

# A North Sea Region's project perspective on tackling climate change

June 26<sup>th</sup> 2019



**C5a**

Cluster for Cloud to Coast Climate Change adaptation

**Interreg**  
North Sea Region  
**C5a**  
European Regional Development Fund



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# Rijkswaterstaat – the Netherlands

Egon Baldal

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- Project leader Interreg VB NSR C5a
- Project leader Interreg VB NSR Building with Nature.



**Rijkswaterstaat**  
*Ministry of Infrastructure  
and Water Management*

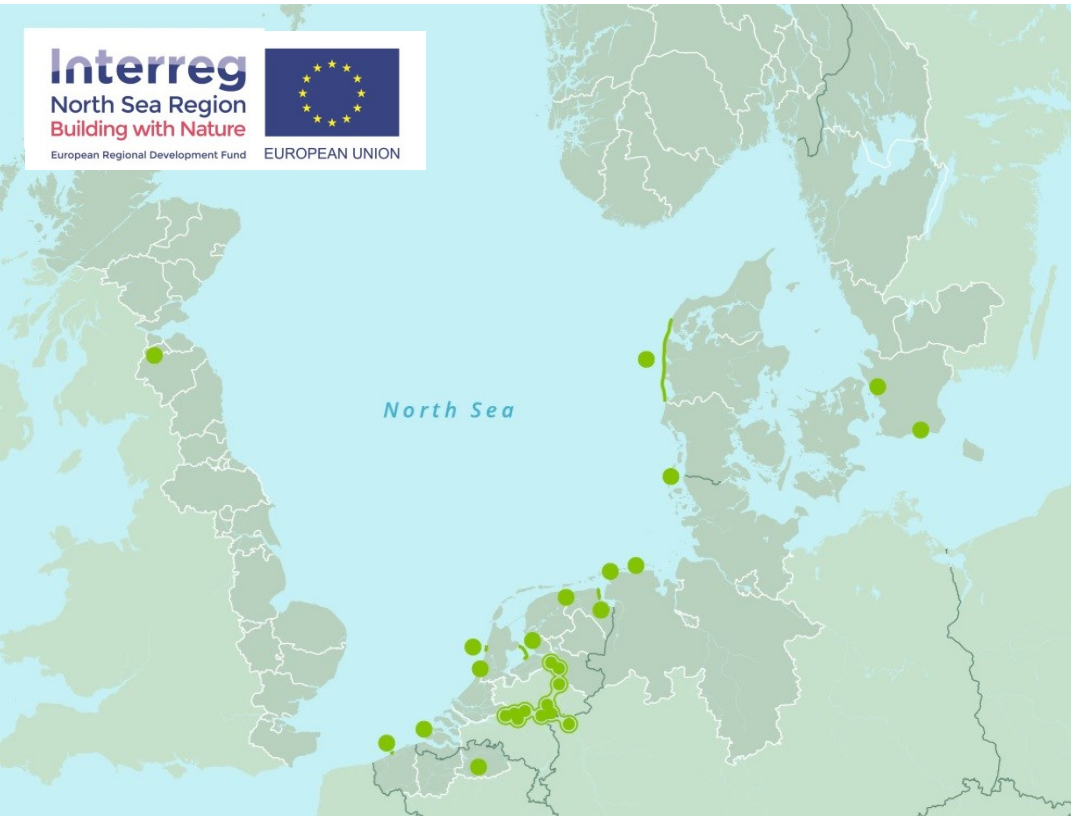


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# In the Beginning ...



