



# **EUSBSR** EU STRATEGY FOR THE BALTIC SEA REGION

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## **EUSBSR PA SHIP Steering Group meeting**

**3<sup>rd</sup> October 2023 at 13:00-14:30 (EEST),  
Riga City Council office, Riga, Latvia**

**Interreg**  
Baltic Sea Region



Co-funded by  
the European Union

## Agenda

- 1) **Welcome words and Tour de Table**
- 2) Approval of the agenda and minutes of the last meeting
- 3) Activities of the Policy Area Coordinator
- 4) Discussion and decision on PA Ship meeting structure
- 5) Presentation by Latvian PA Ship Presidency
- 6) Any other business

*Coffee and informal mingle 14:30 - 15:00*



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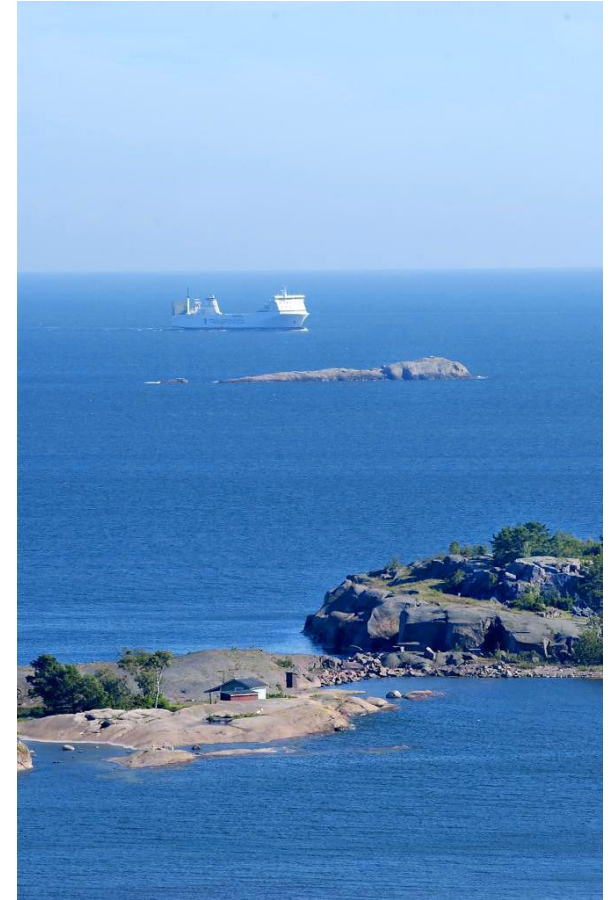
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## Activities of the Policy Area Coordinator

Mirka Laurila-Pant, EUSBSR PA Ship Coordinator  
Finnish Transport and Communications Agency Traficom  
[mirka.laurila-pant@traficom.fi](mailto:mirka.laurila-pant@traficom.fi)

## Overview of the activities since May 2023 1/2

- PA Ship workshop on Operational steps to establish Green Shipping Corridors as a way to achieve zero-carbon shipping (8/6/ 2023) \*
- Donsö Shipping Meet and PA Ship and Safe idea generation workshop (28-30/8/2023) \*
- PAC attended the 2<sup>nd</sup> Informal Consultation session of the HELCOM Maritime Sub-group on Green Technology and Alternative Fuels for Shipping meeting and gave a presentation (12/9/2023)
- Drafting the PA Ship's Rules of Procedure for the PA Ship Operational Steering Group \*



## Overview of the activities since May 2023 2/2

- EUSBSR Policy Areas' Report: Questionnaire for the EUSBSR NCG reporting 2022 (submitted to the BSP on 8/9/ 2023)
- Planning for 2023 and 2024: PA Safe and PA Ship project idea workshops
  - **Estonia 12 October 2023** (in cooperation with Estonian Maritime Academy)
  - Spring 2024: Germany 6 March 2024 (MARISSA/MCN), Denmark (Danish Maritime Fair, May 2024)
- Annual Forum 2023 in Riga
  - PA Ship and PA Safe are organizing a *Workshop 1: Offshore energy and safety of maritime traffic - adoption of interests*
  - Pa Ship, PA Nutri, Swedish Institute, PA Hazards, PA Bioeconomy and CBSS are organizing a *Workshop 4: strengthening and developing cooperation with Ukraine to empower sustainable rebuilding.*
  - Networking village stand to promote the ongoing and past projects

