

The *SUBMARINER* Network
as facilitator for sustainable &
innovative blue growth cooperation



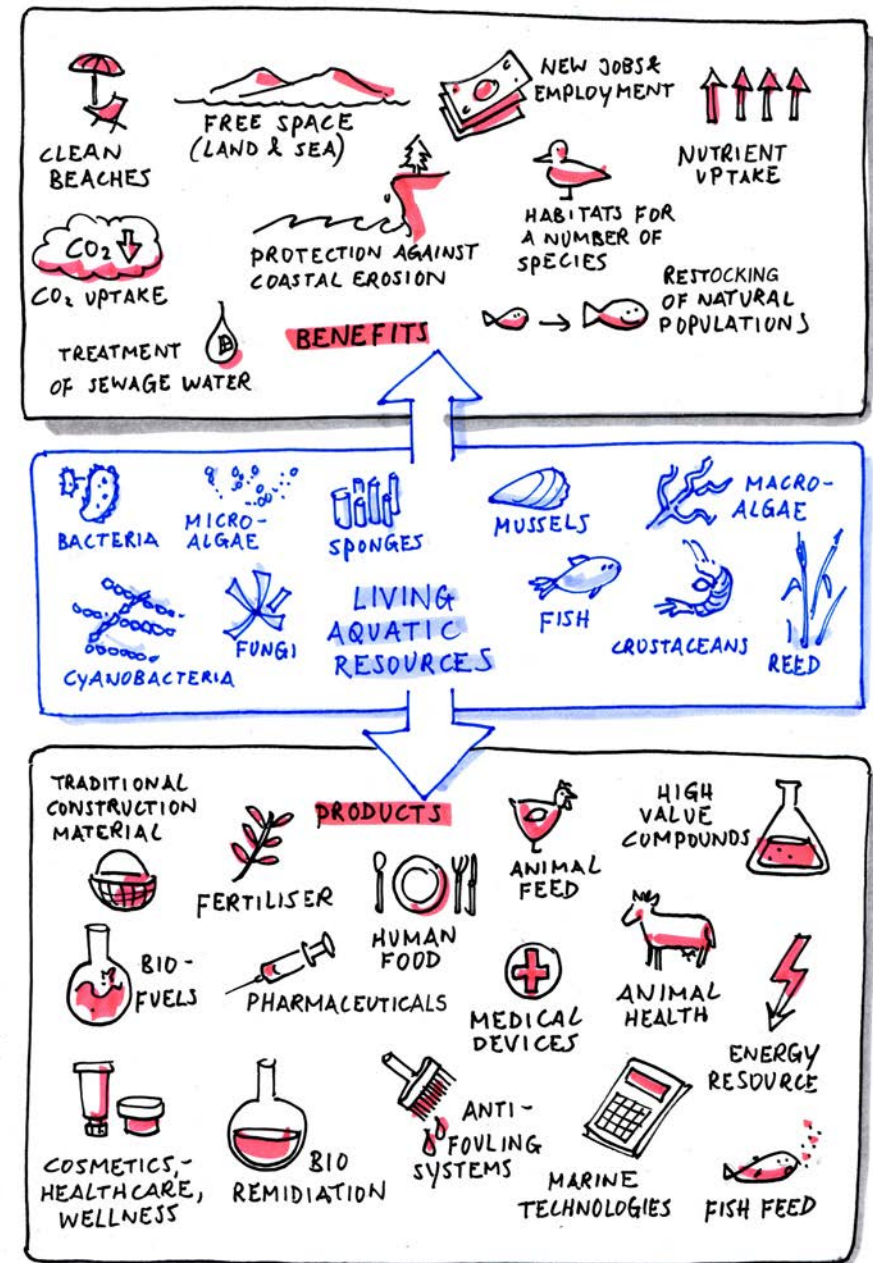
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Managing-Director

Blue Bioeconomy: what is it?

(Commercial) use and conversion of living aquatic resources into a wide variety of products and services such as food, feed, bio-based materials and bioenergy.

- Still relatively young concept
- Driven by increasing knowledge & technical developments
- Often at R&D or start-up stage
- Many projects and initiatives

The blue bioeconomy has potential to offer solutions to our current / future challenges



SUB MARINER

Since its founding in 2014, the SUBMARINER Network family has been continuously growing. It currently has 24 network members, representing all Baltic Sea Region countries. The network includes both public and private sector organisations and reaches out to many more actors both within and beyond our project partnerships.

