

IMMERSE

IMPLEMENTING MEASURES FOR SUSTAINABLE ESTUARIES

IMMERSE

northsearegion.eu/immerse

@IMMERSE_NSR

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Interreg NSR 2014 - 2020

Budget: €3.764.138

ERDF: €1.822.069



TEES (UK)

Tees Rivers Trust

From Fell-side to Teesside, The Tees Rivers Trust is the only conservation body committed solely to the management and improvement of the whole of the Tees Catchment. The Trust's purpose is to improve and conserve the water quality and habitat of the Tees and its tributaries. We work with many partners to achieve this and we benefit from the goodwill of volunteers in delivering projects.

The Tees drains an area of almost 2000km² and receives water that has flowed through or over a huge range of landscapes. We are working at a whole-catchment scale to improve the river. This means working with people such as land managers, farmers and planners as closely as we do with those directly involved with the river.

<http://teesriverstrust.org/>

The Tees Estuary in IMMERSE

The Tees Estuary IMMERSE Project aims to address the issue of coastal squeeze on this heavily modified estuary, through the creation of intertidal habitat at a pilot site on the banks of the river. We will use existing wooden structures to create steps of habitat throughout the intertidal zone and create retaining structures to hold back sediment that will form mudflats.

The project will also explore the possibility of locating a mariculture enterprise within the Tees Bay Windfarm. The associated report will look at potentially costs and benefits of such a project and assess what changes will need to take place to see the enterprise thrive.



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.**