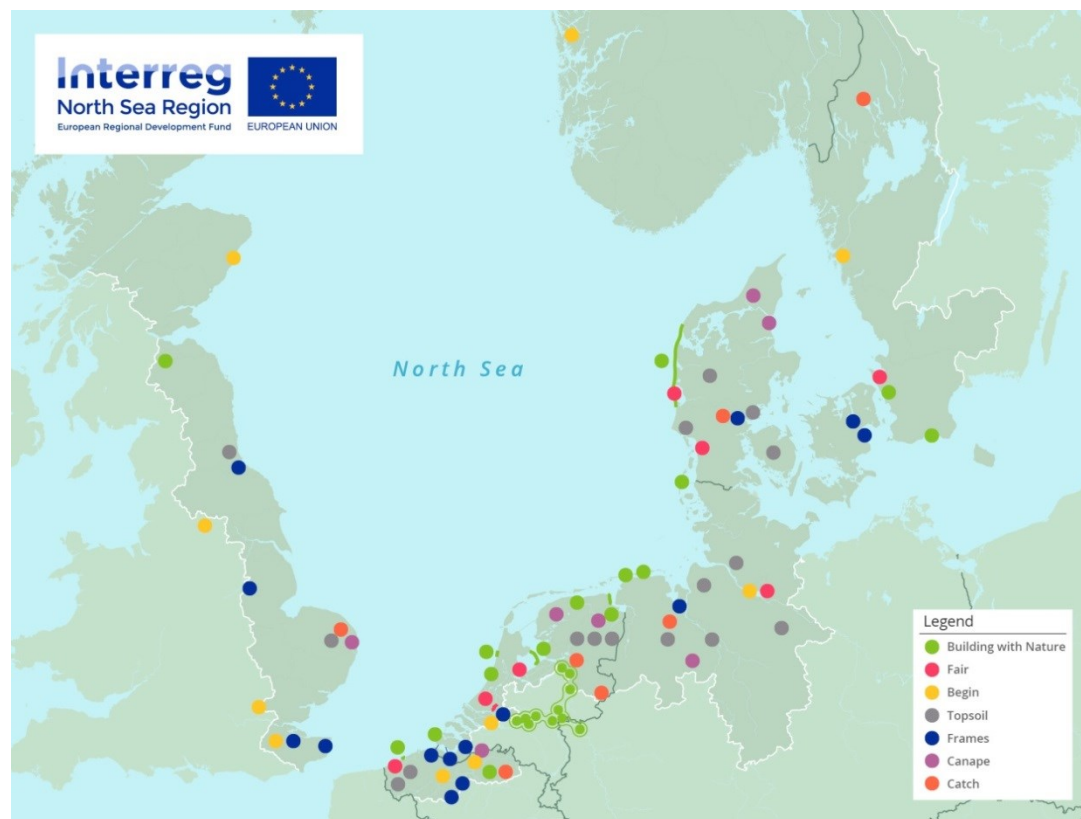
Nature Based Solutions – NBS – means using nature’s force to work for you.

- What is the asset management of NBS?
- Can we grow our NBS?
- Can we use NBS in cities?
- What can the role of soil be?