ROADMAP 2013



THE IDEA 2010

The project SUBMARINER (2010–2013) assessed, for the first time, the potential for innovative and sustainable uses of Baltic marine resources. It developed the idea for the network.

COMPENDIUM 2012



Combination with
Offshore Wind Parks

Sustainable Fish
Aquaculture

Macroalgae
Harvesting
and Cultivation

Mussel Cultivation

Blue Biotechnology

Reed Harvesting

Large-scale
Microalgae
Cultivation

2017 SUBNET CONFERENCE DECLARATION

The 2nd SUBMARINER Conference 'Better off Blue', hosted in Berlin on 27th–28th September 2017, marks another milestone.

NETWORK 2014

Foundation of the
SUBMARINER Network
for Blue Growth EEIG

2016 ROADMAP STATUS REPORT

OUR VISION 2030

The Baltic Sea Region –
a biobased innovation
showcase



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

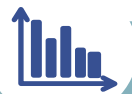


strategic action fields

Actors &
Match-Making



Data &
Tools



Sub-regional
activities



Access to
Pilot sites
& facilities



Training &
Capacity Raising



Technology
Transfer



Finance &
Funding



Regulation



Awareness &
Marketing



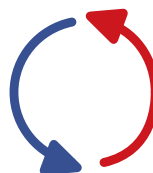
vision 2030



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

Members of the SUBMARINER Network

the hub
for promoting
a sustainable
marine (bio)
economy in the
Baltic Sea Region
and beyond



Member of:



Full
members

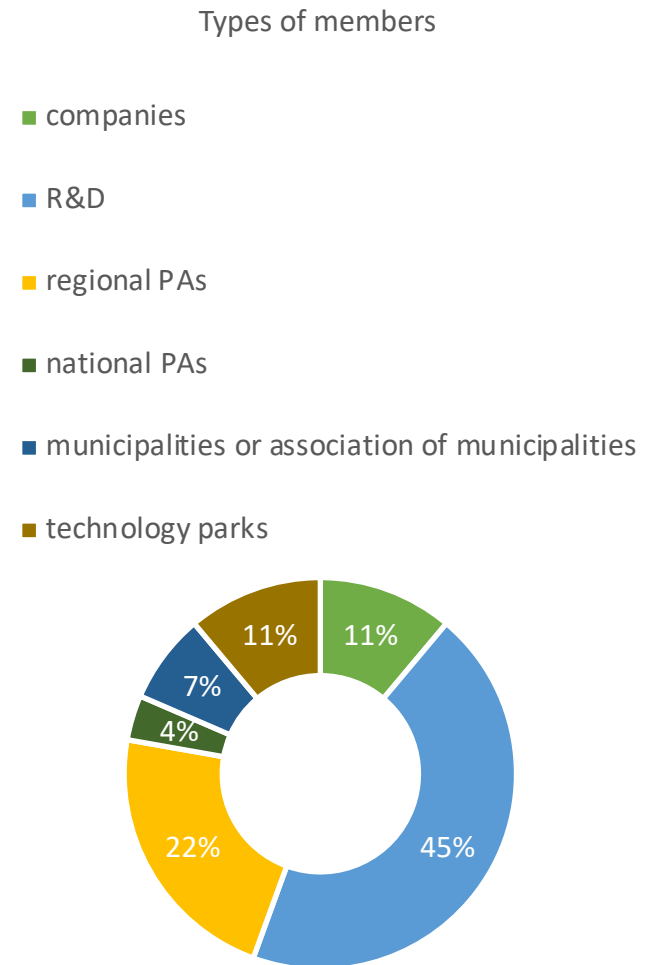
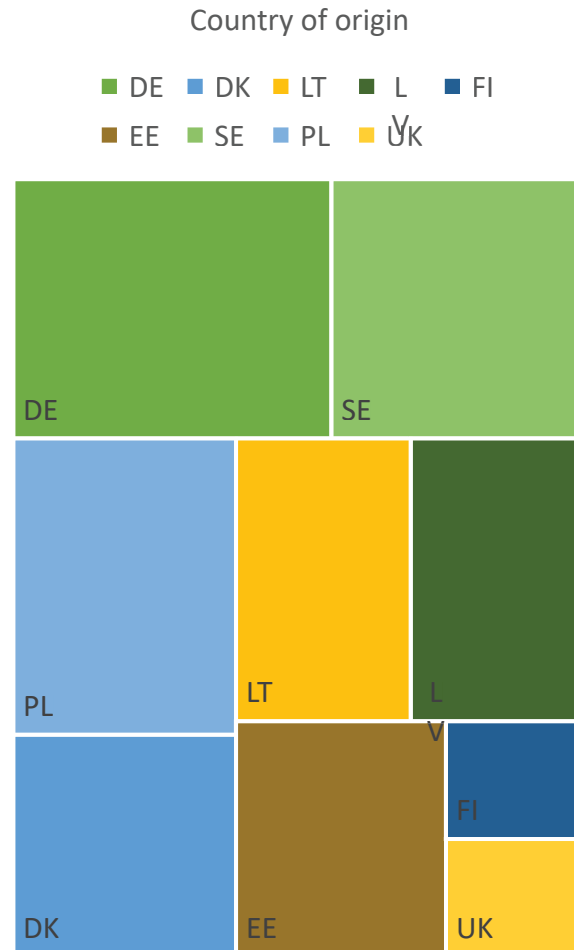
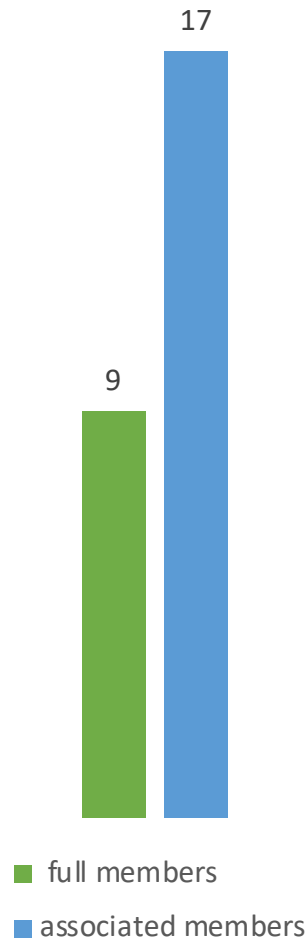
Associate
members

