Interreg
Baltic Sea Region

EUROPEAN UNION
EUROPEAN REGIONAL DEVELOPMENT FUND

ChemSAR

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Operational Plans and Procedures for Maritime Search and Rescue in Hazardous and Noxious Substances (HNS) Incidents

Challenge

Large quantities of different chemicals are transported by sea and the risk of accidents exists.

There is a lack of operational plans or standard operational procedures for SAR operations applicable to cases of HNS incidents in the Baltic Sea Region.

Demanding maritime accidents are almost always international in nature, which emphasizes the significance of common procedures and common level of know-how.

ChemSAR project objective

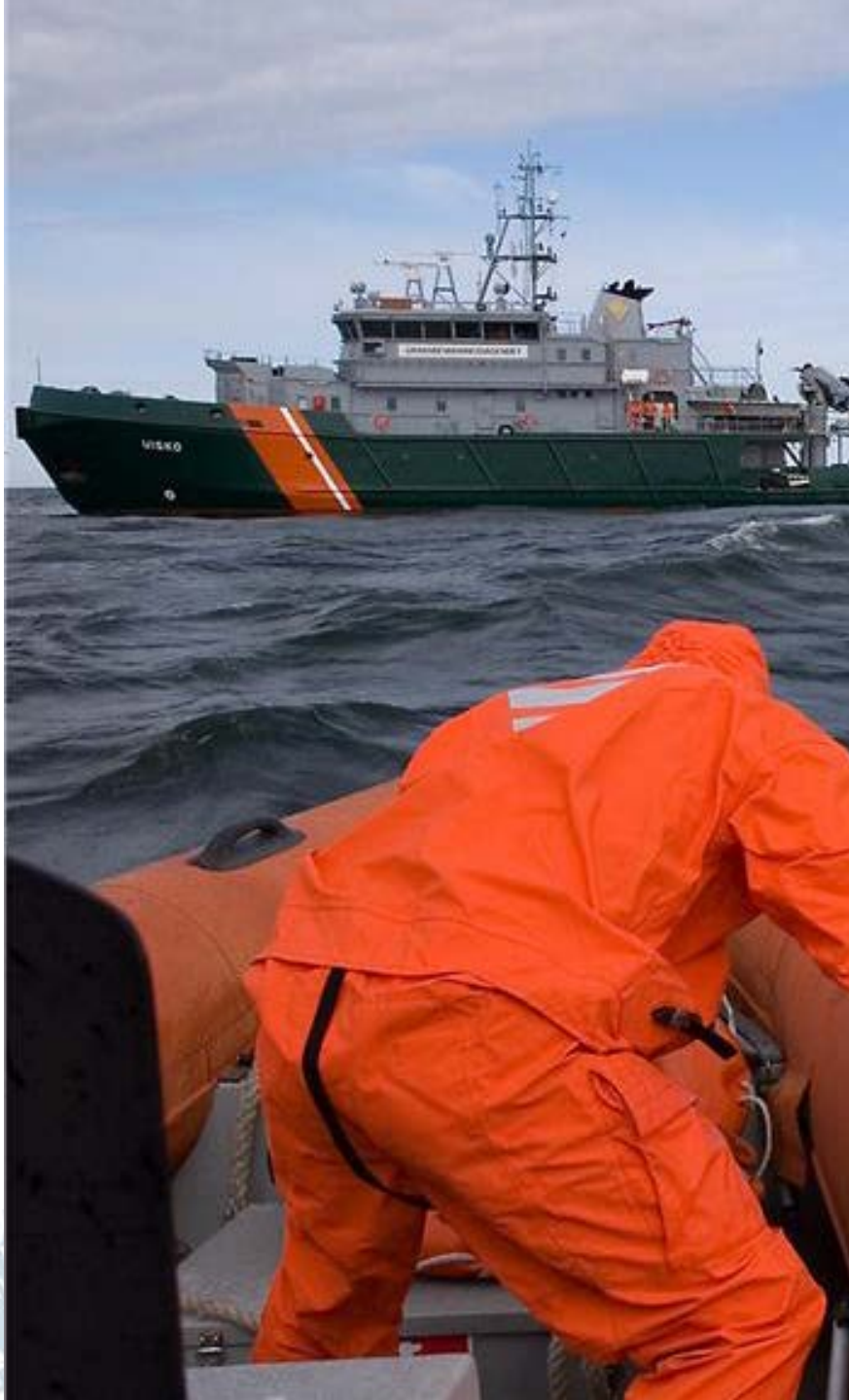
To create uniform operational plans and standard operational procedures (SOP) to save human lives in maritime HNS incident areas in a manner that:

- the lives of the rescue crews will be protected and
- the impact on the environment will be minimized.

The project will increase the capacities of maritime rescue authorities and services and improve the competence and transnational co-operation capabilities in the Baltic Sea countries.

Work Package Structure

- WP1 Project Management and Administration
- WP2 Operational plans and SOPs for the rescue operations
- WP3 E-learning material for SAR operations and HNS incidents
- WP4 Chemical data bank
- WP5 Pilot activities: tabletop and rescue exercises



WP1 Project Management and Administration

WP1 handles with the project coordination, communication and other administrative tasks

WP1 leader is the University of Turku

WP2 Operational plans and SOPs for the rescue operations

The main activity of the WP2 is the creation of SOPs and ”a manual” for the BSR -> how to operate safely in maritime HNS incidents.

WP2 leader is the Finnish Border Guard

WP3 E-learning material for SAR operations and HNS incidents

Main activities of WP3 are creating the technical application and the pedagogical framework for the e-learning material.

