

# BRISK II

Long-term risk analysis for oil and hazardous and noxious substances (HNS) pollution from shipping accidents to the marine environment in the Baltic Sea



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Kick-off meeting, Brussels

13 March 2025

# BRISK II

- Duration 24 months (1/2025 – 12/2026)

- Total costs 1 087 397,13 €

- Consortium:

  - Kotka Maritime Research Centre, Finland (coordinator)

  - The Baltic Marine Environment Protection Commission (HELCOM)

  - Royal Danish Navy Command, Denmark

  - Swedish Coast Guard, Sweden

  - Finnish Border Guard, Finland

Associated Partners: Estonia, Germany, Latvia, Lithuania and Poland

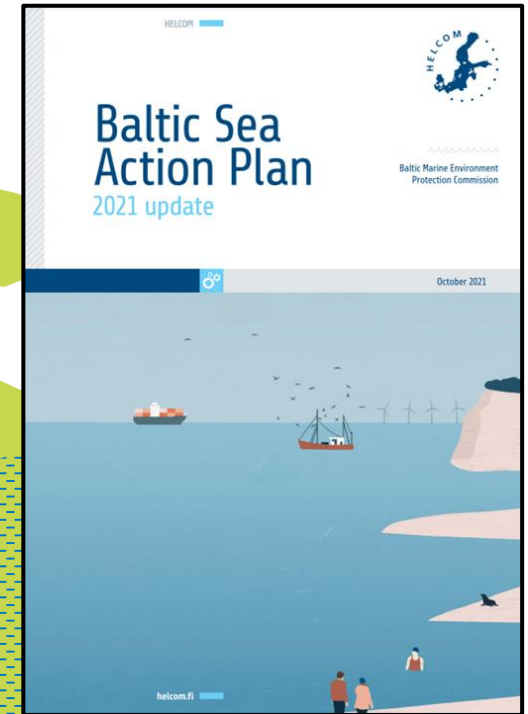
# The Baltic Sea

- Unique but young and fragile ecosystems
- Catchment area 4x area of the sea
- Population 85 million
- Busy waterway ~1500 ships a day
- Multitude of pressures affecting the Baltic Sea



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-  HELCOM contracting party
-  Baltic Sea area
-  Catchment area





BRISK and BRISK-RU  
(2009-2012)  
Baltic Sea

4.2 Risk of accidents

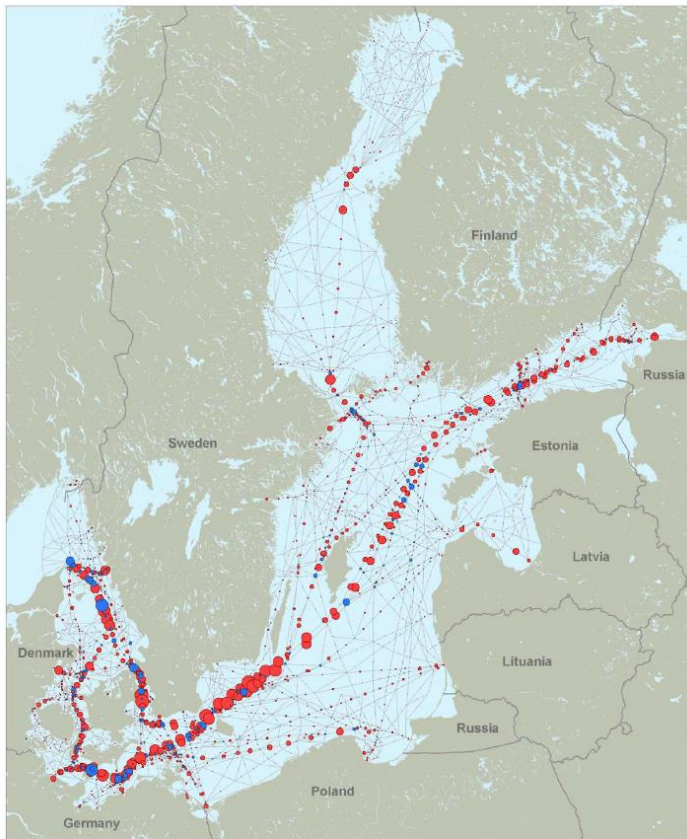


Figure 4-2 Probability distribution for ship to ship collisions. The size of the bubble is proportional with the probability of accidents. Red dots: Head-on and overtaking collisions. Blue dots: Crossing traffic collision