Flagship of:



SUBMARINER Network members

May 2019 ... but changing fast



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



Taking action via projects (2016-2019)



Baltic Blue Biotechnology Alliance

Advancing marine bio-based product development



InnoAquaTech

Cross-border development & transfer of innovative and sustainable aquaculture technologies



Baltic Blue Growth

Initiating full scale mussel farming in the Baltic Sea



Baltic RIM

Baltic Sea Region Integrated Maritime Cultural Heritage Management



Smart Blue Regions

Smart Specialisation and Blue Growth in the Baltic Sea Region



MUSES

Exploring the opportunities for Multi-Use in European Seas, including the scope for innovation and Blue Growth potential

Taking action via projects (2019-2021)

Blue Platform

Capitalization on transnational blue bio economy project findings and capacity building



GRASS

Capacity building of public authorities on supporting macroalgae production and use



Blue Generation

Inspire and engage with young people to pursue a sustainable career within Blue economy sectors



Alliance+

Operationalising the innovation platform and mentoring programme for Blue Biotech SMEs



UNITED

Demonstrating Multi-Use in Atlantic, North and Baltic Sea



Capacity4MSP Platform

Strengthening the capacity of MSP stakeholders and decision makers



Baltic Mussel Farmers & Supporters

- Monitoring standards & data sharing
- Work on legislation & lobby for nutrient payment
- Business planning for a cooperation for joint use of equipment and supply to downstream actors

Aquaculture

- Study tours
- Match-making for SMEs
- Advertise summer schools
- Demo facilities
- Decision Support Tool
- Consulting
- Techno-economic data

