



2 Seas Mers Zeeën

Water Resilient Cities

European Regional Development Fund

Water Resilient Cities

Network meeting, Bruges. April 2019

Project overview

Responding to the following challenges:

- Increasing volumes of storm water
- Consequent capacity constraints and pollution events, damaging water quality
- Competition for space in existing urban areas



SUDS – sustainable urban drainage

- SUDS have been promoted as a solution for many years
- There are many examples in 'green-field' developments, where there is lots of space



Solution

- In existing urban areas there are more challenges: space, ownership, existing uses.....
- Use public realm to service adjacent sites: retrofitted SUDS
- Strategic perspective at multiple levels
 - SUDS serve more than one site to maximise benefit
 - Area-wide strategies plan rollout of retrofit priorities and ensure opportunities are not missed as redevelopment takes place
- Test and demonstrate tailored approaches, and off the shelf solutions
- Develop tools and build capacity



Likely barriers

- Institutional cultures and attitudes
- Fragmented & weak development policy
- Legal: ownership; liabilities
- Administrative: who manages and maintains
- Financial: who pays; innovative funding solutions needed

Deliverables













- Guide: how to retrofit
 - Including added benefits
- Training materials
- Network for exchange of information and knowledge
- Demonstration investments





Demonstration investments

Partners

Partners

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|---|--|
|  City of Mechelen |  VIVES University College |
|  City of Bruges |  De Vlaamse Waterweg nv |
|  Boulogne-sur-Mer Development Agency |  Boulogne Water Board |
|  Municipality of Middelburg |  Green Blue Urban Ltd |
|  University College South |  South West Water Ltd (SWW) |
|  Wimereux Town Council |  Condette Town Council |

Observers

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|  Environment Agency |  Le Portel Town Council |
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