

What is the SUBMARINER Network for Blue Growth?

*A strategic approach to implement actions towards
promoting sustainable and innovative uses of marine
resources in the Baltic Sea Region*



SUBMARINER topics

Macroalgae
harvesting and
cultivation



Mussel
Cultivation



Reed &
Beach Cast



Marine Cultural
Heritage



Blue Bio-
technology



Marine
Litter



Sustainable Fish
Aquaculture



Combinations
with Offshore
Wind Parks



strategic action fields

Actors &
Match-Making



Data &
Tools



Sub-regional
activities



Access to
Pilot sites
& facilities



Training &
Capacity Raising



Technology
Development
& Transfer



Finance &
Funding



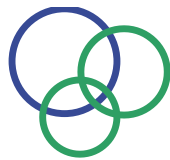
Regulation
& Licensing



Awareness
& Marketing



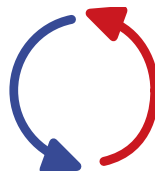
vision 2030



A smart Baltic
Sea Region –
making use of
blue-green
combined
solutions



Maintaining
the Baltic
Sea Region's
natural
capital



Marine
resources as
part of the BSR
sustainable
energy and
biomass
portfolio



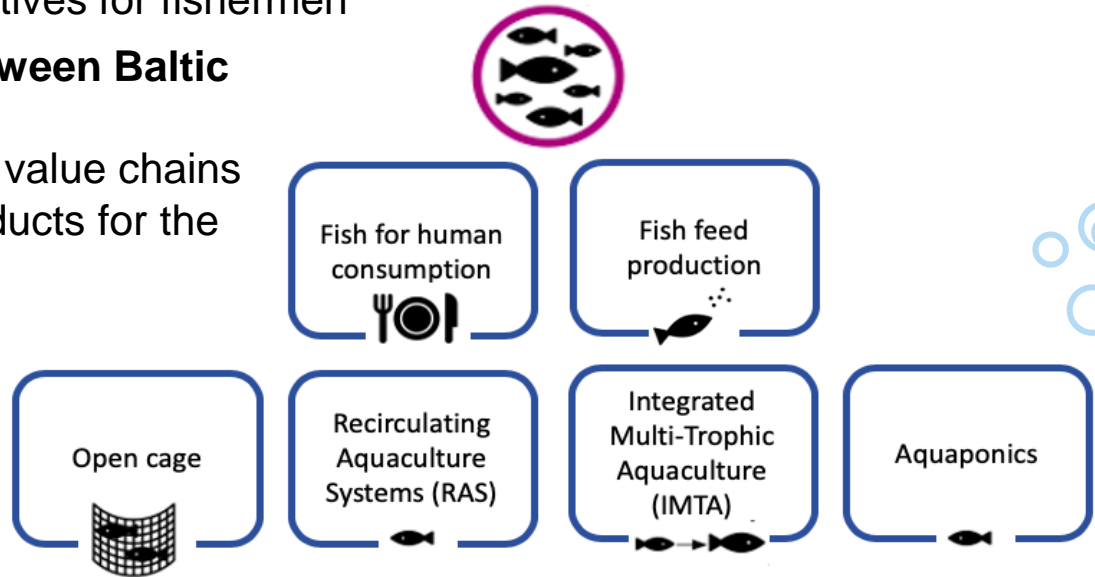
Improve
human well-
being via
new marine
products