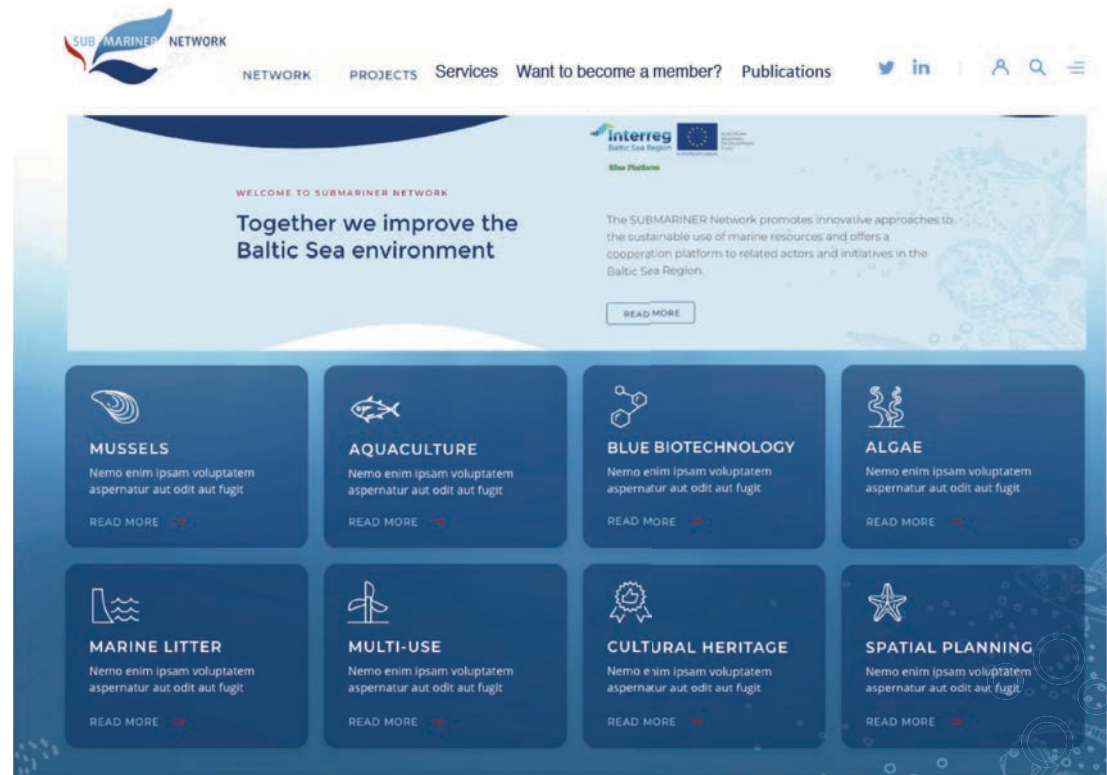
Blue Bio economy Product Development

- Blue Biotech Actors,
- Blue detectives
- Match-making
- Pitching events
- Joint marketing
- Mentor training & mentorship for any new member / case,
- Resources, facilities, expertise

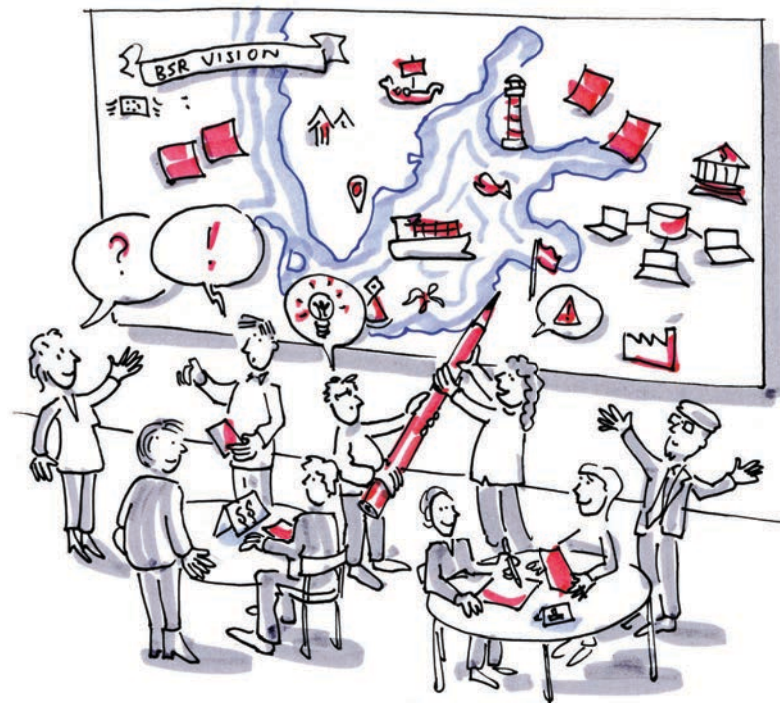
Blue regions

Workshops & stakeholder meetings on demand-driven priority-list topics for unlocking the potential of blue growth

