



Flood Resilient Areas by Multi-layered Safety FRAMES

FRAMES aims to reduce the impact of floods from sea, river and extreme rainfall to keep the North Sea regions economically and environmentally sustainable. Due to the effects of climate change, the impact from floods is likely to increase the physical, economic and social damage in flood prone areas.

Traditional flood protection measures may become less effective and sustainable in the future. FRAMES increases flood resilience by building on the Multi-Layer Safety (MLS) concept. In MLS different 'layers' of resilience (prevention, spatial adaptation, emergency response and recovery) are integrated to result in:

- Flood resilient areas: improved infrastructure and spatial planning measures
- Flood resilient communities: better prepared inhabitants and social stakeholders
- Flood resilient authorities: reduced recovery times and increased response capacity

Partners

Province of Zuid-Holland (Lead Beneficiary), Province of Zeeland, Rijkswaterstaat Zee en Delta, HZ University of Applied Sciences, Veiligheidsregio Zeeland, Kent County Council, Consortium Rivers Trust (Rivers Trust, Tees Rivers Trust, Trent Rivers Trust, National Flood Forum), Carl von Ossietzky University Oldenburg, Jade Hochschule, Oldenburgisch-Ostfriesischer Wasserverband, Province of Oost Vlaanderen, University Gent, Danish Coastal Authority.

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Sustainable North Sea Region: Protecting against climate change and preserving the environment