

Project: **Lübeck / Hydraulic rehabilitation of sewerage in the area
"Roter Hahn"**

Client: Entsorgungsbetriebe Lübeck
Malmöstraße 22
23560 Lübeck
Germany

Project value: 70,000 €

Date: 2003 - 2005

Project description:

Comparison of two different strategies to reduce capacity problems in combined sewer networks with a catchment area of 0,8 km².

Strategy 1: Conventional (rehabilitation and new canals to entrance the discharge capacity)

Strategy 2: Reduction of surface sealing and infiltration of rainwater



Main elements of the assignment:

Phase I: Basic evaluation by means of the hydrodynamic computer system (HYSTEM EXTRAN)

Phase II: Preliminary design of infiltration methods

Phase III: Comparison of the different types of drainage strategies (efficiency, costs, safety measures)

