

**FEASIBILITY STUDY  
ARTIFICIAL LAKE HAMM**



Source: Stadt Hamm. Title of the feasibility study, abridged version, July 2002

Client: Stadt Hamm  
Year: 2002  
Location: Hamm (North Rhine-Westfalia), Germany

**Brief Description:**

The master plan „Hamm ans Wasser“, developed from of the architectural office David, Terfrüchte + Partner, Essen, projected the artificial lake in the center of the city as a central element and local development focus. In order to examine the feasibility of the lake in the meadows of the river Lippe, the city of Hamm decided to hire Wenzel Consulting for carrying out a feasibility study in 2001.

Apart from aspects of the hydraulic engineering technics, the waters ecology and traffic, which were examined by specialized consultants, Wenzel Consulting took responsibility for the development of the use concept as well as for the evaluation of the regional economic effects.

First the potential of the catchment area and the existing offer-structure at the project location were checked. Based on the specific local leisure profile and fundamental market trends the leisure development potentials for the project were

derived. For the sports and leisure economical evaluation of the project and for the formulation of requirements of the sea planning various national and international references (developments of artificial city lakes, revitalizations of port locations) were analyzed.

The focal point of the concept phase was the development of a workable use concept for the city lake. For this, existing concept ideas were examined for their feasibility as well as new use ideas and project conceptions were developed. The basic components of the use concept were deposited with economic basic data.

Further on a calculation of the local economic effects of the plannings for the city of Hamm – differentiated between monetary and non-monetary effects – was carried out. Based on the concept turnover and investment effects were prognosticated as well as the employment effects for the leisure economy and the service sector were quantified.

#### Tasks:

- Location Analysis
- Catchment Area Analysis
- Competition Analysis differentiated between Leisure Segments
- Leisure Profile and Development Potentials
- Analysis of Reference Projects
- Catalogue of Target-Criterias of the Planning and Evaluation of different Approaches
- Development of the Use Concept
- Definition of Lead Projects (Description on the Basis of the Conceptual Adjustment as well as on the Basis of Industry Standards)
- Outlining of the Regional Economic Effects