- Would NBS be applicable in multi-layered safety approaches?

There’s a lot of questions here!



# I get by with a little help from my friends



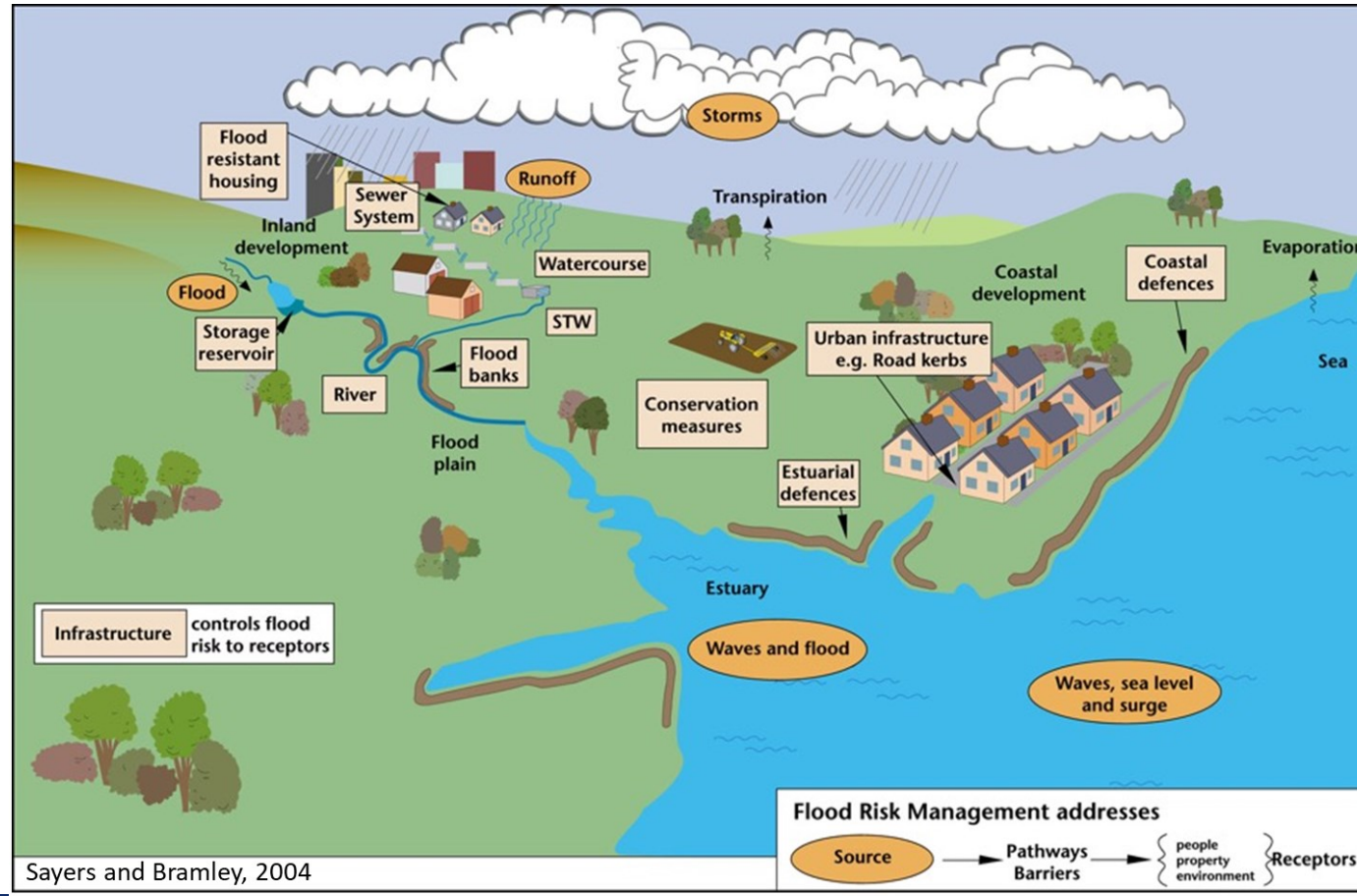
# John Muir (1838 – 1914)

