Interreg Baltic Sea Region

EUROPEAN UNION
EUROPEAN REGIONAL DEVELOPMENT FUND

EU STRATEGY FOR THE BALTIC SEA REGION
FLAGSHIP

COMPLETE

Completing management options in the Baltic Sea Region to reduce risk of invasive species introduction by shipping

13th EUSBSR PA Ship Steering Committee meeting

Miina Karjalainen, Kotka Maritime Research Association

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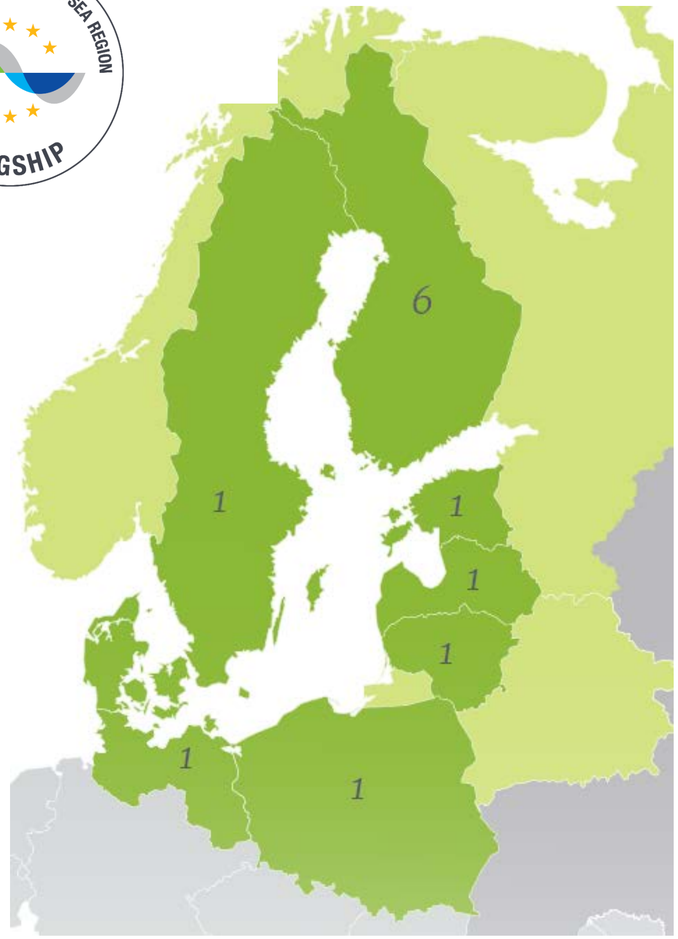
COMPLETE project in a nutshell

- *12 partners*
- *23 associated organizations*
- *10/2017 – 09/2020*

- *Homepage: www.balticcomplete.com*
- *Newsletter: can be subscribed at the project homepage*
- *Twitter: @BalticComplete, #BalticComplete*



COMPLETE project status since the last PA Ship SC meeting

Harmonized monitoring of non-indigenous species

- Mapping areas of risk to alien species introductions
- Developing molecular methods for non-indigenous species detection
- Recommendations for integrated monitoring system
- Information system of non-indigenous species (AquaNIS)
- Operational early warning system (COMPLETED)

Harmonized implementation of Ballast Water Management Convention

- Improving target species (TS) selection criteria (COMPLETED)
- Improved online risk-assessment tool (HELCOM-OSPAR JHP)
- Decision support system for ballast water management
- Training for BWMC compliance monitoring (COMPLETED)

Proposal for a regional biofouling management strategy

ROADMAP

- Estimation of biofouling potential (shipping, leisure crafts)
- Collecting baseline information of biofouling management
- Tools to optimize anti-fouling systems and cleaning methods
- Interactive map of hull cleaning services
- Guidance for leisure crafts

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Latest, most important activities

COMPLETE in-water cleaning workshop on 27–28/05/2019 in Hamburg

- *Theme:* national regulations and approval processes concerning in-water cleaning of boats and ships in the Baltic Sea Region – current procedures and future needs

