critical perspective. Concrete examples are used to illustrate the different farming systems and practices, and specific issues such as water rights, site requirements and animal welfare aspects of aquaculture are addressed. An excursion provides an insight into aquaculture in practice.

4 Products from aquatic raw and residual materials (29/04–30/04)

The manufacture of products from natural, renewable raw materials poses many challenges, both in terms of the materials themselves and their cost effectiveness. The interface between 'waste' and 'resource' is a major challenge for a closed-loop system: What is the legal basis for making products from these materials? What are the properties of these materials and what does this mean for the production process? How can they be dried, shredded, stored and processed on a large scale? With some specific examples we show how it can be achieved.

6 Sustainability in company development (25/06–26/06)

Assessing and optimizing the sustainability in a company is a complex challenge with many obstacles and trade-offs. In this workshop we will focus on environmental issues in business management based on the sustainability goals. Using carbon foot printing and life cycle assessment (LCA) as examples, we will explore the basics of environmental assessment tools and how they can be used to assess and improve a company's environmental performance. We use hands-on, interactive exercises to make the multidimensional subject of sustainability comprehensible and applicable to business.

Organiser:



Coastal Research & Management

Coastal
Research & Management

In collaboration with the
Aquator gGmbH



Unique opportunity: The workshop is co-financed by the EU, the participation is free of charge! Further information and registration here: