



Mussels



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*SUBMARINER Network for Blue Growth  
Members assembly*

*7 Nov. 2019*

## Mussel farming in the Baltic Sea

- High salinity of Baltic Sea is still promising
- Possible measure to counteract eutrophication
- Many opportunities for Blue Growth (feed)

### **Challenges**

- Environmental services should be compensated
- Outdated legislation
- Underdeveloped market
- Lack of infrastructure and technology

# Baltic Blue Growth – initiating full—scale mussel farming in the Baltic Sea

- 2016 – 2019
- Interreg Baltic Sea Region
- 3 operational farms
- Farmers shared data
- **Much better mussel results than expected based on new technology**



## Baltic Blue Growth

Initiating full scale mussel farming in the Baltic Sea



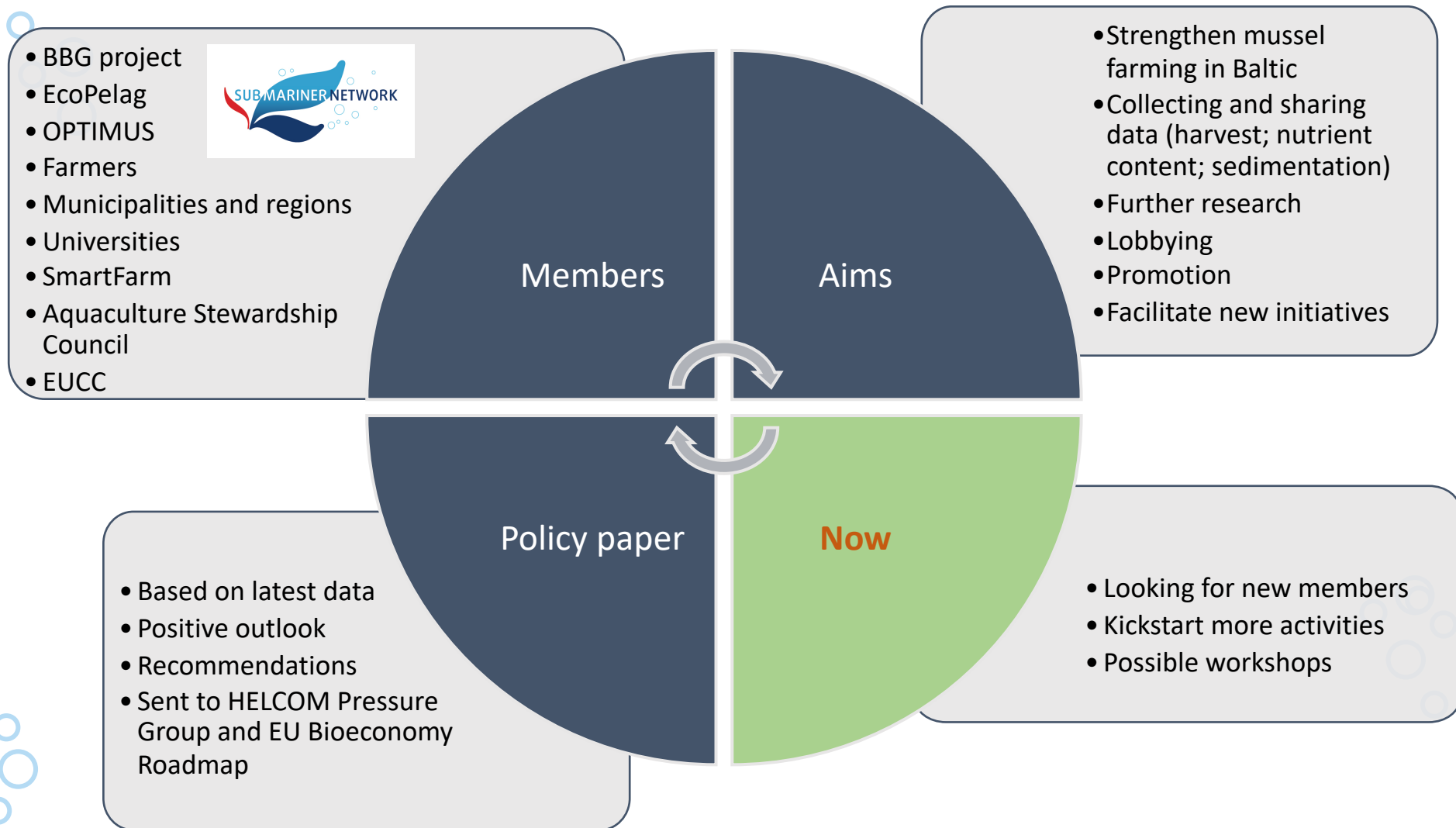


Join the Mussels  
Working Group

- ❖ one-stop-shop for relevant info on sustainable farming
- ❖ publication of policy papers; for e.g. EU Roadmap, HELCOM
- ❖ cross-sectoral interlinkage to other blue bioeconomy fields
- ❖ Operational Decision Support System:  
continue coordinated data collection from existing mussel farms
- ❖ identification of funding and investment opportunities  
new project opportunities – SEED money!
- ❖ Workshop under Blue platform
- ❖ consulting services on offer through SUBMARINER members

**But so far, only 3 SUBMARINER Members:**





# Policy paper September 2019

- More funding and updated legislation for demonstration sites
- Further advance technologies
- Systematic monitoring
- Create market for feed:  
critical mass of mussels
- Compensation measures for aquaculture
- Ecosystem payment schemes
- Cooperation scheme for farmers
- Baltic-wide marketing campaigns
- Certification and labeling

Mussel farming in the Baltic Sea – A SUBMARINER Network Mussels Working Group Paper (September 2019)



## Mussel farming in the Baltic Sea as an environmental measure

- A positive outlook based on new data

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**Edited by:**  
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# Policy paper Recommendations

- Complement land-based measures with appropriate marine actions for **nutrient removal**
- Accept mussel farming as a **nutrient mitigation** and/or **compensation** measure
- Invest in **more and larger farms** to increase knowledge of the environmental effects
- Invest in more and larger farms at strategically selected sites to allow **development of a feed market**
- Identify and optimise appropriate **technology development**
- Pick **most optimal location** – transport, salinity, exposure, biological conditions

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## Activities of the WG

Data sharing

More policy papers

Online info + publications

Raise awareness / lobby

New project proposals

## New members of the WG

Do you know of an institution that should join?

Do you want to join?

Companies

Research Institutions

Regions/  
municipalities

Are you involved in relevant projects/activities?

Study visits ?

Workshop(s) ?

What other activities should the WG engage in?