Interreg North Sea Region Building with Nature
European Regional Development Fund

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Coastal Genesis 2.0

Knowledge for a safe coast

The Coastal Genesis 2.0 programme aims to answer three questions:

1. How much sand will be needed in the long term to ensure that our coastal foundation keeps pace with sealevel rises?
2. Where and when will that sand be needed?
3. And what is the best way to add this to the coast?

2015 – 2028:
conducting research

2020:
interim result in the form of policy advice

We are using the following research lines for this:

Long-term coastal research

- additional monitoring and model development
- determining and validating the boundaries of the coastal foundation
- mapping out sea-level rise and land subsidence

Pilot sand nourishment outer delta Ameland Inlet

- gain more insight into tidal inlet behaviour
- 5 million cubic metres of sand on the Ameland Inlet seabed
- natural distribution of the sand along the coast and the Waddenzee

Ecological monitoring

- determine the effects of the planned nourishment on the Ameland Inlet ecology
- expand our ecological and morpho-logical knowledge of outer deltas
- provide insight into the most appropriate level and location for nourishment in order to minimise ecological impact

In the development of these research lines we have special attention for:

Datamanagement: research data are accessible and available for everyone

Learning by doing

Results research third parties

More information:

helpdeskwater.nl/kustgenese2

Ministerie van Infrastructuur en Waterstaat

NKWK Nationaal Kennis- en innovatieprogramma Water en Klimaat