

Understanding complex pressures on the Wadden Sea and options for action

The Wadden Sea is a unique tidal wetland and World Heritage Site. This German-Dutch research programme charts the complex pressures and (cumulative) effects for the ecosystem, the options for action and their consequences for human life in this coastal region.

Purpose and objectives

This call for proposals aims to fund interdisciplinary, international research projects that strengthen our knowledge on the impact of human-induced pressures, especially those related to the triple ecological crisis of climate change, rapid changes in biodiversity, and pollution, on the Wadden Sea ecosystem, options for action to address these pressures, and the consequences of measures for socio-economic aspects of local communities.



Characteristics

Status

In progress

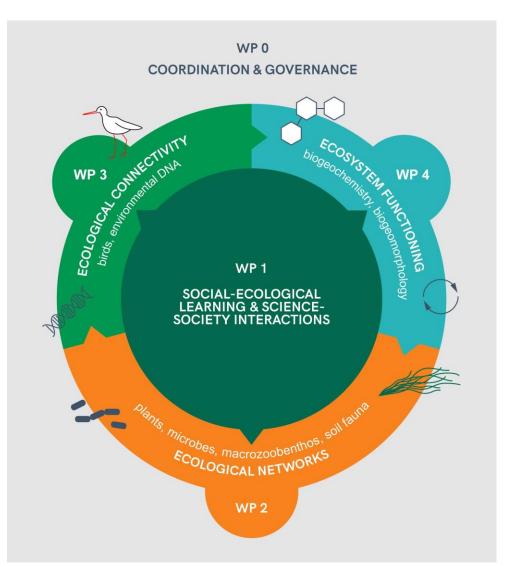
Start

2023

TRICMA² - Triple crisis meets trilateral cooperation



Tightly connected work packages & transdisciplinary team















Advisory Board UK, Spain, Sweden, NL, France

Primary

Trilateral,

consortium

interdisciplinary

stakeholders

(NL, SH, LS, HH, DK)

Different forms of knowledge - starting point for TRICMA²

Situated knowledge: From theory to practice...

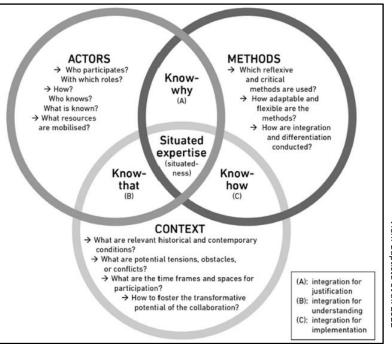
- Listening and talking to each other instead of informing the public
- Co-design in proposal & exploratory phase; co-production of novel knowledge in experimental & synthesis phase

With our focus on joint knowledge co-creation instead of one-directional science dissemination, we will be on the forefront of science-society interactions



Bregje van Wesenbeeck, Nature based Solutions; Associate Professor, Deltares





Regular science-stakeholder interactions

Outputs - achieved results to be used by stakeholders

- Novel knowledge about effects of triple crisis
- Dedicated attention and understanding in future generations
- Fostered valuation of trilateral exchange and harmonization





A common vision for the future of salt marshes (...) would be a great achievement of the project, combined with passing on this knowledge to future generations



What is the meaning of future in TRICMA²

- Raising attention of '<u>future</u> generations'
- Analyzing effects of <u>future</u> climate change

- Addressing <u>future</u> trilateral challenges together
- Principles for <u>future</u> salt-marsh management

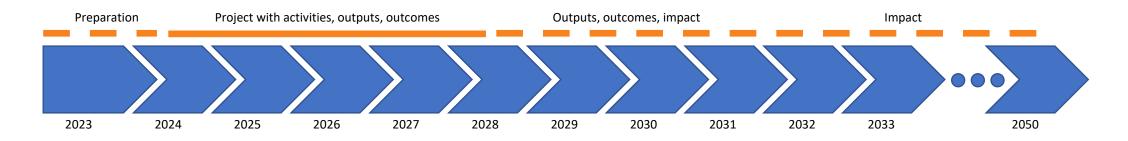












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