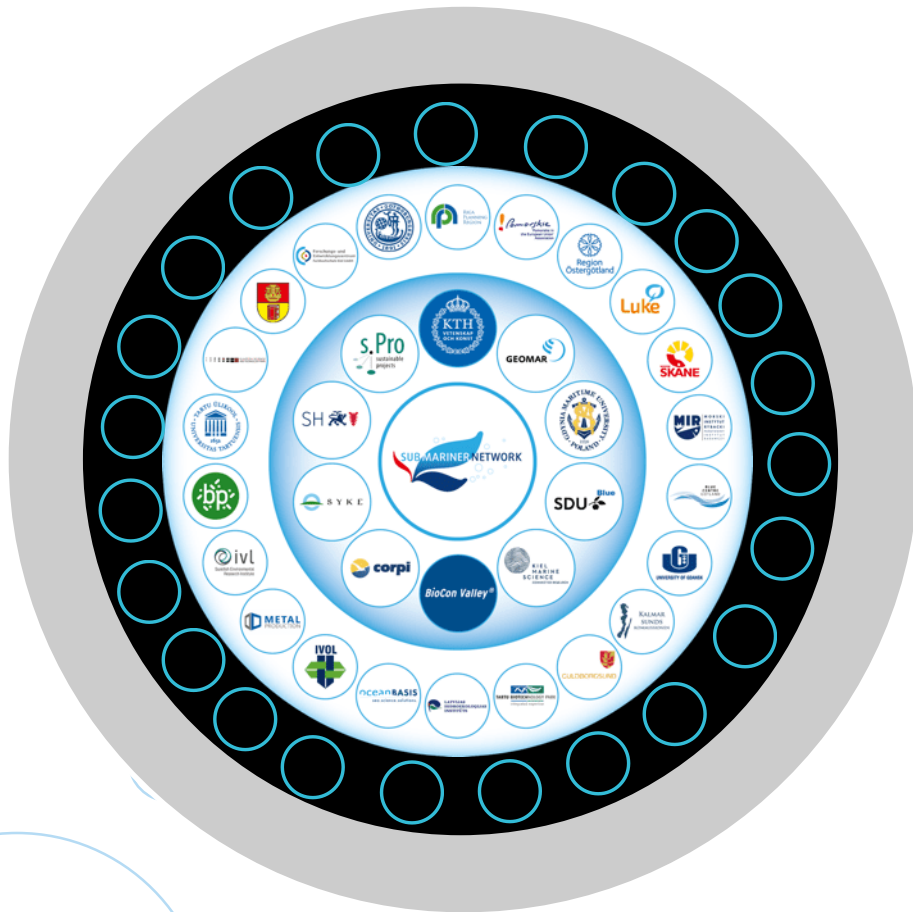


The Baltic Sea
Region – a
biobased
innovation
showcase

What do we promote concretely?

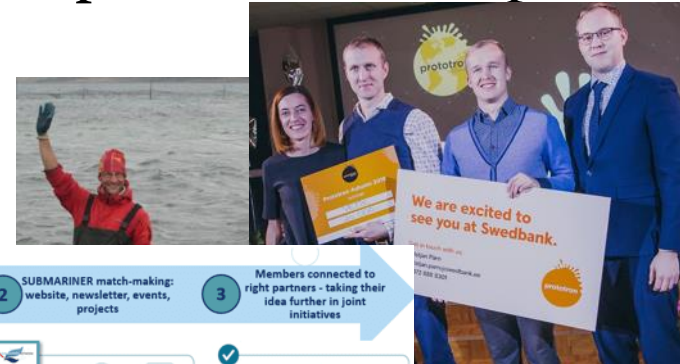
- **Low trophic aquaculture: algae & mussel cultivations**
Novel food ✱ novel feed ✱ nutrient uptake ✱ regional protein resources
- **Sustainable forms of fish aquaculture**
Recirculating Aquaculture Systems ✱ IMTA ✱ Offshore Aquaculture
- **Valorization of 'waste'**
Use of fish side streams ✱ use of non-quota ,small' fish ✱ insects on beach cast
- **Multi-Use / additional income fields**
Offshore wind & fishery .. & mariculture .. & tourism .. & nursery
Pesca-tourism .. fishery & environmental awareness
Fishing for Litter ... incentives for fishermen
- **Improved communication between Baltic producers and consumers**
Transparency of product value chains
Convenient regional products for the modern consumer



