

Your sea basin too?
Let's develop it together!



Interreg
North Sea Region



Interreg
Baltic Sea Region



Scottish Government
Riaghaltas na h-Alba
gov.scot



Rijkswaterstaat
Ministry of Infrastructure
and Water Management



EUROPEAN UNION
EUROPEAN
REGIONAL
DEVELOPMENT
FUND



MSP Challenge

Simulation Platform

Developed by Breda University of Applied Sciences after an original concept by Lodewijk Abspoel (Ministry of Infrastructure and Water Management, the Netherlands), Xander Keijser (Rijkswaterstaat, the Netherlands) and Igor Mayer (Breda University of Applied Sciences, the Netherlands).

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www.mspchallenge.info

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Features

- ~ Next generation Maritime Spatial Planning support
- ~ A highly interactive digital learning environment
- ~ For planners, stakeholders & researchers
- ~ Best available geo data & maritime information
- ~ Ecosystem based: Ecopath with Ecosim model
- ~ Blue Growth simulations for shipping & energy
- ~ Editions for North Sea, Baltic Sea & Clyde marine region



MSP Challenge Simulation Platform



North Sea
edition



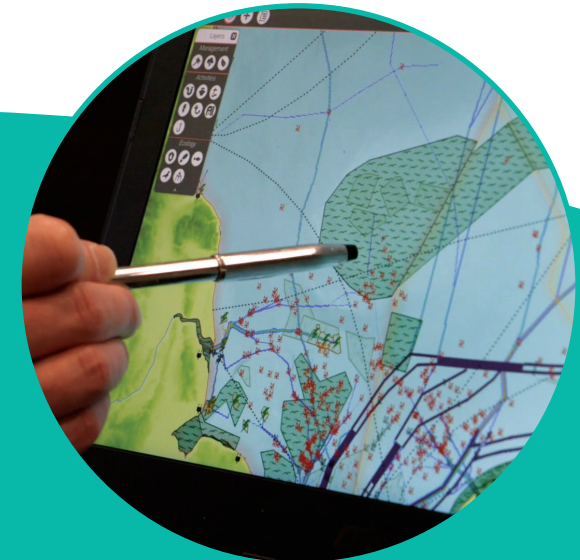
Clyde marine
region edition



Baltic Sea
edition

Functionalities

- ~ Numerous data & map layers of a sea basin
- ~ Sketch & draw maritime plans
- ~ Digitally supported cross-border consultation
- ~ Implement plans step by step
- ~ Monitor consequences in heat maps & indicators
- ~ Integrated knowledge base
- ~ 3D Virtual Reality module



Use for

- ~ Stakeholder awareness and consultation
- ~ Education and professional learning
- ~ Co-design and scenario development
- ~ Impact assessment and research

Unique selling points

- ~ Built with advanced digital game technology
- ~ Use/play online or via local server
- ~ Engaging role-play (serious/simulation gaming)
- ~ Intuitive and easy to use
- ~ Flexible and scalable sessions;
a few hours to several days

Our vision

- ~ Online user community support
- ~ Expansion with more data layers & simulators
- ~ New sea basin editions
- ~ Towards open source software