WP3 leader is the University of Turku

WP4 Chemical data bank

WP 4 will create a chemical data bank for joint use for maritime and environmental authorities and shipping companies for maritime HNS incidents.

WP leader is the Finnish Border Guard

WP5 Pilot activities: tabletop and rescue exercises

The created plans and SOPs will be tested in tabletop exercises with simulators and a rescue exercise at sea to test the applicability of plans and SOPs.

WP leader is the Estonian Police and Border Guard Board

ChemSAR Partners

FINLAND

- Lead partner: Centre for Maritime Studies, University of Turku
- Finnish Border Guard
- Novia University of Applied Sciences
- Helsinki City Rescue Department

SWEDEN

- Swedish Coast Guard

ESTONIA

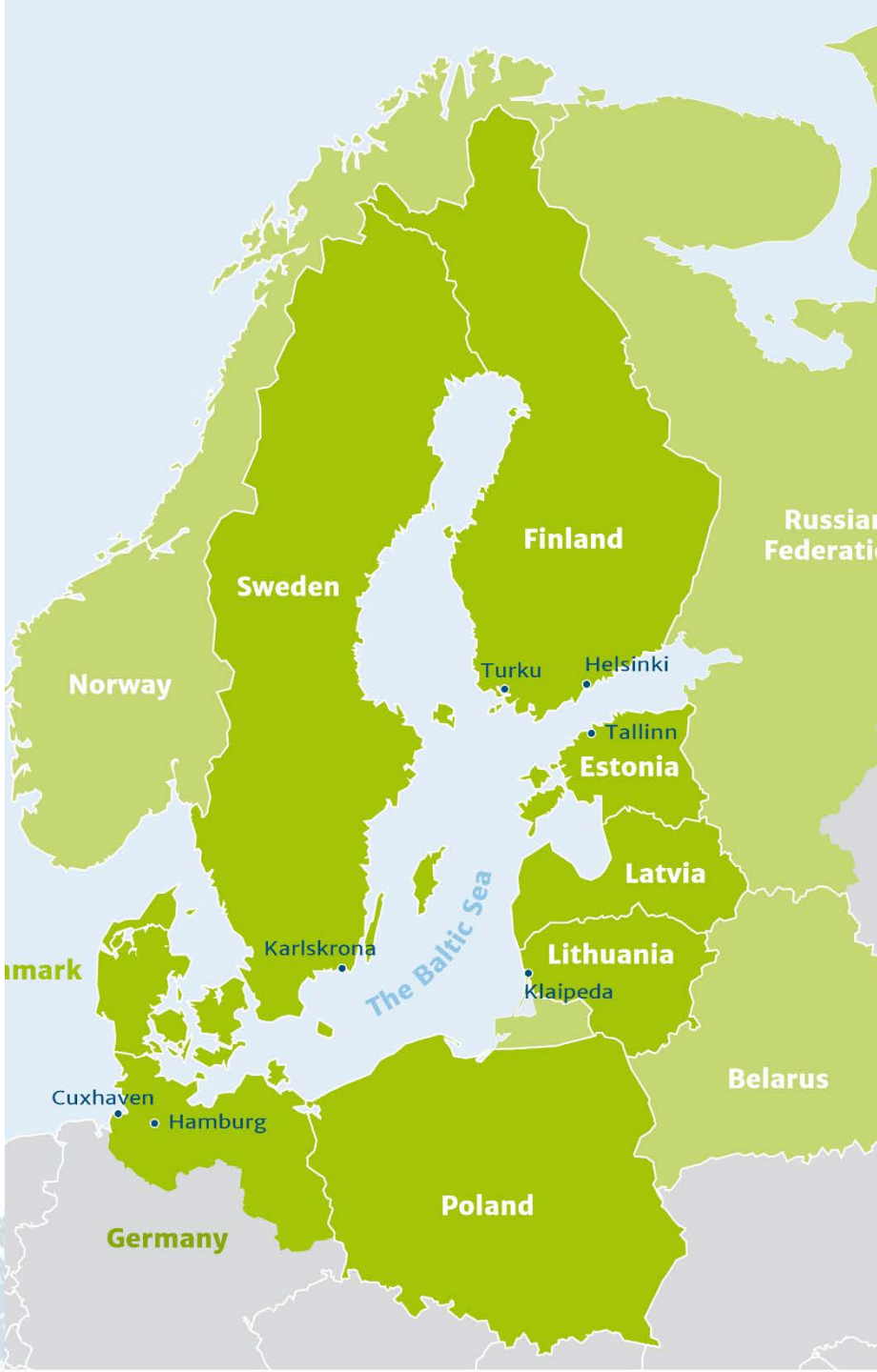
- Police and Border Guard Board

LITHUANIA

- Klaipėda University

GERMANY

- Free and Hanseatic City of Hamburg
- Central Command for Maritime Emergencies Germany (Haveriekommando)



Project Results

- Safer and more efficient rescue operations at sea → more lives saved
- Enchanced transnational co-operation in rescue operations
- More efficient use of the rescue facilities in the Baltic Sea Region
- Increased capacity and competence of the maritime actors
- Decreased harm to the environment

Please visit

http://blogit.utu.fi/ChemSAR

for more information

Project facts:

Project period: March 2016–February 2019

TOTAL budget 2.4 M€

Lead Partner: University of Turku

Priority 3: Sustainable transport – Maritime safety

Specific objective: Maritime safety, to increase maritime safety and security based on advanced capacity of maritime actors

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