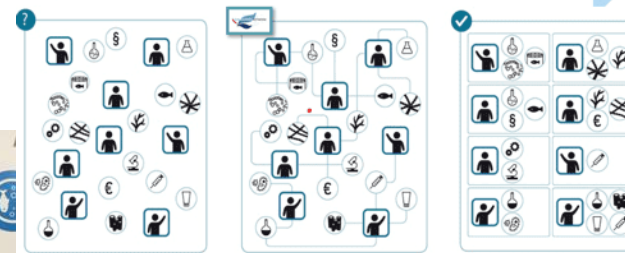


- 32 members
- 16 projects - € 25 mio
- 260 project partners
- 1700 institutions
- 3000 individual actors
- 900 companies & start-ups

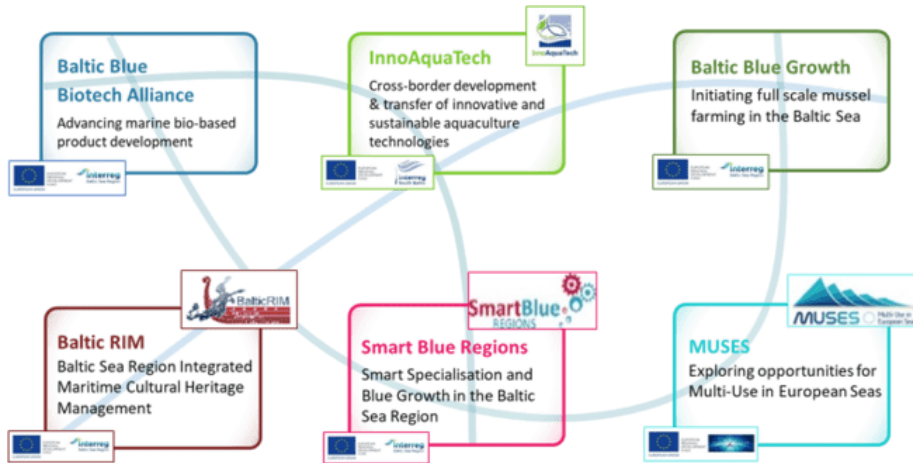
Reaching a critical mass of actions & actors



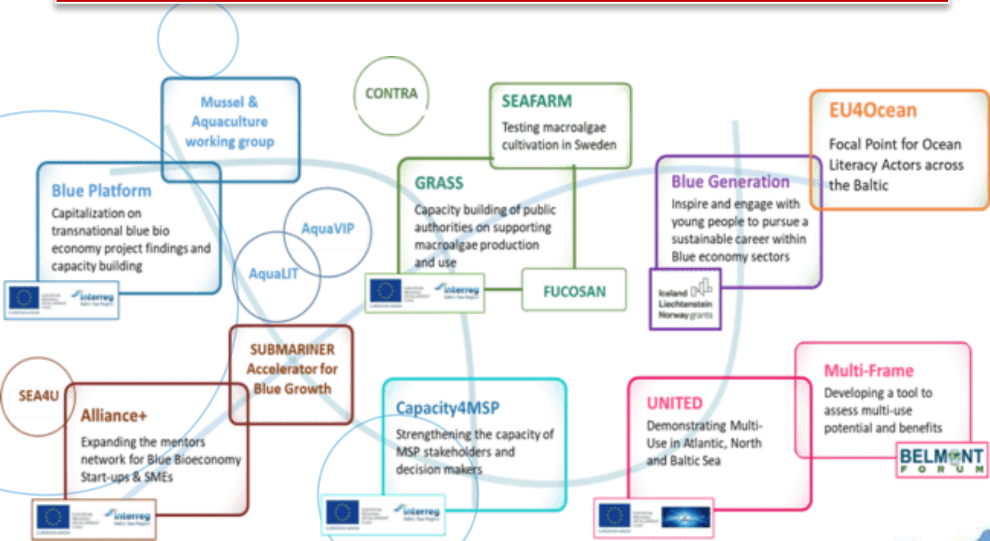
- 1 Identifying actors, competences and initiatives
- 2 SUBMARINER match-making: website, newsletter, events, projects
- 3 Members connected to right partners - taking their idea further in joint initiatives



