

BE-AWARE II



What implications does the risk of spills in 2020 have for response and risk reducing measures?



Co-financed by the EU – Civil Protection Financial Instrument

Presentation Contents

- Kick off meeting aims
- Outline of project partnership, finance and tasks
- Brief overview of project
- Detailed breakdown of project tasks including: Responsible parties, Actions, Deliverables and Finance
- Project finalisation
- Continuation

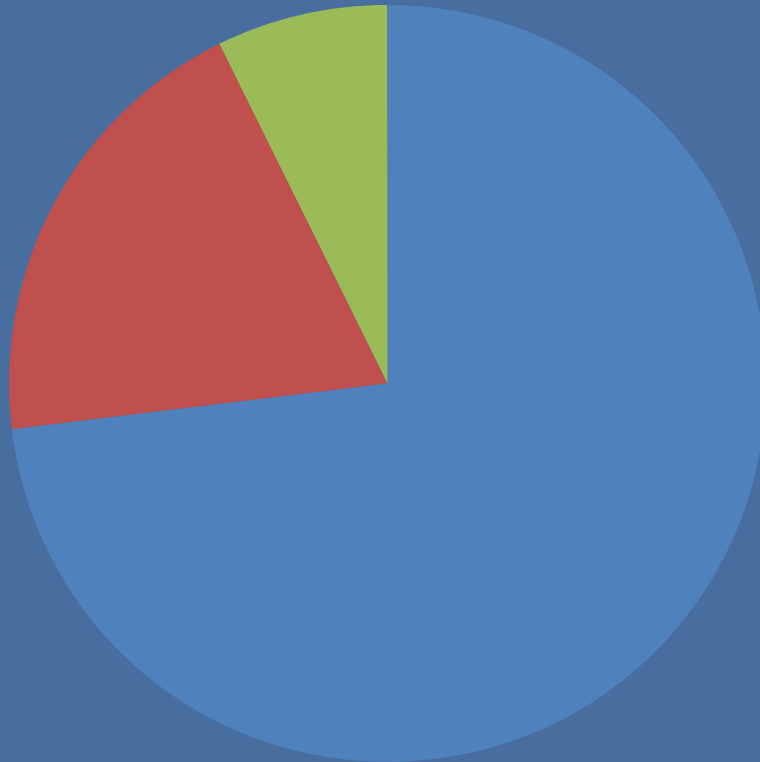
Kick off Meeting Aims

- Explain project and ensure all partners full understand aims and objectives
- Finalise Partnership Agreement
- Confirm process for appointing subcontractors
- Discuss project management and communication
- Confirm financial and time reporting
- Confirm milestones and timeline