- *Participants:*
  From 5 countries (Denmark, Finland, Germany, Poland, Sweden) and the HELCOM Secretariat
  Authorities, cleaning companies, interest organizations, experts and other stakeholders

- *Report of the workshop:* to be published in early 2020

Photo: BSH

https://www.balticcomplete.com/news/281-complete-workshop-held-on-the-subject-of-in-water-cleaning-of-boats-and-ships-in-the-baltic-sea-region

Latest, most important activities

COMPLETE stakeholder conference on 4–5/12/2019 in Jurmala, Latvia

- *Title:*
  Towards solutions for sustainable shipping and boating: better biofouling and ballast water management
- *Plenary sessions*:
  Stakeholders presented their views on the problems of biofouling and ballast water management, and project partners described how the results of the project can help solve problems.
- *Small group discussions:*
  How to improve monitoring and early warning system, how is the awareness related to IMO Ballast Water Management Convention implementation and Biofouling Guidelines/Guidance.
- *Participants:*
  Over 70 participants from 10 countries (Denmark, Estonia, Finland, Germany, Latvia, Lithuania, Netherlands, Norway, Poland, Sweden) and the HELCOM Secretariat.
- *Conference webpage:* https://www.balticcomplete.com/news/conference

Photos: COMPLETE / Otto Strazds

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Latest, most important activities

HELCOM MARITIME working group meeting on 24-26/09/2019 in Lisbon

- Concept for a Regional Baltic Biofouling Management Roadmap was submitted to the HELCOM MARITIME meeting
- MARITIME 19-2019 supported the development of the Roadmap, provided comments to develop the Roadmap further and agreed on the process to share the further developed Roadmap with HELCOM
- Meeting documents at HELCOM meeting portal:

https://portal.helcom.fi/meetings/MARITIME%2019-2019-582/default.aspx

Photo: Katja Broeg / BSH

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Latest, most important activities

10th Meeting of the Joint HELCOM/OSPAR Task Group on Ballast Water Management Convention Exemptions on 17-18/12/2019 in Tallinn

- Input for the Risk Assessment Scheme of the Joint Harmonized Procedure (JHP)
- Update on the improvement of the online JHP Risk Assessment tool
- Proposal for a regionally harmonized early warning system (EWS)

- Meeting documents at HELCOM meeting portal:

https://portal.helcom.fi/meetings/TG%20BALLAST%2010-2019-614/default.aspx

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Possible continuation of the Flagship

- *Applying for an extension stage project from the Interreg Baltic Sea Region Programme.*
- *Deadline for applications on 27/02/2020.*

- *COMPLETE PLUS (Practical implementation of the COMPLETE project outcomes), based on the main activities of the regular project, to ensure their sustainability.*

1. Assuring sustainable use of the COMPLETE products for the ballast water management

1.1 Operationality-testing of Early Warning System (EWS)
1.2 Updating the Target Species list based on the new criteria, ensuring future updates
1.3 NIS monitoring data in one site (automated data sharing mechanism)

2. From biofouling roadmap to practical implementation in the BSR

2.1 Training and campaign together with end-users to effectively share the best biofouling mitigation practises
2.2 Implementation of biofouling management toolkit in cooperation with stakeholders
2.3 Developing a Risk Assessment procedure for in-water cleaning
2.4 Implementation plan proposal for the biofouling management roadmap (concrete steps, related timetable)

- *COMPLETE partnership will continue in COMPLETE PLUS, budget ca. 0,8 M €*
- *Implementation time: 10/2020 – 06/2021*

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Assistance/support from PACs and the Steering Committee

- *Requesting for a support letter to be attached to the application for an extension stage project COMPLETE PLUS*
- *Support in distributing information about the project activities.*
- *Welcomed to participate the project events and activities.*

Photo: Kimmo Heinonen / Vastavalo.fi

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THANK YOU!