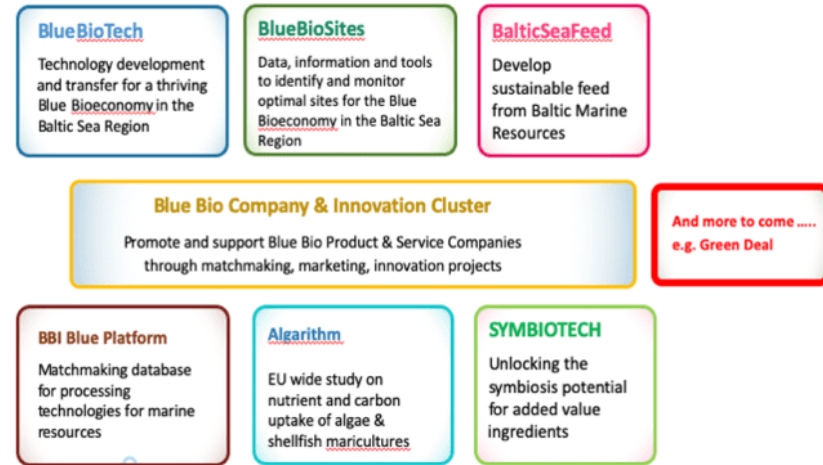
1G projects (2014-2019)



2G projects (2019-2021)



Next GEN projects (2020 beyond)



