



EUSBSR
EU STRATEGY
FOR THE BALTIC
SEA REGION

**Introduction to Policy Area Ship
and Policy Area Safe**

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Policy Area on Maritime Safety & Security (PA Safe)

- Denmark and Finland serve as Policy Area Coordinators (PACs)
- Finnish Transport Safety Agency (Trafi) and Danish Maritime Authority (DMA)

Policy Area on Clean Shipping (PA Ship)

- Denmark serve as Policy Area Coordinator (PAC)
- Danish Maritime Authority (DMA)

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Objectives of PA Safe and PA Ship

PA Safe

To become a leading region in maritime safety and security

PA Ship

To become a model region for clean shipping

PA Safe - Actions and Flagships

Action	Ongoing Flagships Projects
Cross-cutting activities	
1. Develop co-operation in maritime surveillance and information exchange	
2. Ensuring safe navigable fairways by improving resurveying of shipping routes	Speed up re-surveying of major shipping routes and ports FAMOS
3. Improve safety of navigation by means of e-Navigation and new technology	EFFICIENSEA 2 STM
4. Winter navigation	WINMOS 2.0 STORMWINDS
5. Enhancing the safety of transportation of oil, hazardous and noxious substances	ChemSAR
6. Ensure that crews serving onboard vessels are well trained	
7. Develop preparedness for emergency situations	DiveSMART-Baltic

Flagships in PA Safe



Ongoing projects

✓ = completed projects

1. Speed up re-surveying of major shipping routes and ports
 2. Winter Navigation Motorways of the Sea (WINMOS)
 3. Strategic and Operational Risk Management for Wintertime Maritime Transportation System (STORMWINDS)
 4. Operational plans and procedures for maritime search and rescue in hazardous and noxious substances (ChemSAR)
 5. Efficient, Safe and Sustainable Traffic at Sea II (EfficienSea 2.0)
 6. Diving with State Maritime Resources Together in the Baltic (DiveSmart Baltic)
 7. Finalising Surveys for the Baltic Motorways of the Sea (FAMOS)
 8. Sea Traffic Management Validation (STM)
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- Vessel Triage ✓
 - MONALISA 2.0 ✓
 - Enhanced Situational Awareness to Improve Maritime Safety in the Baltic (ESABALT) ✓
 - Baltic Sea Maritime Incident Response Group ((Baltic Sea MIRG) Project) ✓
 - Conduct a technical feasibility study on a Baltic Sea Coastguard Network ✓
 - Become a pilot region for the integration of maritime surveillance systems (MARSUNO) ✓
 - Become a pilot region for e-Navigation (EfficienSea) ✓
 - Development of shipping routes and e-Navigation in the Baltic Sea (MONALISA) ✓
 - Minimizing the risk of transportation of dangerous goods by sea (MIMIC) ✓

Future areas

- *Autonomy and Digitalisation*
- *Future maritime competences*

PA Safe and co-operation with Norwegian institutions

- Norwegian organizations have participated to some of the already finalized PA Safe Flagships:
 - 1) Efficiensea
 - 2) MONALISA 2.0
- Current Flagships:
 - 1) Efficiensea 2.0
 - 2) STM Validation
- Future: PA Safe would welcome more Norwegian partners in Flagships and lead partners for projects.

PA Ship - Actions and Flagships

Action	Ongoing Flagships Projects
Cross-cutting activities	
1. Create infrastructure for alternative fuels in the Baltic Sea region	
2. Support measures reducing emissions from ships	EnviSuM SHEBA
3. Develop shore-side facilities to foster clean shipping measures	

Flagships in PA Ship



Ongoing projects

1. Sustainable Shipping and Environment of the Baltic Sea Region -SHEBA
2. Environmental Impact of Low Emission Shipping: Measurements and Modelling Strategies - EnviSuM

✓ = completed projects

- Compliance monitoring for Marpol Annex VI - CompMon ✓
- To facilitate LNG (liquefied natural gas) infrastructure in Baltic Sea Ports II - LNG in Baltic Sea Ports II ✓
- Build competences on Liquefied Natural Gas installations in the region ✓
- Promote measures to collect ship generated waste ✓
- Elimination of discharges of sewage from ships ✓
- To facilitate LNG (liquefied natural gas) infrastructure in Baltic Sea Ports ✓
- Clean Baltic Sea Shipping ✓
- BSR Innoship ✓
- Conduct a feasibility study on LNG infrastructure for short sea shipping ✓
- Improve the waste handling on board and in ports ✓

Future areas

- *Enforcement of environmental regulations*
- *Autonomy and Digitalisation*
- *Future maritime competences*

Why try to attract business partners?

- Important to involve "end users" to ensure that results are usable
- Business tends to be critical and not go into projects that do not seem to produce valuable results
- Address the challenges for businesses to be involved in projects



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Thank you for your attention

Further information

<http://www.balticsea-region-strategy.eu/>

<http://pa-safe.dma.dk>

<http://www.balticsea-region-strategy.eu/>

<http://pa-ship.dma.dk>