- 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

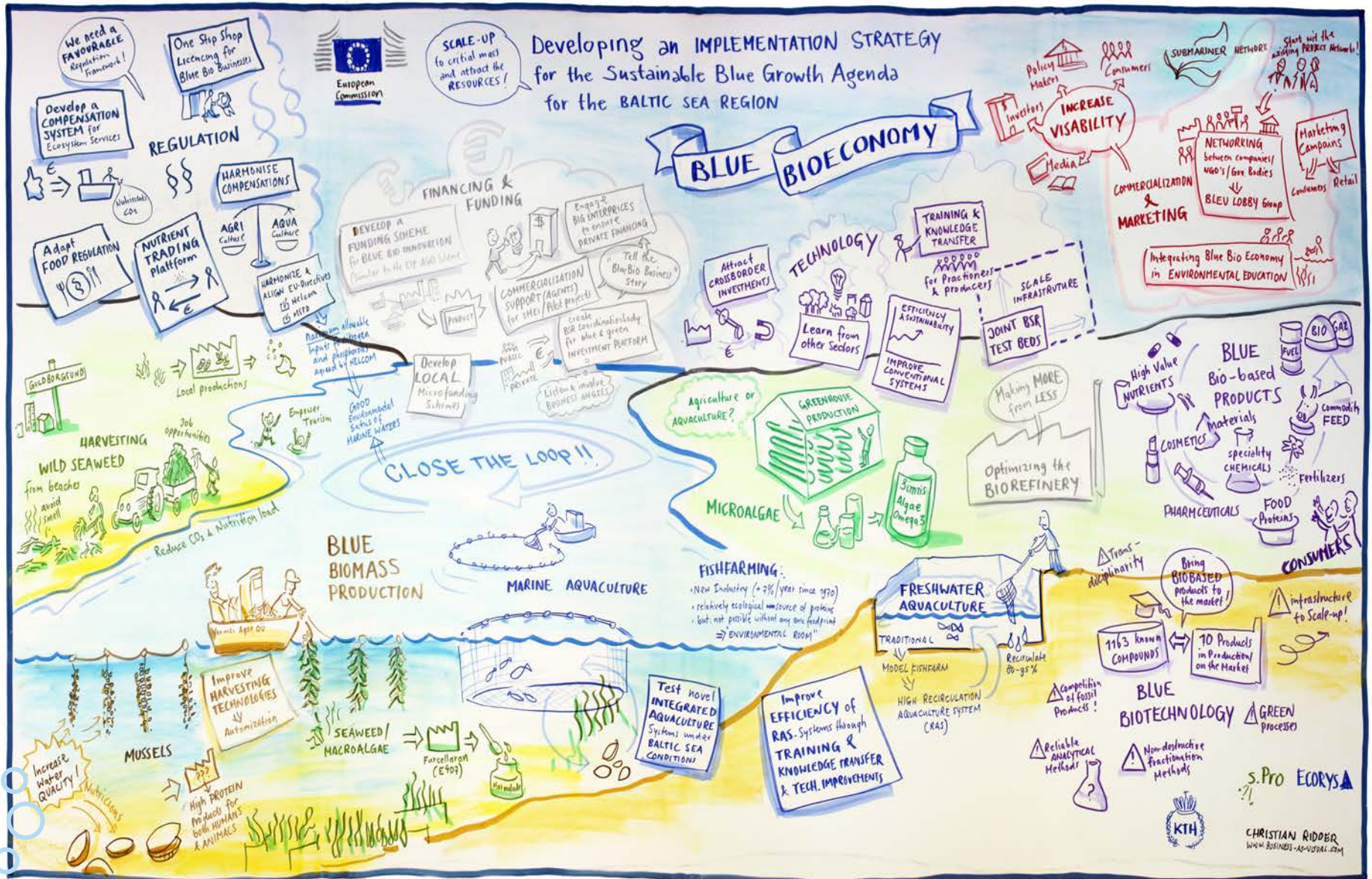


- Where do we stand today?
- Exchange & transfer of knowledge
- Get new stakeholders & players on board
- Identify & discuss still open challenges ?
- Where do we want to be in 2030?
- What needs to be done – and by whom?



Influence future
programmes:
EUSBSR, HELCOM,
INTERREG, EMFF

Motivate all stakeholders
to take action:
Regions, Countries, EU,
Companies, Research



Interested to join?
What can you contribute?

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