Project Partners & Co-Financers



Project Funding: € 684,178

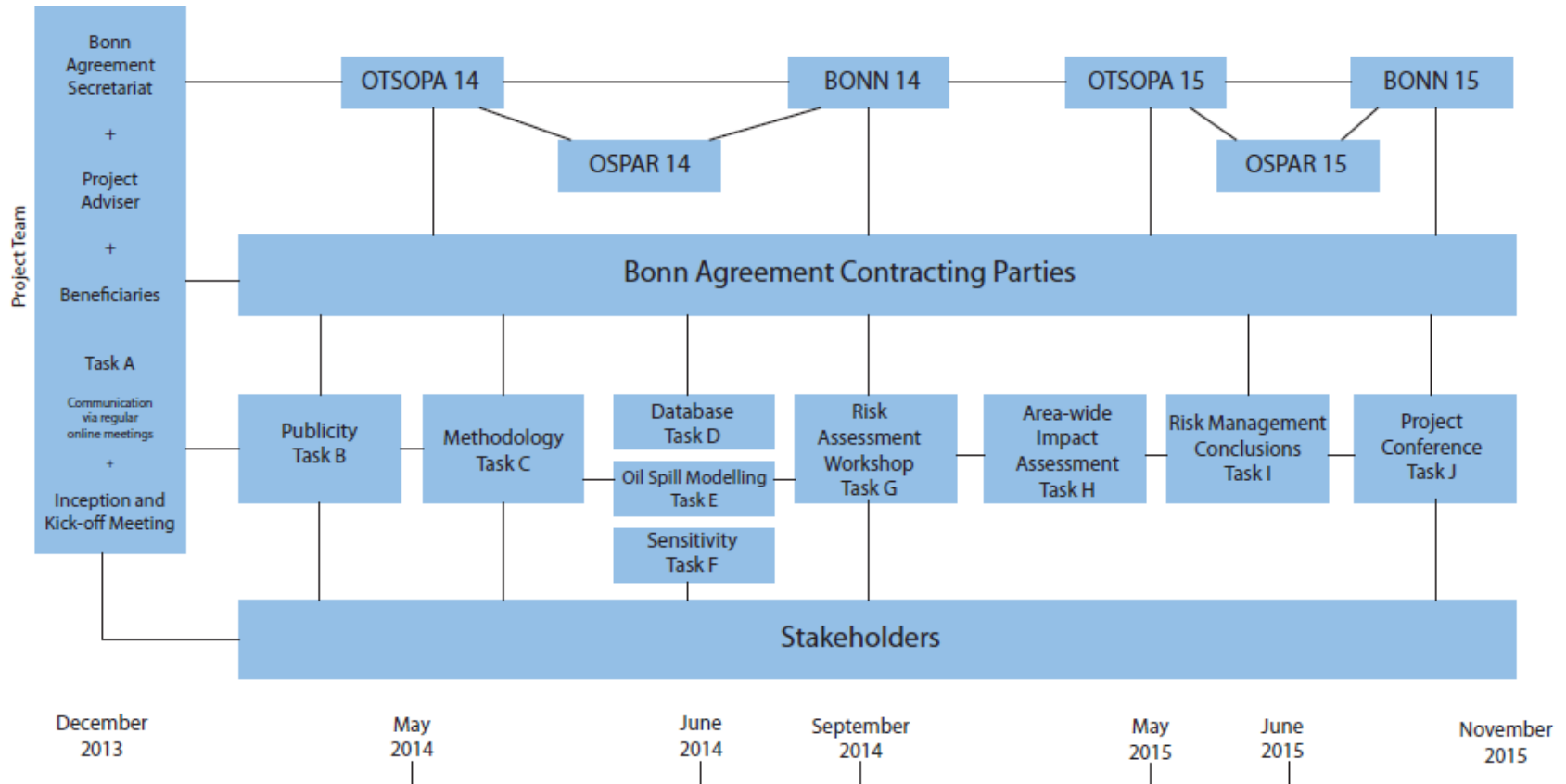


- EU Civil Protection Financial Instrument
- Project Partners
- Co-Financers



This project is part funded by the European Union Civil Protection Financial Instrument

Project Timeline



Project Structure

A) Project Management

- Administrative and financial management
- Information exchange

B) Publicity

- Kick off meeting, Jan 2014, France
- Communication plan
- Website, Final report

C) Methodology

- Method seminar, Southampton, UK
- Development of a method note
- Identify Future Scenarios

Project Structure

D) Project Database

- Collect data in line with Data Request Note
- Collect information on existing response capacity

E) Oil spill modelling

- Application and test of oil spill and response model modifications
- Execution of scenario modelling
- Extraction and presentation of results

F) Sensitivity Analysis

- Mapping of vulnerable features
- Mapping of sensitive socioeconomic features
- Ranking of features

G) Project Workshop

- Workshop, Jan 2015, Norway
- Scrutinise results of the preceding tasks and review the approach for the upcoming tasks