## **PA Ship organized a Workshop on Operational steps to establish green shipping corridors as a way to achieve zero-carbon shipping in Berlin – 8 June 2023**

- Workshop participants representing:
  - shipping line companies,
  - ferry operators,
  - shipbuilding industry representatives,
  - port authorities and operators,
  - academic institutes,
  - authorities and policymakers,
  - NGOs

### **Keynotes**

- Björn Garberg, Swedish Transport Administration,
- Eirill Bachmann Mehammer, DNV, Norway

### **Panel discussion**

- Eero Hokkanen, Ministry of Transport and Communications, Finland
- Sofie Fogstad Vold, Ministry of Climate and Environment, Norway
- Magnus Gustafsson, Åbo Akademi University, Finland
- Stefan Breitenbach, Port of Hamburg, Germany
- Andrius Sutnikas, Klaipeda Science and Technology Park, Lithuania
- Jan Jarmakowski, Gdynia Container Terminal S.A., Poland

### **The role and support of the EU**

- Antoine Kedzierski, DG MOVE
- Marlene Riedel, EUSBSR Baltic Sea Strategy Point

## PA Ship organized a Workshop on Operational steps to establish green shipping corridors as a way to achieve zero-carbon shipping in Berlin – 8 June 2023

- **Key findings of the workshop**
  1. The need for financial risk-sharing, incentives, and prioritization in the shipping sector
  2. Emphasized collaboration among governments, private companies, and cargo owners in green corridor planning
  3. Concerns about the price gap of alternative fuels
- **Ongoing project planning on establishing green maritime corridors in the Baltic Sea region**



## PA Safe and PA Ship Idea generation Workshop at Donsö Shipping Meet - 29 August 2023

1. Welcome & Workshop Objectives
2. PA Safe & PA Ship - projects and future development
3. Financing opportunities
4. Workshop part 1 - generating ideas

### LUNCH

1. Workshop results & selecting ideas
2. Workshop part 2 - developing ideas
3. Workshop results
4. Summary and final words



## PA Safe and PA Ship Idea generation Workshop: Example project ideas 1/3

### Project Idea 1: Investigating electrification of ships

- Objective: Explore the limitations of electrifying ships and their operations.
- Activities: Research battery chemistry, energy recuperation, and charging infrastructure challenges.
- Partners: Northvolt, Cargotec, ABB motors, Hydrofoil, Chalmers, SSPA, KTH, Automotive cells company, Ewellix, Roadstead, Stena, RISE, Vard, Candela...
- Funding: Horizon Europe

## PA Safe and PA Ship Idea generation Workshop: Example project ideas 2/3

### Project Idea 1: Investigating electrification of ships

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- **Funding:** Horizon Europe

### Project Idea 2: Accelerating Climate-Neutral Shipping

- **Objective:** Cut the time for IMO rule changes in half to promote climate-neutral shipping.
- **Activities:** Form clusters in the Baltic Sea and EU/global regions, identify obstacles, propose solutions.
- **Partners:** universities (political science), authority (in Sweden Transport authority, Transport administration), all other stakeholders that direct or indirect contact with IMO

## PA Safe and PA Ship Idea generation Workshop: Example project ideas 3/3

### Project Idea 3: Windfarms

- **Objective:** Study the impact of windfarms on shipping and fisheries.
- **Activities:**
  - Increase common understanding between maritime actors/sectors (fishery, shipping, tourism, military) / monitoring agencies
  - Data collection (sensors)
  - How does the wind farm setup effect the ice and how can we get fishing the best usage of wind farms (sensors)
- **Partners:** Sjöfartsverket, GU (University of Gothenburg), MDU (Mälardalen University)





