


CLIMATE PROOF AREAS

CPA-Pilots good starters for climate adaptation

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CLIMATE PROOF AREAS

Aim Climate Proof Areas

Accelerate climate change adaptation
process North Sea Region

Deliver and promote examples, methods
and recommendations

By means of learning by doing in
innovative pilots

Coping with:
Sea-level rise, intensive rainfall, dry periods
Making more resilient and vital regions with
comprehensive plans and designs

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CLIMATE PROOF AREAS

Overview Pilots

Investments

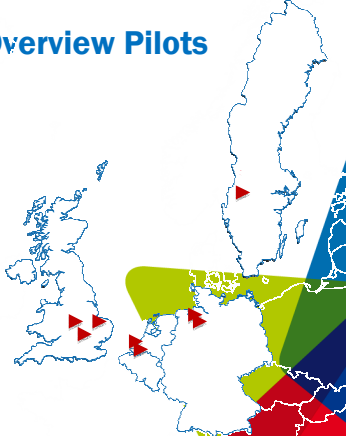
- Wicken Fen, Great Fen, Titchwell Marsh (GB)
- Oosterschelde (NL)

Implementation plans

- Schouwen-Duiveland (NL)
- Arvika (S)

Feasibility studies

- Wesermarsch rural and urban areas (D)
- Schouwen-Duiveland (NL)



Arvika Sweden

Inundation map


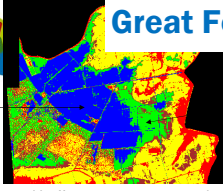




Planned Barrier

Stormwater simulation
Upgrading stormwater system




Great Fen, England

Reconnect and buffer 2 nature reserves by
wetland creation and flood water storage

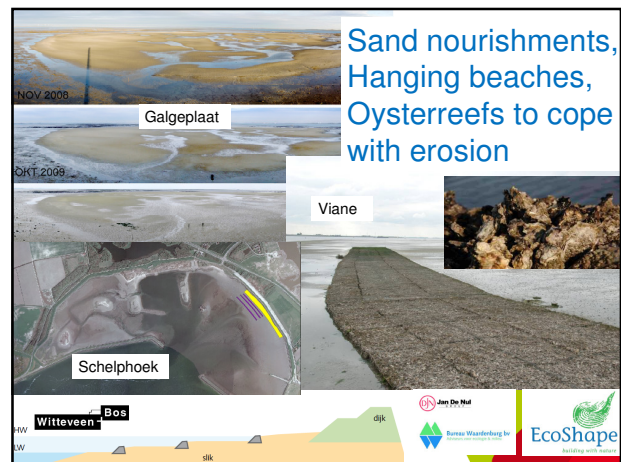
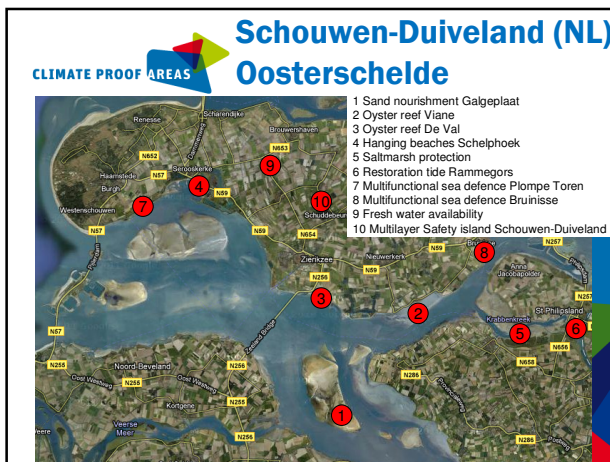
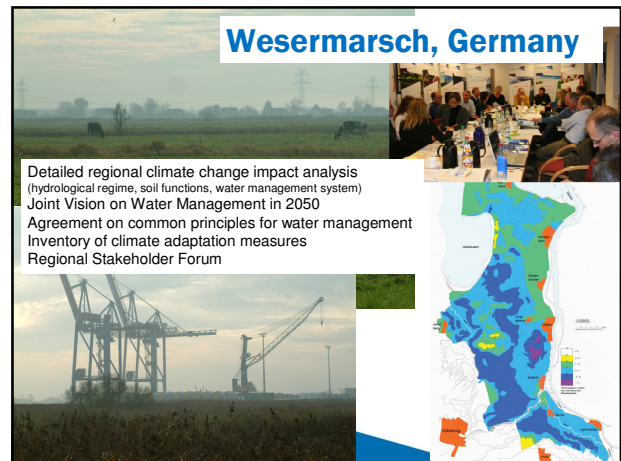
Wicken Fen, England

