

## ► Pilot Area: Wesermarsch – Urban (First Steps towards a Regional Climate Adaptation Strategy)

### Project

An integrated adaptation strategy will help the city of Brake to prepare itself for climate change, focusing on the challenges concerning the increased flood risk.

#### General Status

A Regional Forum "Climate Proof Areas" in the county of Wesermarsch, north-western Lower Saxony is established. 22 participants from:

- Water and Dike Boards (Government and Association)
- Farming Associations
- Nature Conservation (Government and NGO)
- Spatial Planning (County and Federal State level)
- City government
- Municipality
- Drinking Water Supplier

#### Stakeholder involvement process

- Several one-to-one meetings
- 5 plenary meeting of the entire Regional Forum

#### Status Wesermarsch Urban

- Two intensive meetings of the working group "Wesermarsch Urban"
- First approaches to a water management which is climate proof, taking into account the different requirements of drainage of rural and urban areas:
  - The "rural area as buffer zone" for peak water discharge
  - The "city as sponge" for delay and retain the surface water discharge in the canals

#### Plan

- Describing the current problems of water management connected to rural and urban areas in the county
- Investigating and describing the regional effects induced by climate change for water management
- Discussing and generating long term and sustainable solutions integrating different approaches taking the current problems and the possible future changes into account (see pictures)
- Deliver a consensus based vision on the county of Wesermarsch for water management in the year 2050