*“When we try to pick out  
anything by itself, we find it  
hitched to everything else in the  
Universe.”*

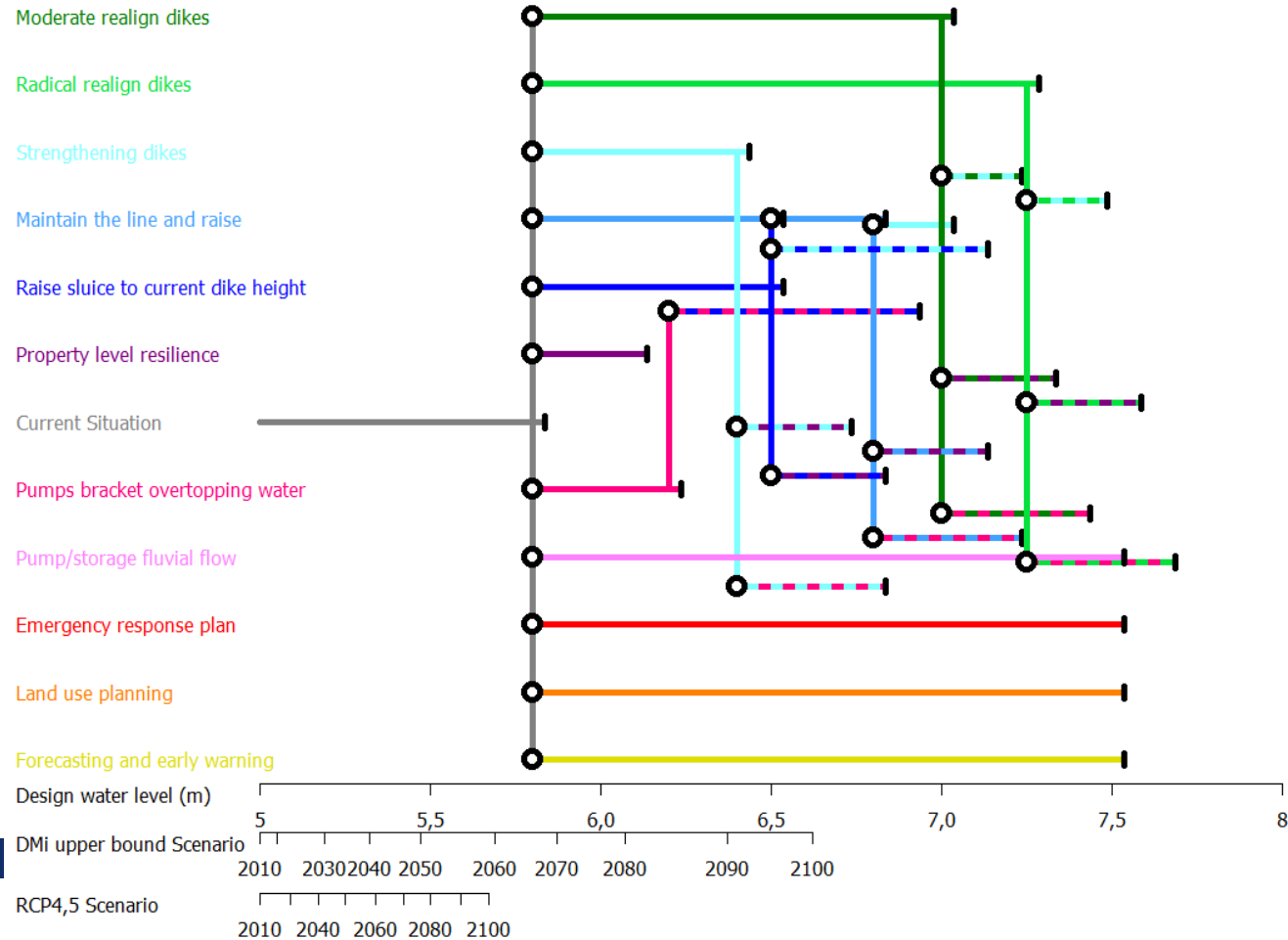




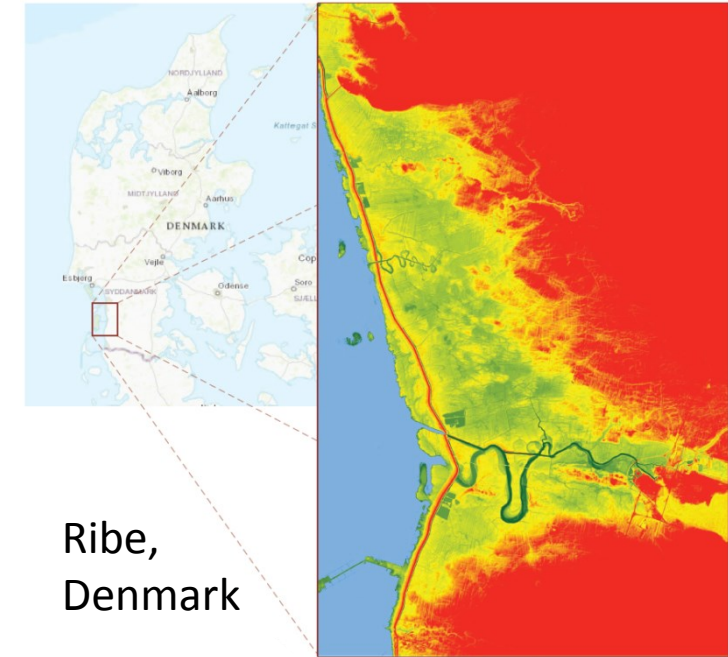
# The Cluster for Cloud to Coast Climate Change adaptation



# Adaptive asset management



Map generated with Dynamic Pathways Generator, ©2015, Deltares, Carthago Consultancy



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# Socio-ecological resilience