H) Impact Assessment

- Combine modelled scenarios with sensitivity analysis
- Identify impacted areas

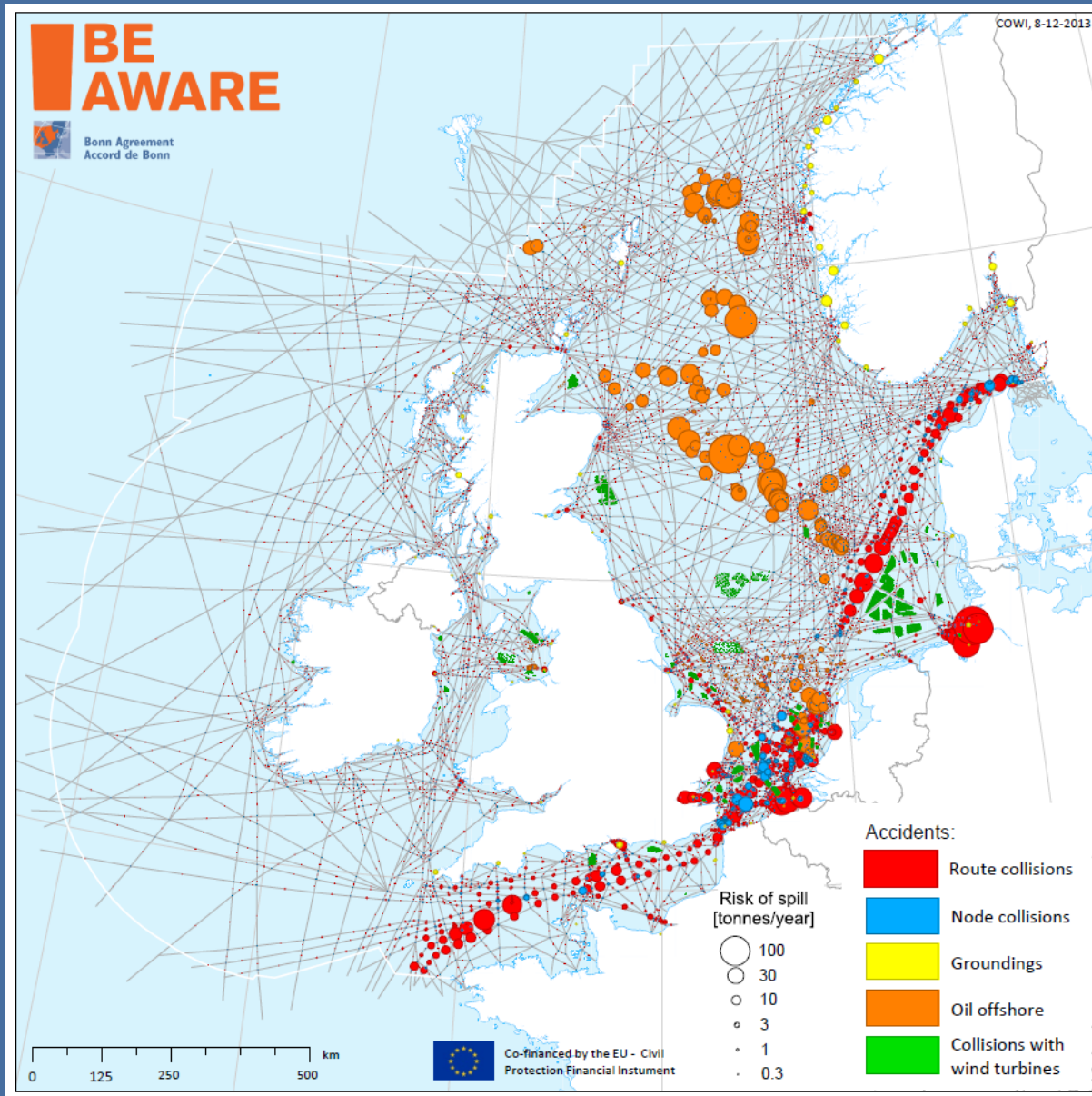
I) Risk Management Conclusions

- Assess the different scenarios and develop sub regional risk management conclusions
- Risk Management Conclusions Workshop, Sept 2015, Denmark

J) Project Conference

- Final Conference, Sweden, Nov 2015
- Review of project results

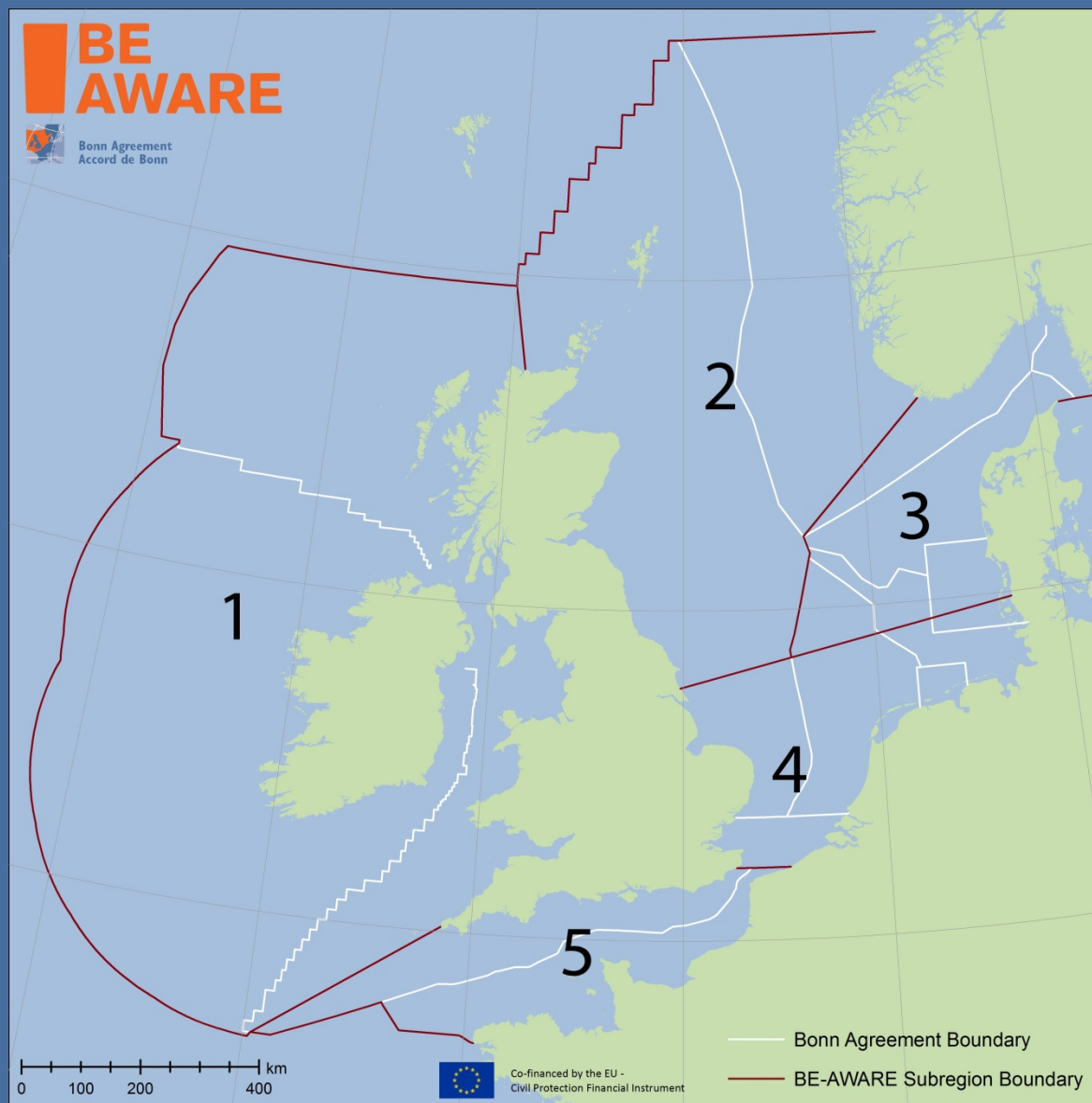
Starting point: Risk of Spills (2020)



