

MASTER PLAN OF FLOOD CONTROL AND STORM WATER DRAINAGE IN THE GREATER THESSALONIKI CITY AREA

Country

GREECE

Location

City of Thessaloniki

Client

Ministry of
Environment,
Planning and Public
Works. Thessaloniki
Special Service

Financing

National Funds

Services of ENB

150,000 EUR

Project Duration

04/2003 – 2004

Associated Firms

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Project Description

The Master Plan of flood control and storm water drainage system in the greater city of Thessaloniki (Salonica) area (1,200,000 inhabitants approx, 40 Municipalities) comprises:

- Recording and evaluation of the existing flood control and storm water drainage studies, works and problems in the Thessaloniki region along with the existing infrastructure.
- Proposals for 19 new studies (total cost of 3 M €) and 29 works (total cost of 92 M €)
- Proposals for the improvement of the existing flood control system (storm water retaining structures, storm water treatment, measurements)
- Proposals for the maintenance strategy of the existing flood control system
- Proposals for the institutional strengthening of the client referring to personnel training, new equipment, data managing with new databases and G.I.S and implementation of a quality assurance system according to ISO: 9000 International Standards (total cost of 0.7 M €)
- Proposals to reduce storm water flows with institutional norms rationalised basin management procedures and required infrastructure works.

Services

- Recording and evaluation of the existing flood control and storm water drainage infrastructure and studies. Evaluation of flood control problems in the project area.
- Evaluation of the existing structure (human resources, equipment, data formatting system) of the client's organization.
- Setting of technical, economic, social and environmental criteria to establish priorities and relevant proposals for new flood control and storm water drainage infrastructure required.
- Proposals for institutional strengthening of the client's organization referring to equipment, personnel training, data management (database, G.I.S.) and implementation of a quality assurance system.