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

14th EUSBSR PA Ship Steering Committee meeting

Miina Karjalainen, Kotka Maritime Research Association

COMPLETE

Interreg Baltic Sea Region

EUROPEAN UNION

EUROPEAN REGIONAL DEVELOPMENT FUND

EU STRATEGY FOR THE BALTIC SEA REGION FLAGSHIP

COMPLETE project in a nutshell

- *12 partners*
- *23 associated organizations*
- *10/2017 – 09/2020 → PROLONGATION of 6 months applied for*

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

COMPLETE

Interreg Baltic Sea Region

EUROPEAN UNION EUROPEAN REGIONAL DEVELOPMENT FUND

Changes and delays caused by the COVID-19 pandemic

Planned events (stakeholder events, project meetings) have been cancelled
→ have been organized as online meetings whenever possible
→ some events such as stakeholder workshops have been postponed

Access to laboratories limited (sample handling, analyses)
→ slightly delayed some of the activities, continuing after the lockdown

COMPLETE has applied for a prolongation of 6 months to finalize the planned activities
→ if granted, rescheduling the activities and making small budget modifications

COMPLETE

Interreg Baltic Sea Region

EUROPEAN UNION

EUROPEAN REGIONAL DEVELOPMENT FUND

Latest, most important activities

COMPLETE co-hosted two working group meetings of the International Council for the Exploration of the Sea (ICES) held in Gdynia, Poland, on 02-06/03/2020

- Working Group on Ballast and Other Ship Vectors (WGBOSV)
- Working Group on Introduction and Transfers of Marine Organisms (WGITMO)

- 33 participants from 16 countries and IMO
- Exchanging the latest progress of the project with these working groups

- Short story at the COMPLETE web page:

https://www.balticcomplete.com/news/302-two-working-groups-of-the-international-council-for-the-exploration-of-the-sea-held-in-gdynia

Photo: R. Brzana

COMPLETE

Interreg Baltic Sea Region

EUROPEAN UNION EUROPEAN REGIONAL DEVELOPMENT FUND

Latest, most important activities

HELCOM State and Conservation meeting on 11-15/05/2020

- Draft non-indigenous species (NIS) monitoring programme was presented for the HELCOM State and Conservation meeting in May 2020.
- Contracting parties have time to comment the proposed programme until 11 June after which an expert meeting will be held 17 June to discuss the possible amendment needs.
- The finalized NIS monitoring manual will be submitted for acceptance to the next State and Conservation meeting in 2021.

- HELCOM meeting portal: https://portal.helcom.fi/meetings/STATE%20-%20CONSERVATION%2012-2020-740/default.aspx

- Short story about the work at the COMPLETE web page: https://www.balticcomplete.com/news/310-non-indigenous-species-monitoring-manual-drafted-and-presented-for-helcom-contracting-parties

Photos: Maiju Lehtiniemi / SYKE

COMPLETE

Interreg Baltic Sea Region

EUROPEAN UNION EUROPEAN REGIONAL DEVELOPMENT FUND

Latest, most important activities

Documentary film BALTIC HITCHHIKERS

- Focusing on biofouling issues
- Illustrates how species can travel around when they attach to the hulls of ships and leisure boats
- Concrete examples and sailors experience, but also information how scientists “catch” traces left by these organisms and how new research and monitoring methods can be implemented in the Baltic Sea region.

- Available at:

https://www.balticcomplete.com/news/306-documentary-film-baltic-hitchhikers

COMPLETE

Interreg Baltic Sea Region

EUROPEAN UNION — EUROPEAN REGIONAL DEVELOPMENT FUND

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

Publications: https://www.balticcomplete.com/publications

Project reports: https://www.balticcomplete.com/publications/project-reports

COMPLETE

Interreg Baltic Sea Region

EUROPEAN UNION EUROPEAN REGIONAL DEVELOPMENT FUND

Possible continuation of the Flagship

- *Applied for an extension stage project from the Interreg Baltic Sea Region Programme.*
- *Funding decisions will be made on week 25.*

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

EU STRATEGY FOR THE BALTIC SEA REGION FLAGSHIP

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

Interreg Baltic Sea Region

EUROPEAN UNION
EUROPEAN REGIONAL DEVELOPMENT FUND

EU STRATEGY FOR THE BALTIC SEA REGION
FLAGSHIP

MERI KOTKA

TARTU ÜLIKOOL
UNIVERSITAS TARTUENSIS
1632

UNIVERSITY OF GDANSK

BSH
BUNDESAMT FÜR SEESCHIFFFAHRT UND HYDROGRAPHIE

HELCOM

XAMK
South-Eastern Finland University of Applied Sciences

KEEP THE ARCHIPELAGO TIDY
FINLAND

LATVIJAS HIDROEKOLOĢIJAS INSTITŪTS

SYKE

UNIVERSITY OF HELSINKI

KLAIPĖDOS UNIVERSITETAS

CHALMERS
UNIVERSITY OF TECHNOLOGY

THANK YOU!