# **EUSBSR**

## EU STRATEGY FOR THE BALTIC SEA REGION

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Project updates



*Green Ports fostering  
zero-emissions in*

## **BLUE SUPPLY CHAINS**

*#BlueSupplyChains*

**Inga Gurries**

Hafen Hamburg Marketing  
gurries@hafen-hamburg.de

**Interreg**  
Baltic Sea Region



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BLUE ECONOMY

**Blue Supply Chains**

# Blue Supply Chains aims at fostering Port Authorities' role...

...to support **greening of port operation** activities

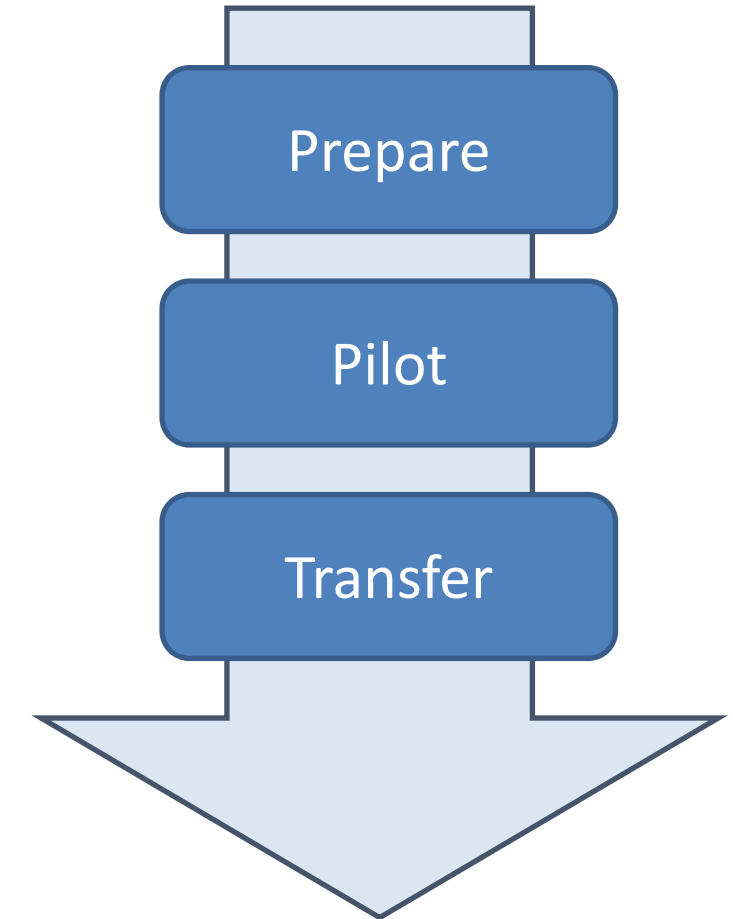
- Mobile on-shore power supply solution (DK)
- Retrofitting concept - diesel RTGs towards alternative fuel powered RTGs (PL)

...in **green energy supply** for transport chains

- Regional green energy supply concept for the port of Umeå (SE)
- Zero-emission inland waterway between Klaipeda and Kaunas (LT)

...in **the set-up of green transport chains** between BSR ports

- Proof-of-concept on cooperation pushing green combined transport solutions between Baltic ports leading to an improved rail ferry service and preparations for necessary adjustments in the ports of Rostock & Trelleborg (SE | DE)
- Start-up pitches to find new green transport solutions (LV)



