

## CREATE WETLAND SYSTEMS

### OBJECTIVE

Drain wetlands.

### DESCRIPTION

Construction of different system of water drainage among wastewater and rainwater.

### EXPECTED RESULTS

Creating a buffer in the existing system for the rising number of heavy rain events.

### RESULT INDICATORS

Water flow [m<sup>3</sup>]

Sewage system [km]

### INVOLVED ACTORS

Public Administration, private entities, environmental technicians, builders.

### EXPECTED TIMELINE FOR ACTION

- Long term (> 10 years)

### BEST PRACTICES

- Bottrop - Germany
- Vancouver - Canada
- Alexandria - US

### CRITICALITIES

Existing protected landscape, existing system to modify, water legislation.

### SCOPE OF THE ACTION

- Adaptation

### TYPE OF PROPOSED ACTIONS

- Grey

## SECTOR OF ACTION

- Agriculture / Forests / Land use
- Biodiversity / Conservation of ecosystems
- Public health
- Water resource management

## CLIMATE IMPACTS

- Change or loss of biodiversity
- Drought
- Extreme precipitation
- Extreme temperatures
- Floods
- Salinization and acidification of water

## IMPLEMENTATION SCALE

- Municipality

## SOURCE

[http://www.future-cities.eu/fileadmin/user\\_upload/pdf/FC\\_AdaptationCompass\\_Supplement\\_web.pdf](http://www.future-cities.eu/fileadmin/user_upload/pdf/FC_AdaptationCompass_Supplement_web.pdf)