# What we will deliver (1/2)

## The Cloud to Coast (C2C) approach

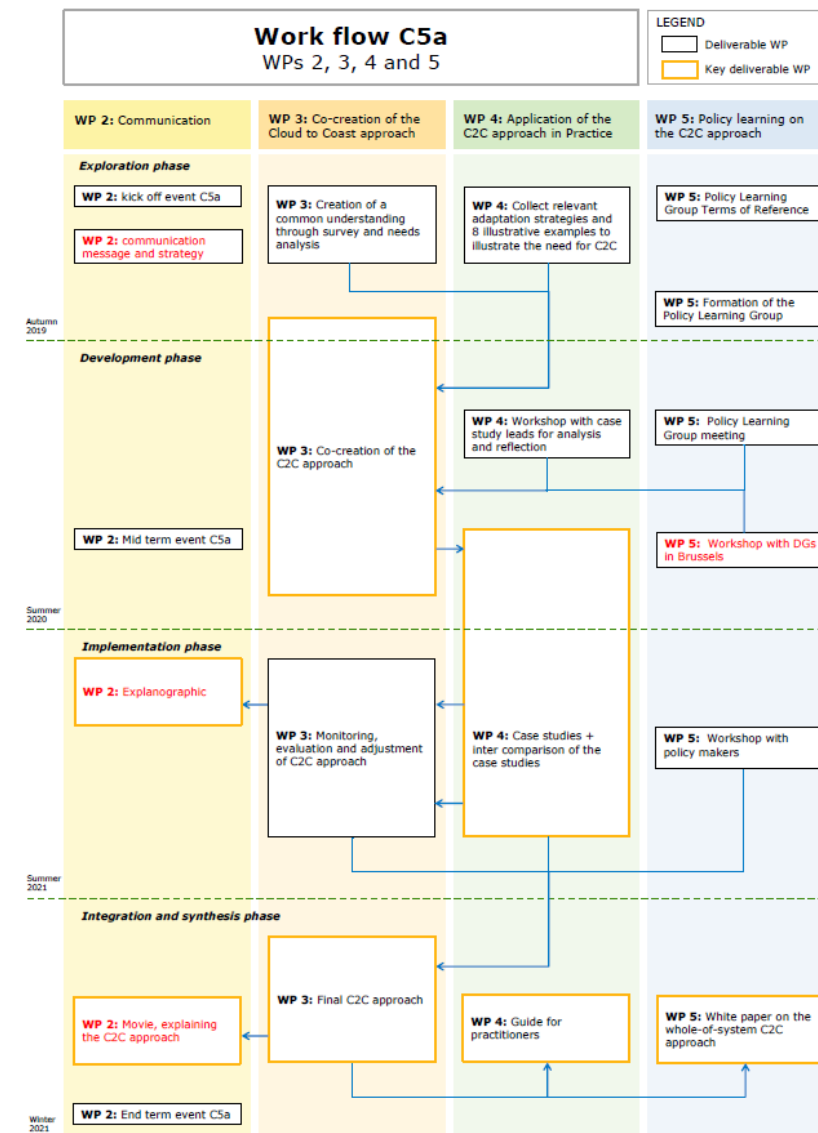
- Connecting different sectors through a practical way of conduct, including mutual language

## At least 7 case studies in the region

- Multi-day workshops performed with local stakeholders

## Guide for practitioners

- Illustrating the C2C approach



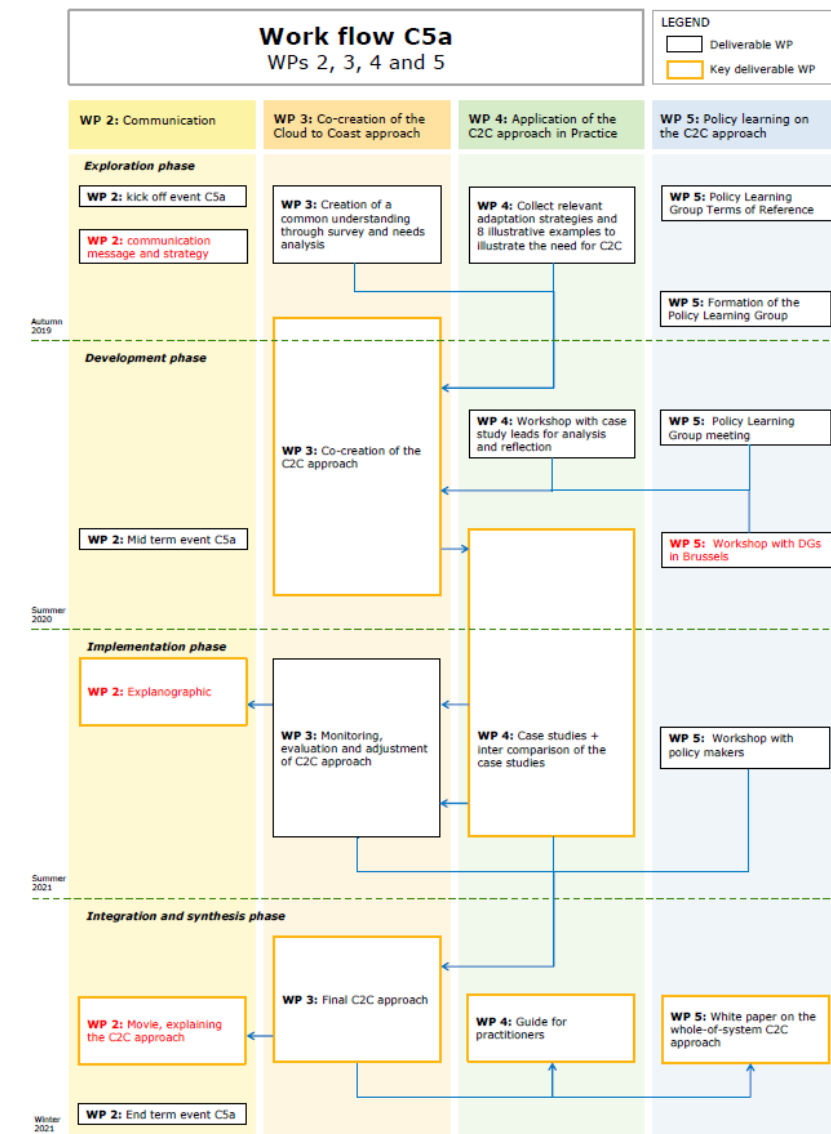
# What we will deliver (2/2)

