

Interreg



2 Seas Mers Zeeën FRESH4Cs

European Regional Development Fund



VLAAMSE
LAND
MAATSCHAPPIJ



Image: Vlaamse Landmaatschappij



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Welcome and introduction

Bastiaan Notebaert – Vlakwa/VITO



Image: Vlaamse Landmaatschappij

FRESH4Cs

- Cooperation of 10 partners from Belgium, The Netherlands, UK
- Funded by interreg 2seas
- More info: <https://www.fresh4cs.eu/>



FRESH4Cs

Objective: to provide year-long sustainable fresh water supply for the different water users in coastal lowlands, as an alternative to using overexploited deeper aquifers or long distance water supply.

Coastal regions:

- Increased pressure on water resources
- Uncertainty about water availability
- But often large amounts of water drained to the sea

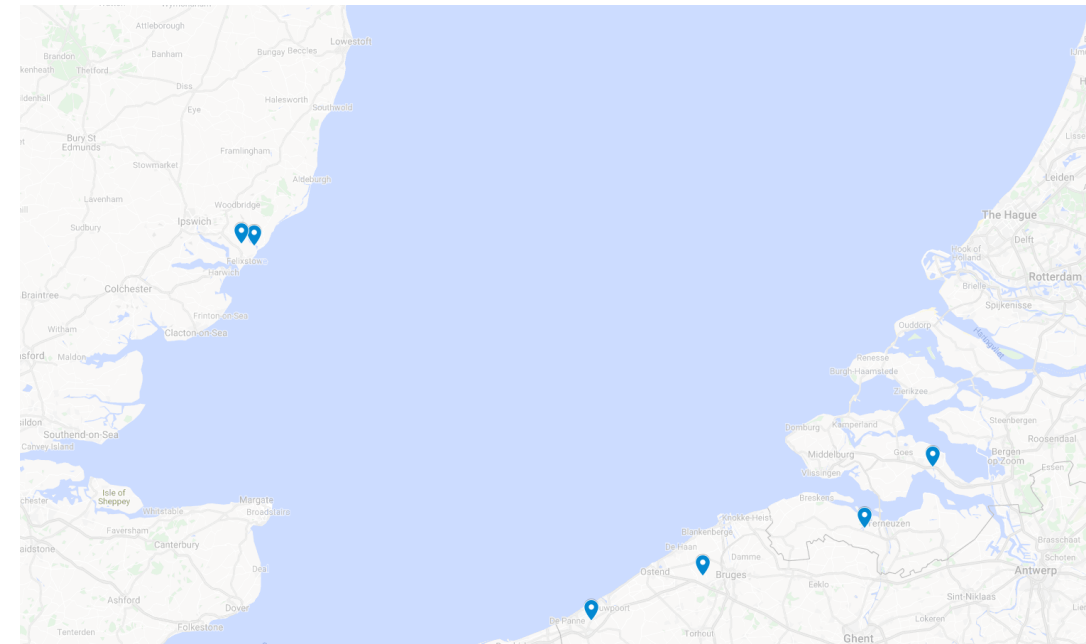
FRESH4Cs

6 demo sites:

- Water transfer, buffering and irrigation
- Aquifer Recharge (active/passif)
- Treatment of waste water

Different **water users**:

- Agriculture
- Industry
- Drinking water
- Nature



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- Technological solutions and non-technological solutions
 - Demonstrated technologies
 - Business aspects, cooperation forms, social aspects, regulation
- Upcoming events: field/site visits and farmer days (2021), conference that present the results (2022)

Agenda

Climate change and engineering coastal water resources by **Huub Rijnaarts**, Wageningen University and Research (NL)

International and policy perspective of alternative water resources in coastal regions by **Jan Verheeke**, MINA raad Flanders (BE)

Water storage in aquifers: a French perspective by **Geraldine Picot** from BRGM (Bureau de Recherches Géologiques et Minières), the French Geological Survey

Coffee break

Desalination as a solution for coastal water problems? by **Marjolein Vannoppen**, Chair Industrial and Circular Water Technology Ghent University (BE)

How to help water stakeholders? By **Steve Moncaster**, Water Resources East (UK)

Alternative water resources for coastal regions: a farmers' perspective by **Tom Ormesher**, National Farmers Union (UK)

Debate

Lunch