Permanent Working Groups

Mussels & Aquaculture

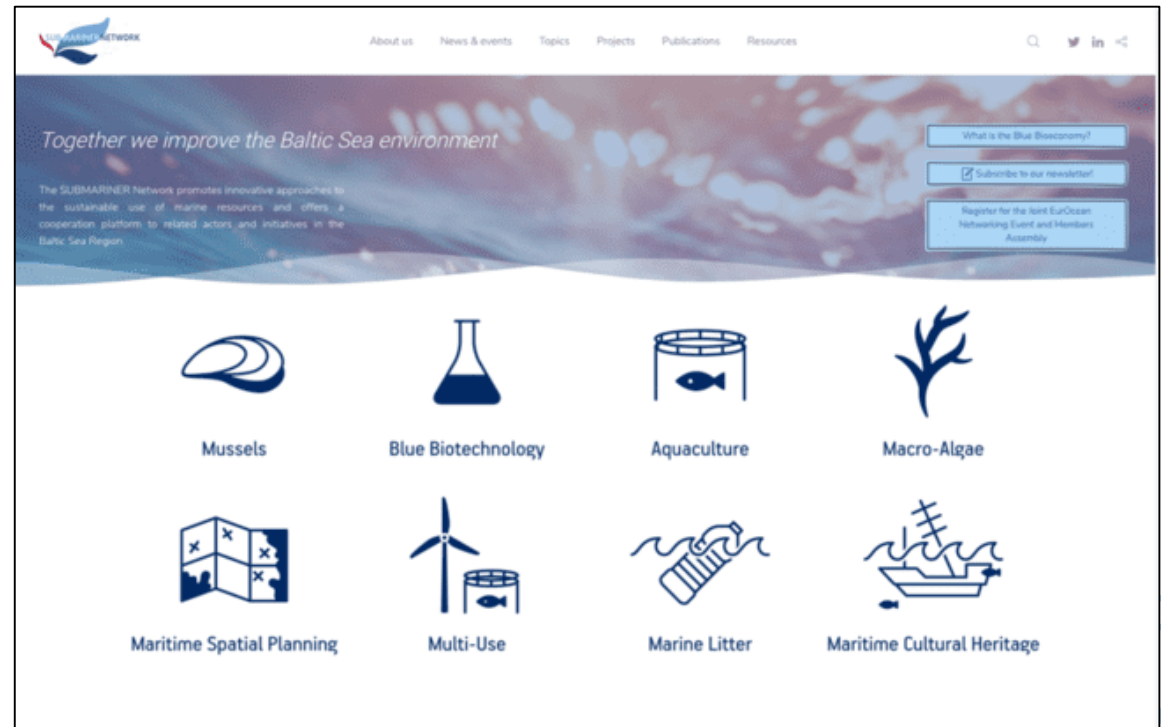
Blue Growth Accelerator

EU4Ocean Literacy Platform



- Reports, data, guidelines, tools, training material, projects, links
- Events, Workshops
- Study tours
- News, opinions
- 'Who is who' – members, incl. business corner
- Match-making / cooperation requests
- Training opportunities, summer schools
- Newsletter service
- Closed section for members

<https://www.submariner-network.eu>



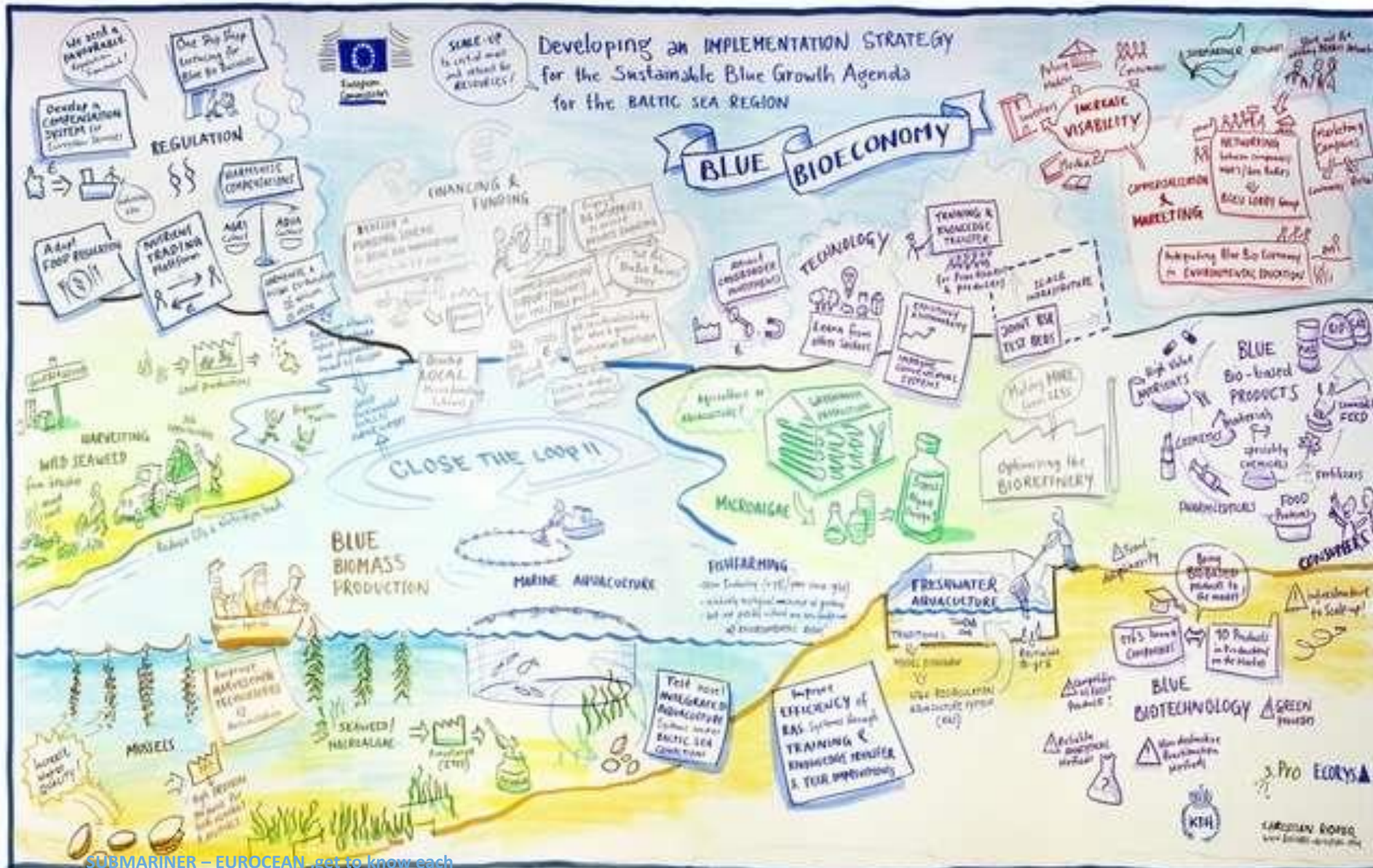
A personal network full of trust (and fun)



