

# Polder2C's - keep the 2 Seas area safe by climate adaptation

Climate change is affecting countries in the 2 Seas area, the Netherlands, Belgium, France and the UK, faster and to a greater extent than was previously expected. We need to adapt and protect these coastal areas for the rising sea level and heavy storms that occur more and more frequently. The Polder2C's project is aiming for this in a unique way.



**Interreg**   
2 Seas Mers Zeeën  
**Polder2C's**

European Regional Development Fund



## Polder2C's project

The INTERREG Polder2C's is an international research project. Within the framework of the updated Sigmaplan for the river Schelde, the Hedwige-Prosperpolder will be transformed into tidal nature. Thirteen project partners, led by the Dutch Foundation of Applied Water Research (STOWA) and the Flemish Department of Mobility and Public Works (DMOW, Flanders Hydraulics Research), are working together. Together, they aim to improve the 2 Seas regions' capacity to adapt to the challenges caused by climate change.

## Living Lab Hedwige-Prosperpolder

Transforming the Hedwige-Prosperpolder offers a unique testing ground, the Living Lab Hedwige-Prosperpolder, for flood defence and emergency response experts. In this environment current and innovative techniques, processes, methods and products can be tested for practical validation. Focus will be on researching the actual strength of existing levees, practicing emergency response measures and educating the next generation of water managers.

## Failure tests and emergency response

What is special about the Living Lab is that not only failure tests are carried out, but that emergency response can also be practiced under controlled, but very realistic conditions. Market parties regularly come up with innovative or alternative methods and techniques to strengthen, or maintain the strength of levee facings. In the Living Lab these parties have the opportunity to test their products thoroughly.

## Our focus areas

The Polder2C's programme focuses on four areas:

1. **Flood Defence** - do research on the strength of flood defences
2. **Emergency Response** - design new and better emergency response plans
3. **Knowledge Infrastructure** - formalise knowledge transfer and educate the next generation of water managers
4. **Realisation of a field station**

## More information

Do you want to learn more about our latest activities and results?

Visit [the Polder2C's website](http://www.polder2cs.eu) or follow us on social media.

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[www.polder2cs.eu](http://www.polder2cs.eu)



**“The international online and offline cooperation is excellent and a great reflection of the high levels of commitment and interest of the Polder2C's partners.”**

*Ludolph Wentholt, STOWA - Project Manager Polder2C's*

## Project partners



Flanders  
State of the Art