# Project status (examples)

## Green port operation

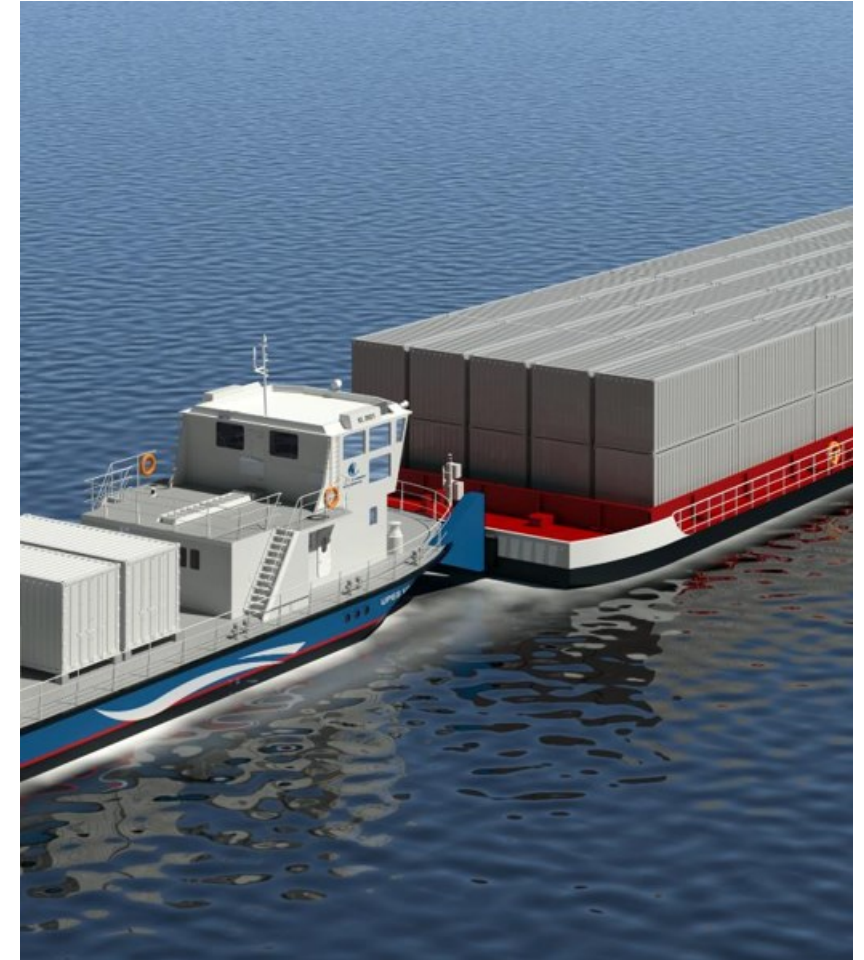
- Customization of a shore power system that will be flexible and able to connect the vessels with grid electrical power has started in Denmark:
  - Contracting with Shore Power System provider Q1 2024
  - System delivery Q2-Q3 2024
  - Commissioning and test Q3-Q4 2024
  - Live test Q4
- Retrofitting gantry cranes to allow especially smaller ports green operation with lower investments:  
A Feasibility study has been launched by the Polish partners.



# Project status (examples)

## Emission free inland waterways

- BSC contribute to an emission free inland waterways, connecting sea port Klaipeda with the hinterland (Kaunas region). The work so far included:
  - Stakeholder management process: discussion with port of Klaipeda and inland ports, energy suppliers, grid providers, and battery producers to develop a charging strategy on the entire supply chain
  - Technical specification for the tugboat is in the final stage



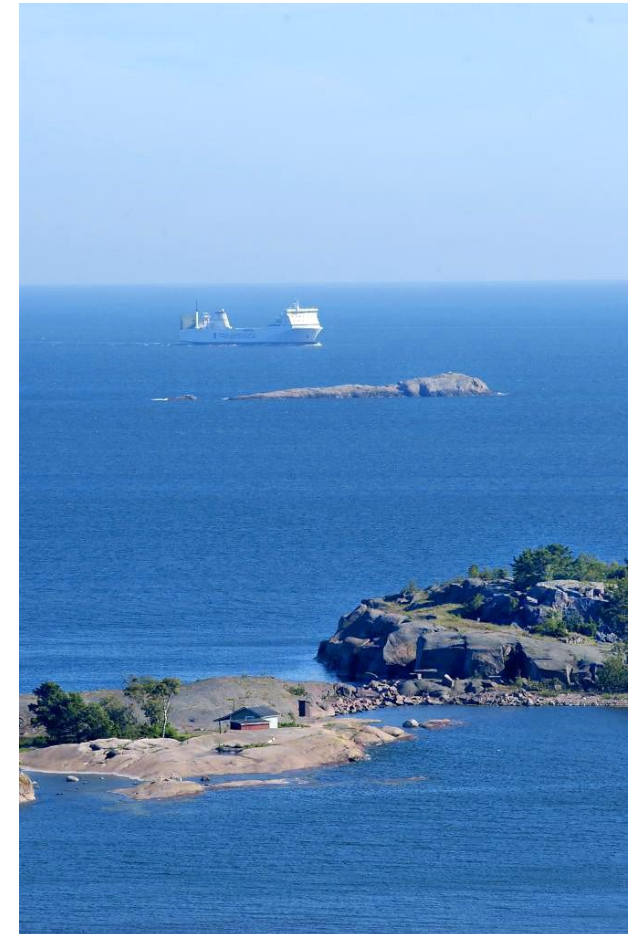
## Interreg Baltic Sea Region 2021 - 2027 2<sup>nd</sup> Call: new Core projects contributing to PA Ship Actions