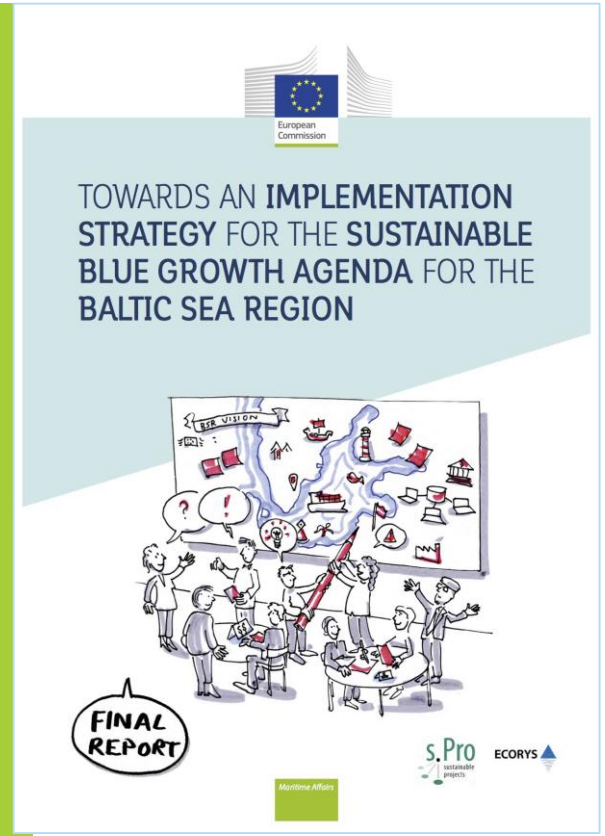
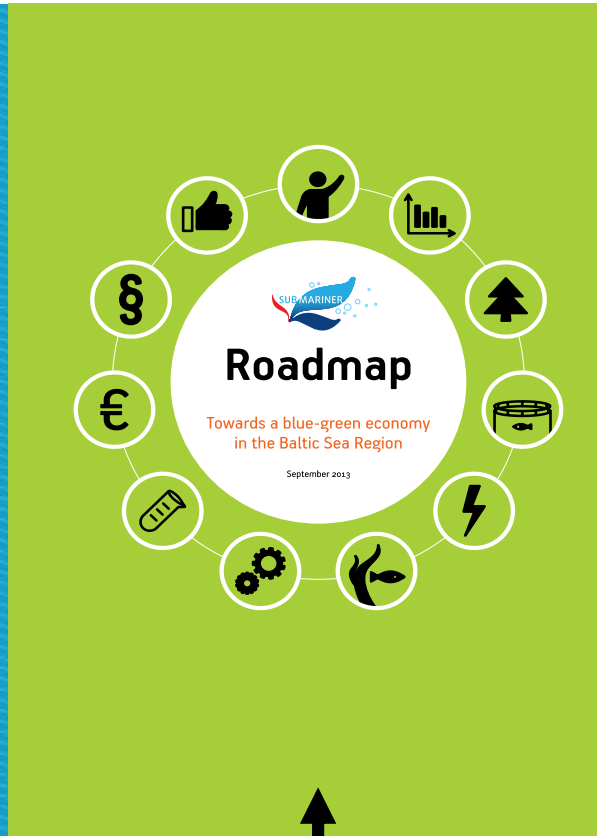
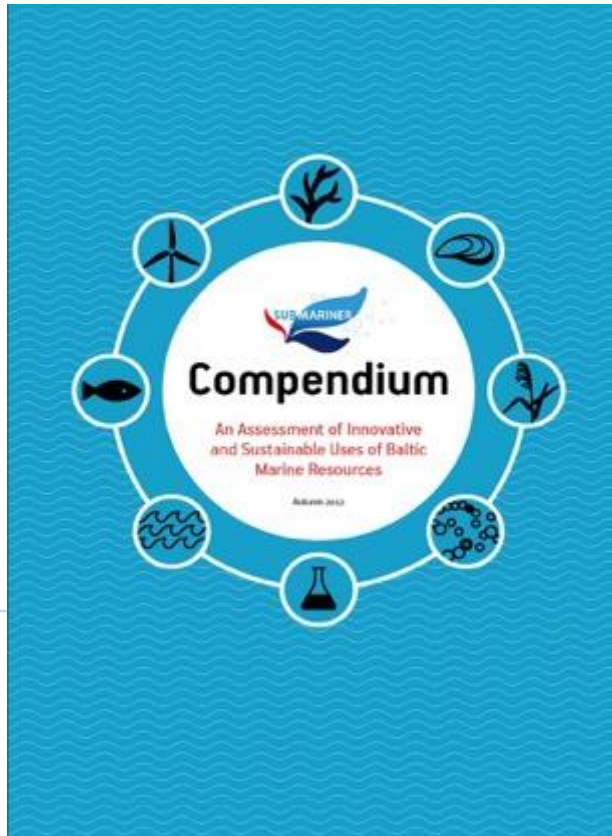
Regular pitching & matchmaking events
Side by side with research & policy initiatives
Long standing & growing network
Blue & diverse – regional & global – mutual interest
Bottom up with dedicated secretariat