How do we best manage the risk of spills?



Consider sub regions



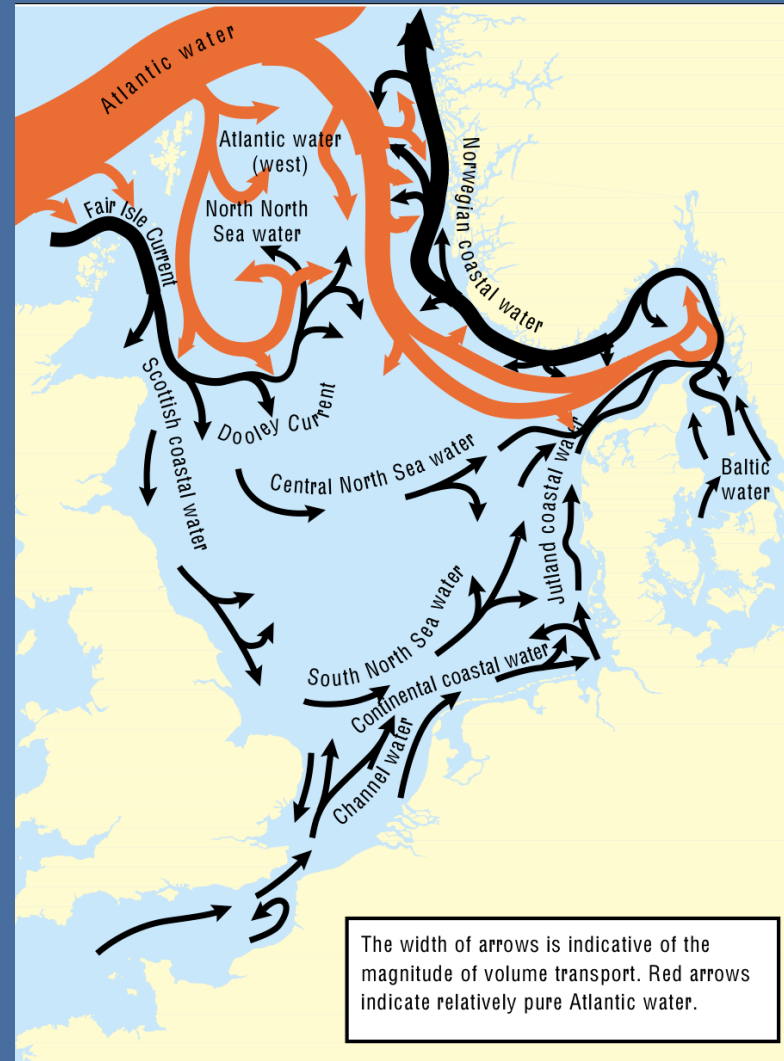
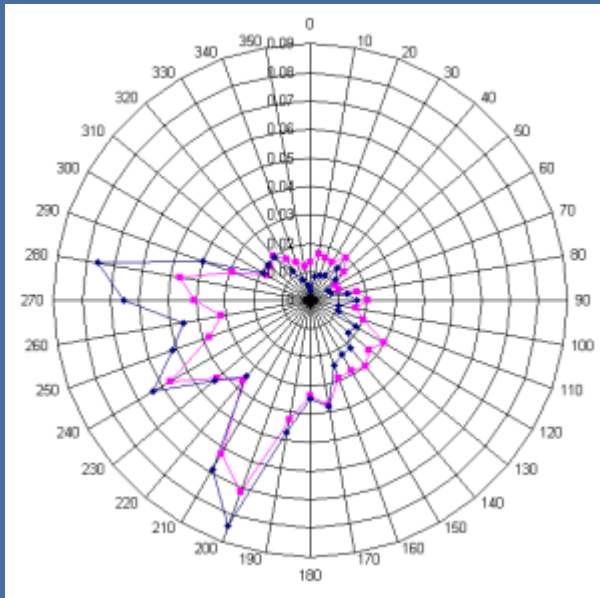
Identify possible future scenarios



