

# IMMERSE

**IMPLEMENTING  
MEASURES FOR  
SUSTAINABLE  
ESTUARIES**

# IMMERSE

[northsearegion.eu/immerse](http://northsearegion.eu/immerse)

@IMMERSE\_NSR

10.2018-09.2021

Interreg NSR 2014 - 2020

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ERDF: €1.822.069



# ELBE

Hamburg Port Authority (HPA) and the Federal Waterways Engineering and Research Institute (BAW) are the IMMERSE project partners at the Elbe estuary.

HPA is in charge of the management of the Port of Hamburg, which includes the strategic development of the port and the maintenance of the land- and waterborne public infrastructure (e.g. the maintenance of the fairway and harbour basins) to guarantee the ports accessibility.

BAW is the technical and scientific federal authority that provides consultancy on all issues relating to waterways engineering and infrastructure. It carries out studies for Germany's maritime waterways that consist of impact forecasts and basic decision-making documents for maintenance and upgrading work (e.g. river engineering concepts, fairway dimensions) as well as efficient operation of waterways. Both partners cooperate within the estuary partnership "Forum Tideelbe" to contribute to the improvement of the overall state of the Elbe estuary.

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# What is IMMERSE?

North Sea Region estuaries are dynamic environments subject to persistent and increasing pressures, such as modified tidal ranges, increased flooding, and higher sedimentation rates, which impact estuary functioning and services. Implementation of management measures to address these pressures requires large investments, long planning periods and stakeholder commitment.

Moreover, measure development is challenging for estuary managers due to the demand for innovative, cost-efficient approaches which also deliver multiple benefits. The IMMERSE project will address the challenges facing North Sea estuaries by advancing management measures through:

- **Exploration of ideas and solutions;**
- **feasibility studies and tests;**
- **planning for implementation.**