### **PA Ship Action 1: Support measures including digitalization in reducing emissions from shipping.**

- Baltic Sea e-Nav (11/2023 - ) / Developing services based on new S-100 hydrographic standards
- MADAME (11/2023 - ) / Developing digital services to optimize ship operations and thus support the development of clean and sustainable shipping.

### **PA Ship Action 2: Support research on emerging thematic challenges related to clean shipping and its impact on the environment and wildlife in the Baltic Sea.**

- OpenRisk II (11/2023 - ) / Risk management tools to prevent maritime accidents and thus, minimizing their potential environmental consequences.



## PA Ship Strategy: Updates for Annexes

- Annex I: Projects → Add new projects
  - Blue Supply Chains (Interreg BSR) and Sustainable Flow (Interreg Central Baltic)
  - *Upcoming (Interreg BSR): Baltic Sea e-Nav, MADAME, OpenRisk II*
- Annex II: Work Plan for 2023 → Update the workplan for year 2024
  - Formal SG meeting: May 2024 (Online)
  - Operation Steering Group meeting December 2023 (Online)
  - Add upcoming project idea generation workshops (together with PA Safe)
- Annex III: PA Ship's cooperation procedure with HELCOM → Add to the PA Ship Strategy
- **Action for PAC: Update the whole document and send to the Formal SG during October 2023 for approval before publishing it in the EUSBSR PA Ship website**

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## **Discussion and decision on PA Ship meeting structure**

Mirka Laurila-Pant, EUSBSR PA Ship Coordinator  
Finnish Transport and Communications Agency Traficom  
[mirka.laurila-pant@traficom.fi](mailto:mirka.laurila-pant@traficom.fi)

## Discussion: PA Ship Meeting Structure

Dividing the current PA Ship meetings in two interlinked parts:

- Formal Steering Group

- Focusing on administrative tasks
- PAC work
- Policy dialogue: New rules & regulations
- Deployment of OG recommendations
- Project proposals to OG based on the identified needs



*PAC delivers the key information and inputs between the groups*

- Operational Group (OG)

- Financing and funding issues
- Project status: Current and new projects/ideas (suggestions by Formal SG)
- Recommendations to SG based on project results
- Increasingly activate Member States of the EUSBSR to the work of PA Ship and other policy areas

## Decision: PA Ship Meeting Structure

- Rules of Procedure for the PA Ship Operational Steering Group + Excel form to propose contact information of national experts for the OG meetings
  - PAC have sent the *second* draft on the 26<sup>th</sup> September 2023
  - Deadline for the comments and the list of contact information by 16<sup>th</sup> October 2023
- **DECISION:**
  - To establish the PA Ship OG
  - First PA Ship OG meeting (online) in December 2023?

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**Presentation by Latvian PA Ship Presidency**

Laima Rituma, Ministry of Transport (Latvia)

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## Any other business:

- Information you would like to share (e.g., projects, initiatives)
- EUSBSR Annual Forum 2023 and workshops
- Next Formal SG meeting in May 2024 (Online)

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# **EUSBSR** EU STRATEGY FOR THE BALTIC SEA REGION

# Thank you!

PA Ship Coordinator Mirka Laurila-Pant  
Finnish Transport and Communications Agency Traficom

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