4.5.4 Environmental vulnerability: Winter

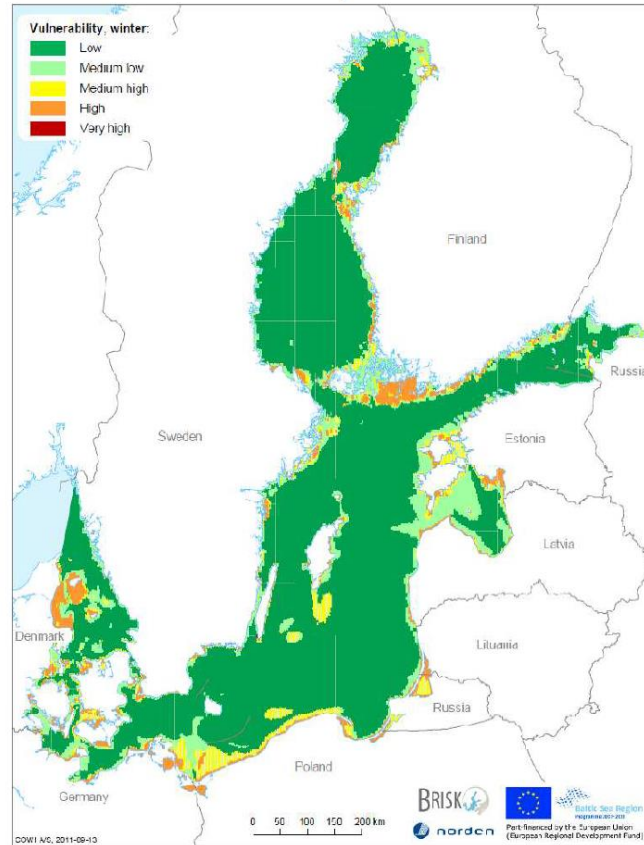
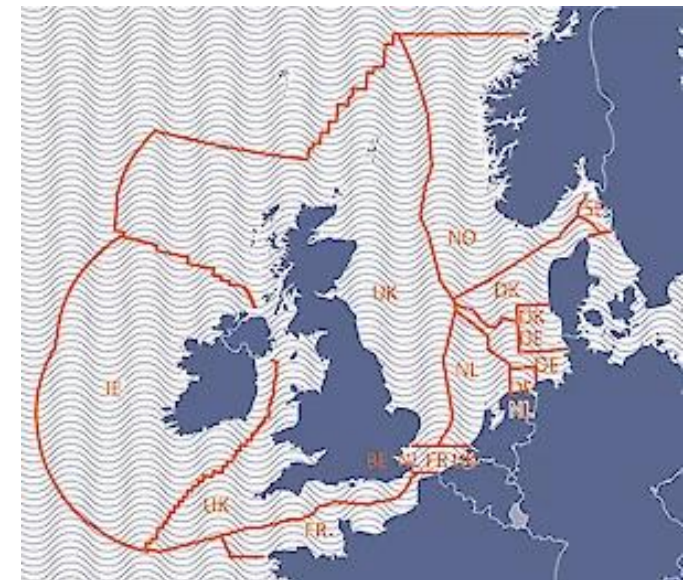


Figure 4-13 Environmental vulnerability in winter season



Bonn Agreement  
Accord de Bonn

BE-AWARE I (2012-2014) and  
BE-AWARE II (2013-2015)  
North Sea



# BRISK II main outputs

- Identification of **future risks** due to changed traffic conditions in the Baltic Sea.
- Updating and further developing **methodologies** of BRISK and BE-AWARE I projects.
- Including **specific concerns** of the Baltic Sea EU Member States in the investigated /modelled scenarios.
- **Long-term multi-country risk analysis** for shared risks.
- **Support for managerial decisions** regarding development of the preparedness.

# Tentative dates and places for major events

## Workshop – HELCOM WG Response meetings

- Klaipeda, Lithuania April 2025
- Riga, Latvia November 2025
- WG Maritime (tbc), spring 2026
- Germany, June 2026 (tbc)

## Final Conference in Finland

- December 2026



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# Engagement with end-users

- Main end-users:
  - Response authorities in Denmark, Estonia, Germany, Finland, Latvia, Lithuania, Poland and Sweden, same authorities as stakeholders in the project, and
  - Civil protection authorities who cooperate closely with the response authorities
- The sustainability of the project impact will be ensured through the continuous cooperation of the beneficiaries and associated partners within the HELCOM Response Working Group.



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# Thank you!

<https://civil-protection-knowledge-network.europa.eu/projects/brisk-ii>

<https://merikotka.fi/brisk-ii>



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