- Improved navigational aids
- Increased/modified response capacity
- Improved response technology

Model the fate of oil

- Wind direction
- Currents



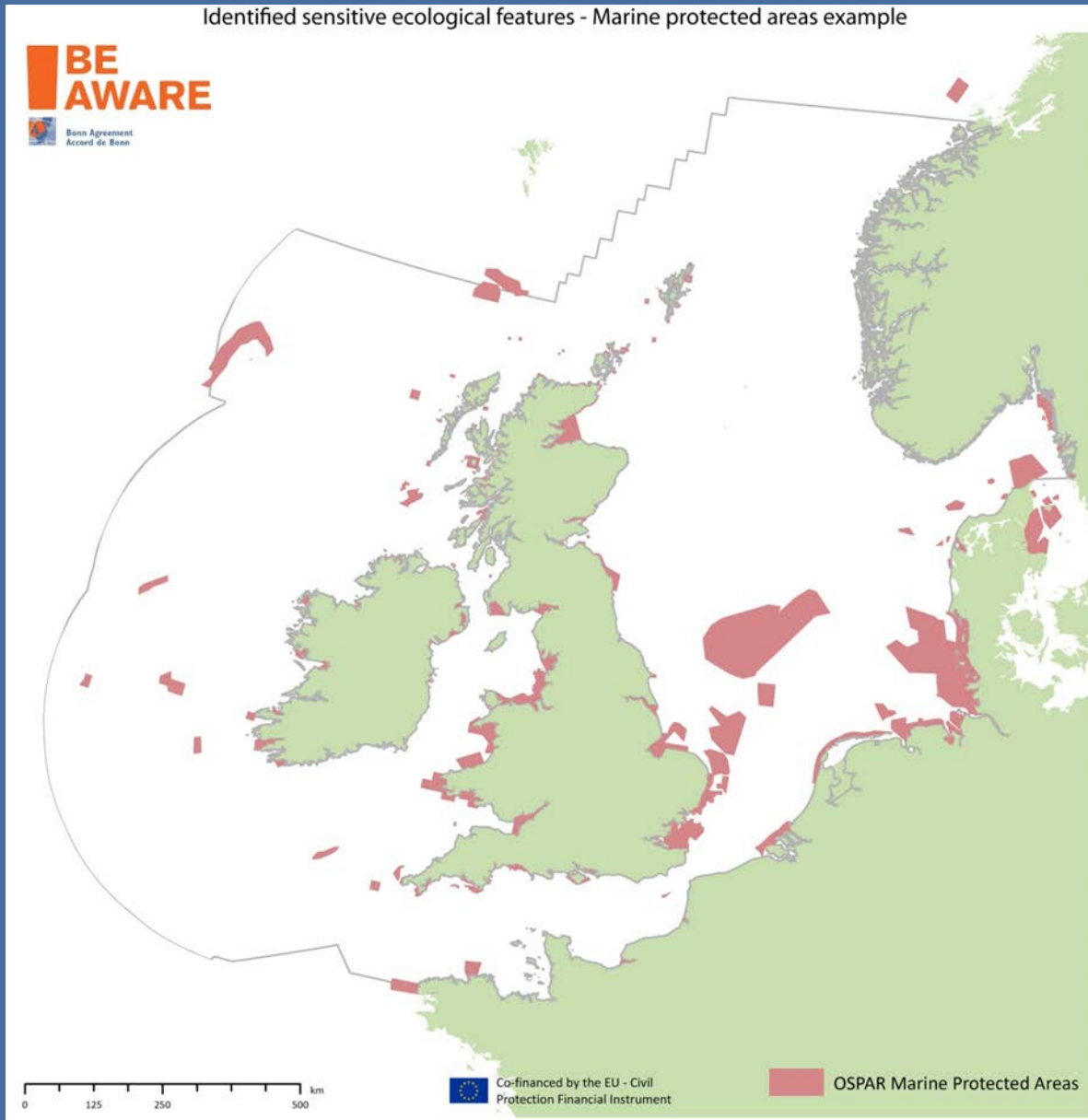
Model outflow

- Model outflow:
 - Different scenarios
 - Different weather conditions
 - Different oil types
- Model response
 - Ships, capacity, boom length
 - Visibility, wave height, daylight