## Ambassadors through...

- our Policy Learning Group
- our Consultative Group
- our Supporting Group,  
e.g IUCN, Delta Alliance, US FHWA,  
USACE, Wetlands International

## White paper on the C2C approach

- Oriented at national and EU policy and decision makers.





# In real life







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Länsstyrelsen  
Värmland



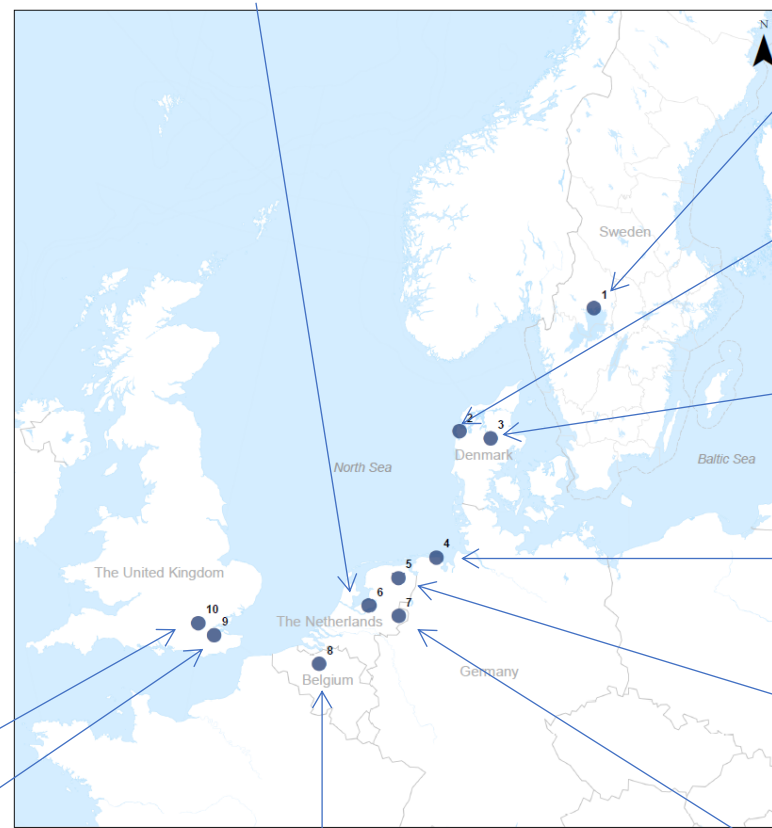
Miljø- og  
Fødevareministeriet  
Kystdirektoratet

midt  
regionmidtjylland



Niedersächsischer Landesbetrieb  
für Wasserwirtschaft,  
Küsten- und Naturschutz

provincie Drenthe



SAYERS  
AND PARTNERS

Kent  
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Council



VLAAMSE  
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# We can only do this if we work together



# C5a

Cluster for Cloud to Coast  
Climate Change adaptation

Rijkswaterstaat (NL), Sayers and Partners (UK), Universiteit Twente (NL), Länsstyrelsen Värmland (SE), Provincie Drenthe (NL), NLWKN (D), Region Midtjylland (DK), Kent County Council (UK), Kystdirektoratet (DK), Vlaamse Milieumaatschappij (BE)

[www.northsearegion.eu/c5a](http://www.northsearegion.eu/c5a)  
#C5aproject

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