And still a lot needs to be done ...



Key Reference Documents



New version coming in 2021 – your input is welcomed and highly valuable!



SUBMARINER Roadmap 2021 - 2030

Overcome *regulatory barriers*: inter-ministerial working group

Company Corner & Services

Actions towards improved *consumer food*



New ways of funding the blue bio economy: investors, retailers, water improvement funds, etc.

Currently being updated!

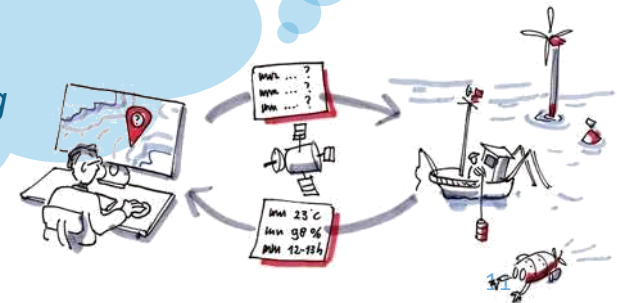
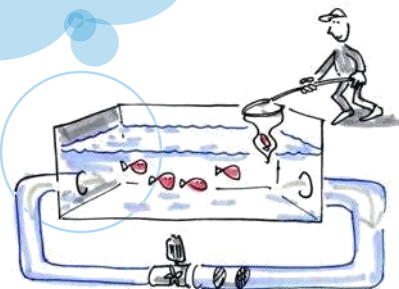
ing, skill on)

System restoration & Marine Litter

Digitalisation: effective & efficient monitoring & information

Feed from Baltic Marine Resources: Macro- microalgae, mussels

Technology Development: biomass production, harvesting, drying, processing, upscaling



*To a good cooperation
in the next years*



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