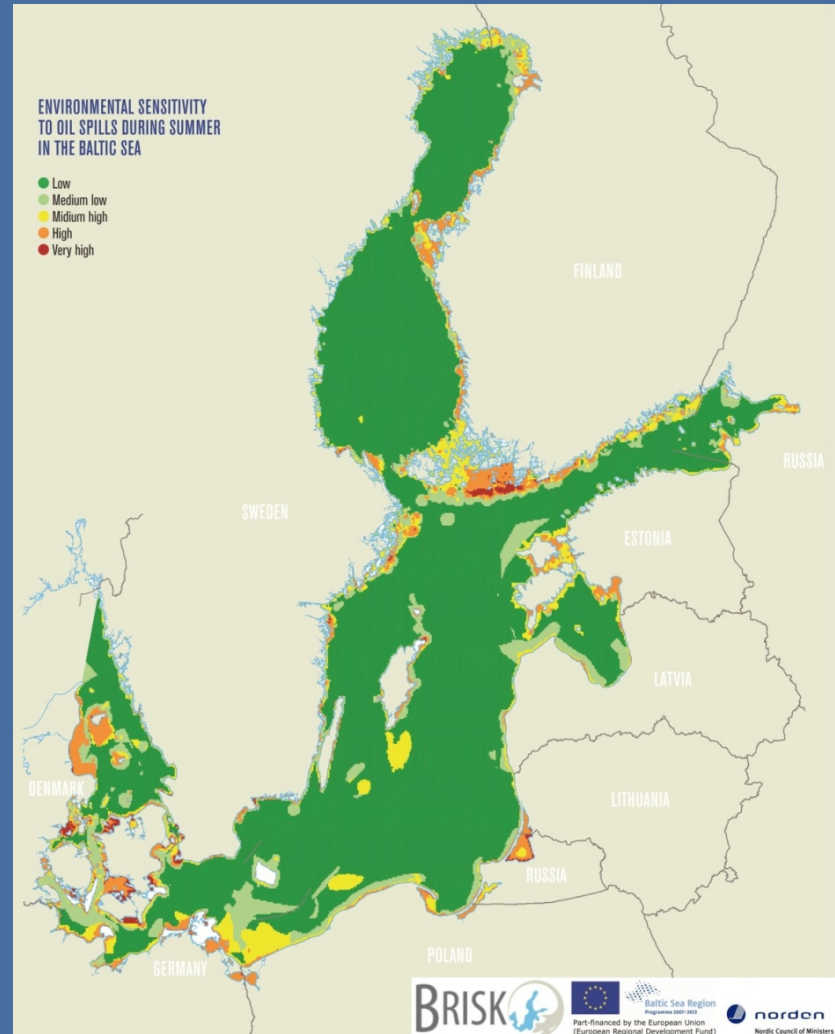
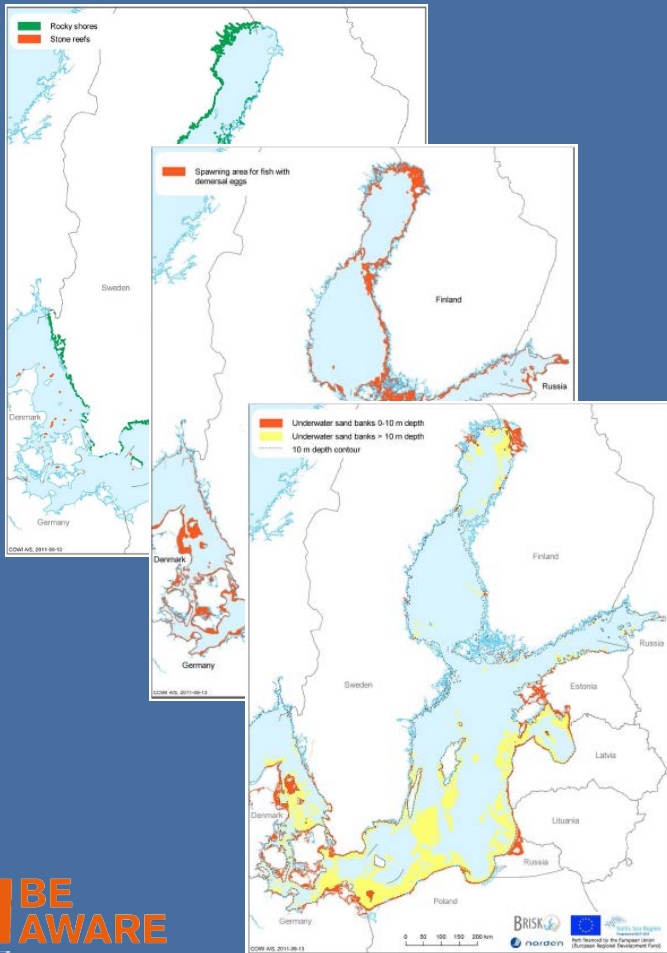
Environmental and socioeconomic sensitivity

