



1st MISSION ARENA
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Mapping Bioeconomy in Baltic Sea Region

Cross-sectoral collaboration between bioeconomy sectors

Karolina Granja, SUBMARINER Network

in  #MissionArenaBANOS1



Funded by
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ShapingBio aims to promote innovation in the European bioeconomy across sectoral, governmental and geographical levels by providing evidence-based information and recommendations for better policy alignment as well as supporting and integrating stakeholders in the bio-based sectors.

Project period

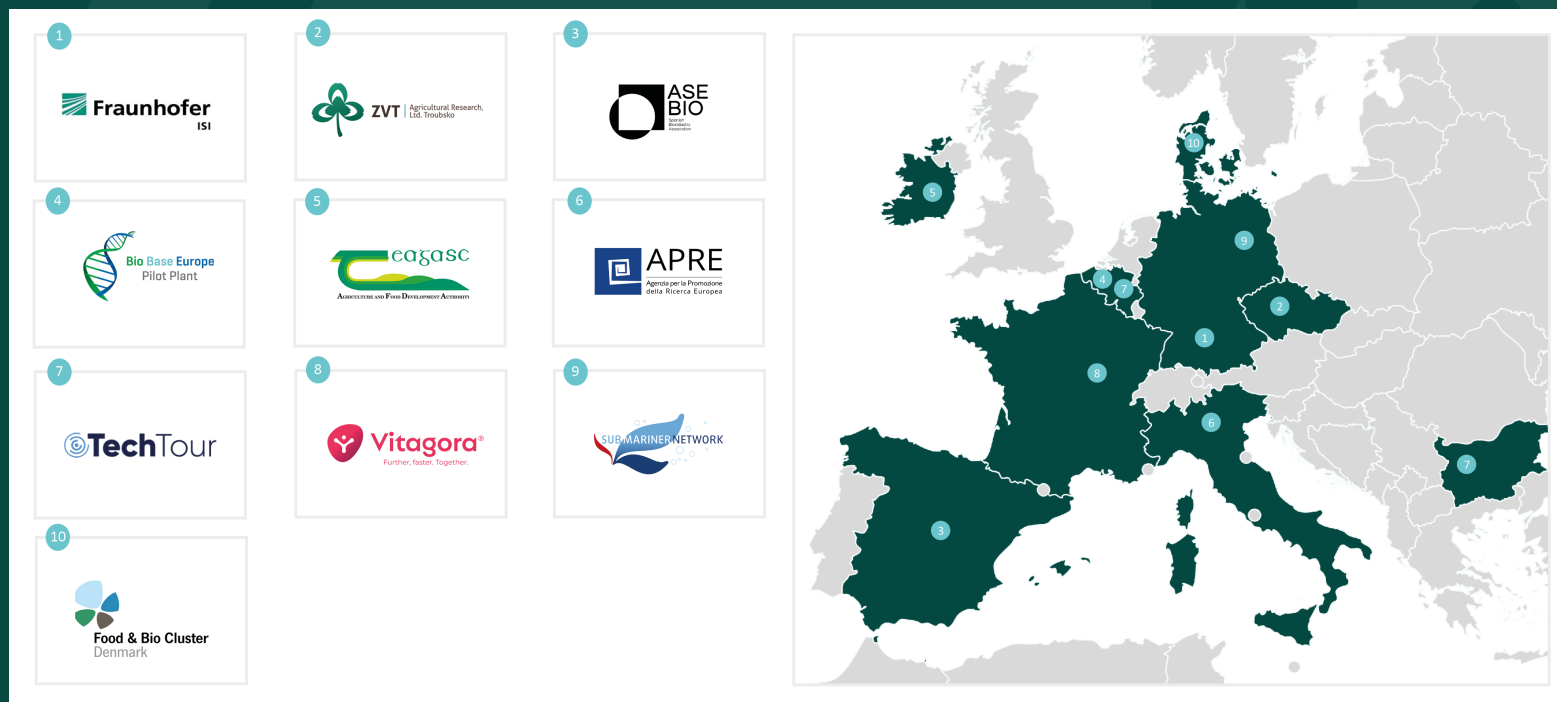
September 2022 to August 2025











Coordinator

Fraunhofer ISI

SUBMARINER Network

Baltic Sea coverage – Focus on how blue bioeconomy can benefit from better integration



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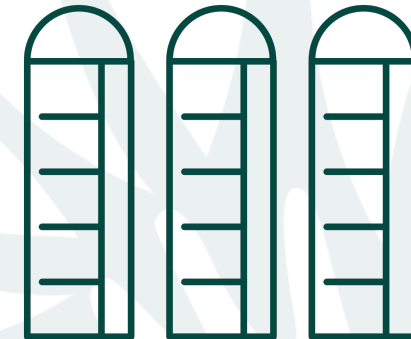
The potential & challenge



The transition to a circular bioeconomy and sustainable food systems has high potential to contribute to societal challenges such as **climate change, substitution of fuel resources** and can contribute to **healthy food and diets**.

BUT several challenges in relation to getting a wider uptake of the innovation generated in the bioeconomy sector, such as

- sectoral silos and
- the bioeconomy being not an own dedicated policy field



Step 1: Creating a better understanding



Create a better information basis of the bioeconomy innovation eco-system by providing

a comprehensive mapping and analysis of initiatives, structures, policy instruments and key gaps across the EU macro-regions and different sectors related to:

- Policy and governance
- Applied R&D and technology transfer
- Collaboration (cross-sectoral)
- Financing

Cross-sectoral collaboration

Main observations

1. Denmark, Sweden and Finland have a long tradition of cross-sectoral cooperation (e.g. food, fishery).
2. Cooperation levels of biomass producers in Lithuania, Latvia and Estonia are comparatively lower despite interest for collaboration among producers. Instead, closed loop system solutions within a single company are more common.
3. Cooperation works better between regional actors.
4. In LT, LV, EE: untapped sources of materials. Challenge: may not have industry that is currently well equipped to utilise side streams

Case study on Denmark

1. Trends towards industrial symbioses with a circular approach
 - Kalundborg Symbiosis
 - GreenLab in Skive
 2. Main barriers (case "Grass Protein")
 - Visibility of value creation through value chain. A need to increase incentive to use green solutions (e.g. via higher CO2 taxes)
 - Economic asymmetries between the partners affect the power structure in the collaboration
 - A new to the market, and the product approval phase is long and costly. By integrating regulatory clarification and requirements early in the development process, the time to market can be optimised
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www.shapingbio.eu/get-involved/

HAVE YOUR SAY

Get involved!

Join the ShapingBio community to have your say on how future bioeconomy policies should be shaped.

ShapingBio aims to support and accelerate bioeconomy innovation and the utilisation of new knowledge in the EU and its member states by getting a better understanding and information basis of the bioeconomy innovation eco-system as well as by involving all relevant actors. In that way we can provide advice on policy design, but also propose new ways of matchmaking, networking and knowledge-transfer.

Join the ShapingBio community now to receive invitations for events where you have the possibility to influence how future bioeconomy policies are shaped!

[Register here](#)

