

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 [m³]

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