Identified sensitive ecological features - Marine protected areas example



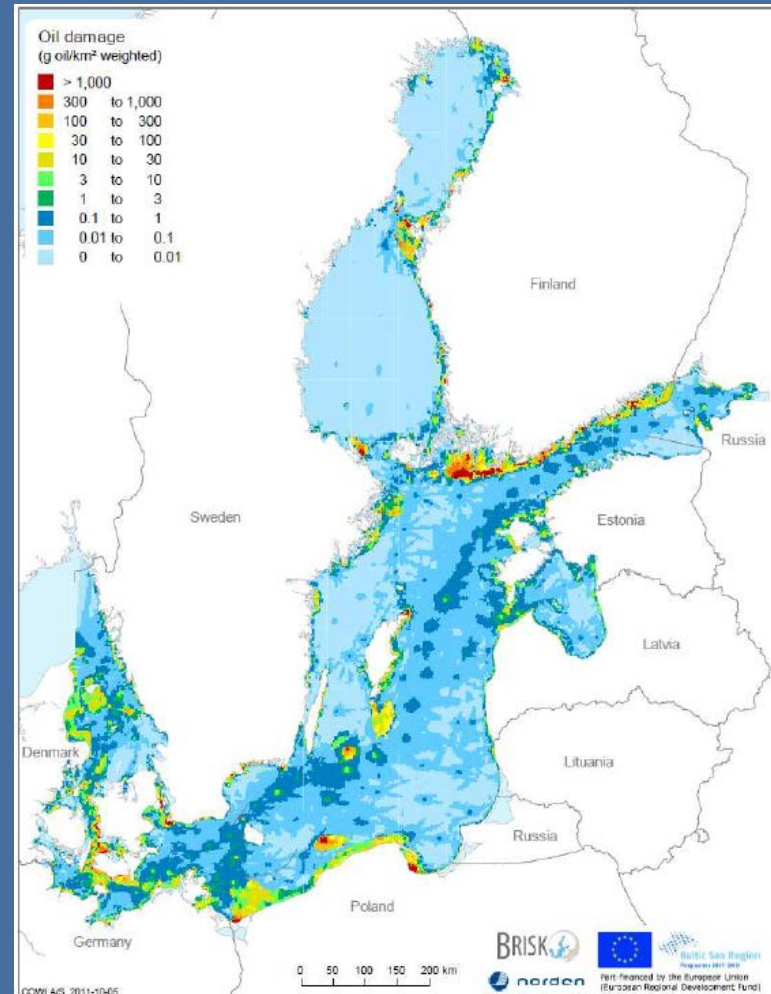
Examples of output

single-feature maps → Total (seasonal) Vulnerability Maps



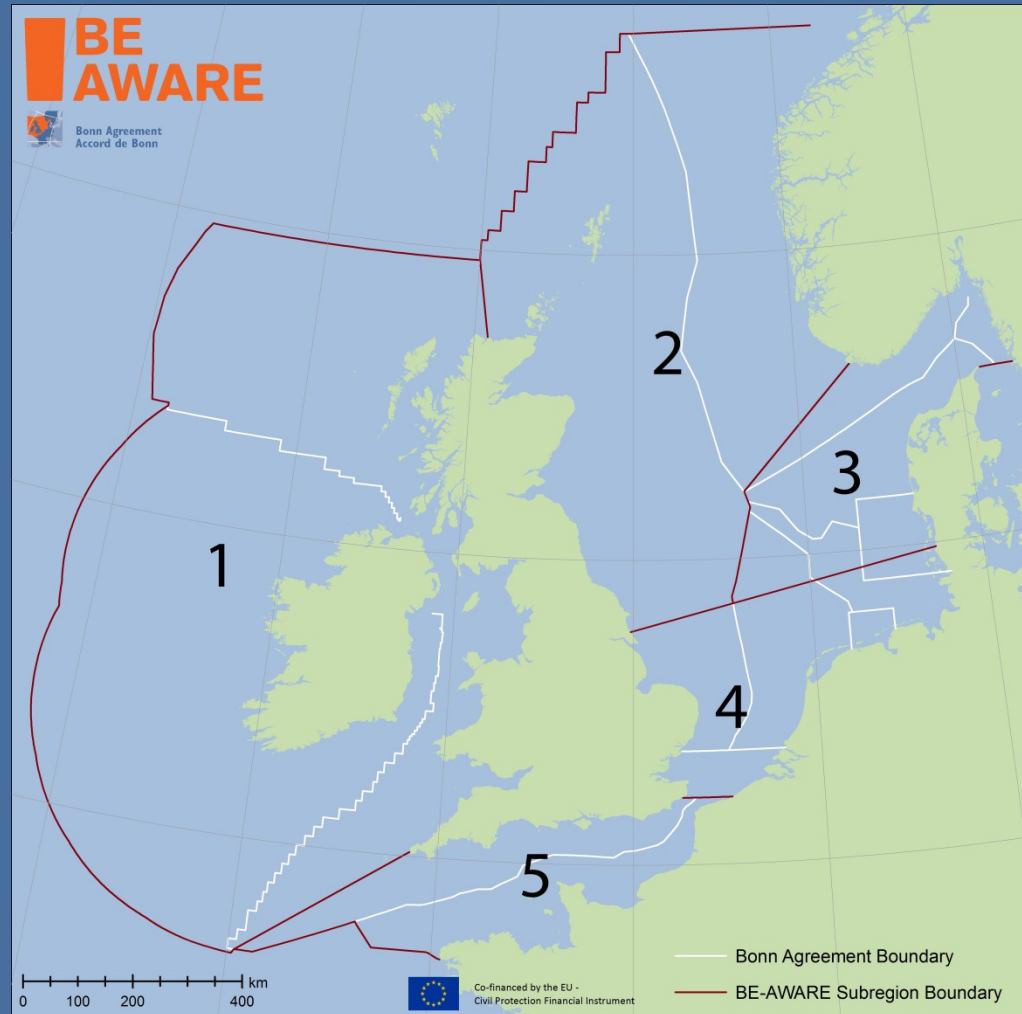
Impacts of oil spills

- Combine modelled spills and sensitivity
- Outline impact for different scenarios and spill sizes



Risk Management Conclusions

- Most effective sub regional scenarios
- Cost effectiveness of sub regional scenarios
- Risk management conclusions



Task A: Project Management

- Responsible: Bonn Agreement Secretariat
- Actions:
 - Administrative and financial management of the project (come back to later)
 - Kick off meeting
 - Process for appointing subcontractors (come back to later)
 - Reporting to EU

Task A: Project Management

- Deliverables:
 - Online project management facility (Basecamp)
 - Technical and financial report at 8 Months
 - Technical and financial report at 16 Months
 - Final technical and financial reports
 - Partnership Agreements (come back to later)
 - Kick Off meeting

Task B: Publicity

- Responsible: BA Sec. and Project Partners
- Actions:
 - Develop a Communication Plan
 - Information exchange and dissemination of results
- Deliverables:
 - Communication Plan
 - Project Promotion Leaflet and Display stand
 - Project mini-site on Bonn Agreement Website
 - Interspill Stand 2015

Task C: Methodology

- Responsible: Partners (especially MCA + CETMEF) , Subcontractors
- Actions:
 - Literature and current data review (CETMEF)
 - Model modification
 - Identification of alternative future scenarios for RRM and Response capacities (All Partners)
 - Data Request Note
 - Organise Method Seminar (MCA)

Task C: Methodology

- Deliverables:
 - Method Seminar
 - Data Request Note
 - Final method Note

Task D: Project Database

- Responsible: Coordinator and All Partners
- Actions:
 - Data Collection (Come back to Later)
- Deliverables:
 - Project Resource Database

Task E: Oil Spill/Response Modelling

- Responsible: RWS, Subcontractors
- Actions:
 - Application and test of oil spill and response model modifications
 - Execution of scenario runs
 - Extraction and presentation of results
