



European Regional Development Fund EUROPEAN UNION



Joint Monitoring Programme for Ambient Noise in the North Sea

Project context:

- Sound is omnipresent in underwater environment
- Anthropogenic noise sources are increasing
- Underwater noise has effects on marine life
- EU Marine Strategy Framework Directive requires monitoring of the environment
- Marine management requires tools for evaluation of underwater noise

Objectives and results:

- Framework for monitoring ambient noise
- Measurements at sea
- Numerical modelling
- Noise maps
- Management tool for evaluation of Good Environmental Status

Duration: Budget: EC contribution: Lead partner: Project Manager: www.northsearegion. eu/jomopans

2018-2020 3.5 million Euro 1.75 million Euro Rijkswaterstaat, NL Niels Kinneging niels.kinneging@rws.nl



Photos: Rijkswaterstaat, Totalförsvarets forskningsinstitut, Denise Risch, of the Scottish Association for Marine Science