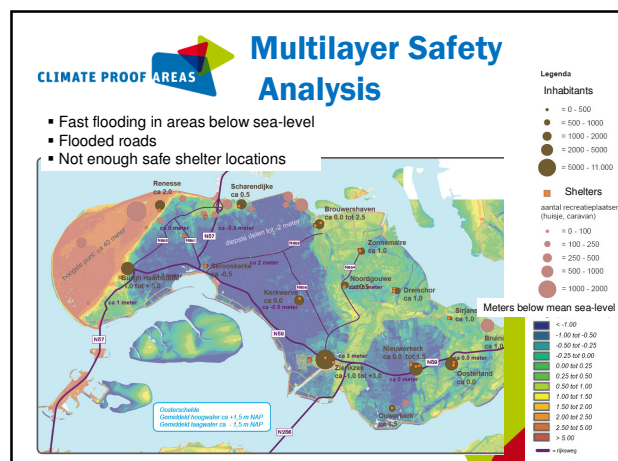
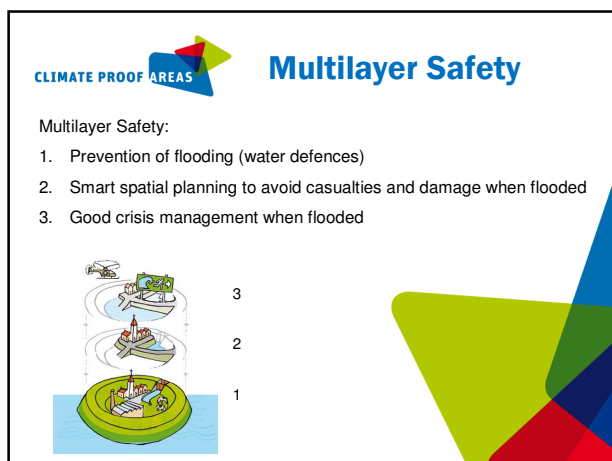
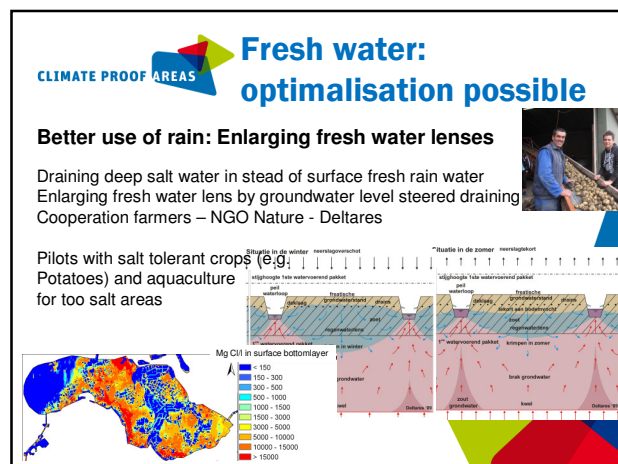
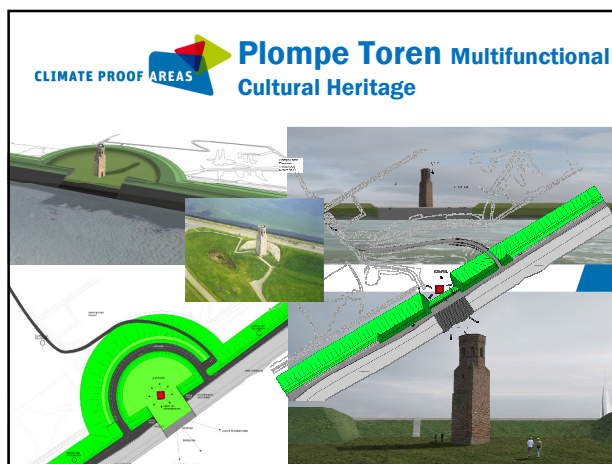
Lowlevel earth bund to retain rainwater to help out in
drier periods combined with footpaths and cycle ways
Study into extensive grazing











Ideas Multilayer Safety

- Robust multifunctional water defences: high and dry, connecting safe havens and contributing to recreational area development
- Dry robust roads when flooded
- Enough safe accessible shelter locations
- Develop no or waterproof housing in low lying areas in future
- Promote awareness and resilience inhabitants (knowing what to do)

Multilayer Safety

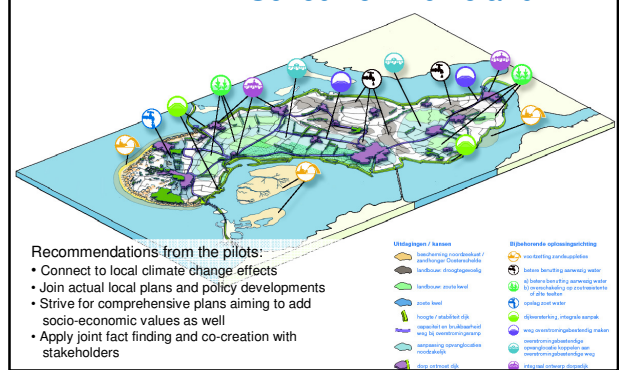
Possible Strategy



Educational Projects



- Route to climate proof Schouwen-Duiveland



Together towards Climate Adaptation

