

Master Plan for Water Catchment, Wiesbaden

Project

Master plan for the spatial and functional development of the Main Department for the Procurement of Water at council services Wiesbaden AG

Client:
vedewa, Stuttgart

Design Data

Rhein water purification works:
10,360 m² gross area
Ground water purification:
4,120 m² gross area
Platterstraße:
3,330 m² gross area

Period of work:
08/1994 to 12/1994

Services

Survey
Evaluation of the building
Brief
Development scenarios
Building costs estimates

In the course of necessary technical modernisation work, the floor layout of the Main Department for the procurement buildings was to be completely reorganised and the operating order of existing locations checked. Service buildings administration buildings and laboratories showed different deficiencies, which on the one hand were put down to growing technical requirements of water purification on the other hand to changing personnel and organisational structures.

In consequence of history, facilities were located on three sites. The quality of the buildings ranged from a completely new administration building to a listed building from the year 1906, a former pump-house.

The master plan integrated a meshwork of more than 280 rooms into a scheme of case scenarios for present, medium-term and long-term requirements, which were based on alternative targets for development.

All the necessary, new building requirements, spatial and functional reorganisation, and incidental investment costs of each location were specified.

GUS developed a data based case scenario management system, making the adaptation of future requirement alterations possible, thus forming a dynamic updateable tool for decision-making.



Building survey:
floor layout with different zones