- Deliverables:
 - Model report

Task F: Environmental/Socioeconomic Sensitivity

- Responsible: DG Environment Belgium, Subcontractors
- Actions:
 - Mapping of vulnerable environmental features
 - Mapping of sensitive socioeconomic features
 - Ranking of features
 - Organise Environmental and socioeconomic sensitivity ranking workshop (DG Environment)

Task F: Environmental/Socioeconomic Sensitivity

- Deliverables:
 - Ranking workshop
 - GIS based maps of environmental vulnerability and socioeconomic sensitivity
 - Report on joint environmental and socioeconomic sensitivity mapping

Task G: Project Workshop

- Responsible: Norway
- Actions:
 - Organise Workshop
- Deliverables:
 - Project Workshop
 - Workshop Report

Task H: Impacts for the selected scenarios

- Responsible: Admiral Danish Fleet Headquarters, Subcontractors
- Actions:
 - Quantitative area-wide assessment of impacts and environmental and socio economic damages for the chosen scenarios
- Deliverables:
 - Area-wide Oil Risk Impact Assessment Report

Task I: Risk Management Conclusions

- Responsible: Admiral Danish Fleet Headquarters, Subcontractors
- Actions:
 - Assess the efficiency and cost effectiveness of the different scenarios and compare this with the environmental and socio-economic impact identified in Task H
 - Develop risk management conclusions for each sub-region
 - Organise Risk management conclusions workshop (ADFH)

Task I: Risk Management Conclusions

- Deliverables:
 - Risk management conclusions workshop
 - Risk Management Conclusions report

Task J: Project Conference

- Responsible: Swedish Coastguard
- Actions:
 - Hold Project Conference
- Deliverables:
 - Final Project conference
 - Conference Declaration

Project Finalisation

- Final Conference
- Final Project Report
- Final Technical and Financial report to the EU (by 29 Feb 2016)



Uptake of Project Results

- Risk Management Conclusions in 2015
- Renewal of Bonn Agreement Action Plan 2016-2019
- Provide impact maps to DG ECHO
- Support sub regional plans
- Option for a Ministerial Meeting 2016



Questions?



Thank you

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**BE
AWARE**

Be an Agreement
Account vs. Area