

RESTRUCTURING AND DEVELOPMENT OF THE FALIRON COAST IN THE ATHENS BASIN (BEFORE AND AFTER THE OLYMPIC GAMES OF 2004) HYDRAULIC WORKS COMPONENT

Country

GREECE

Location

Attiki Prefecture

Client

Ministry of Public
Works – Olympic
Works Special
Service

Financing

Greek State

Project Cost

161,000,000 EUR

Services of ENB

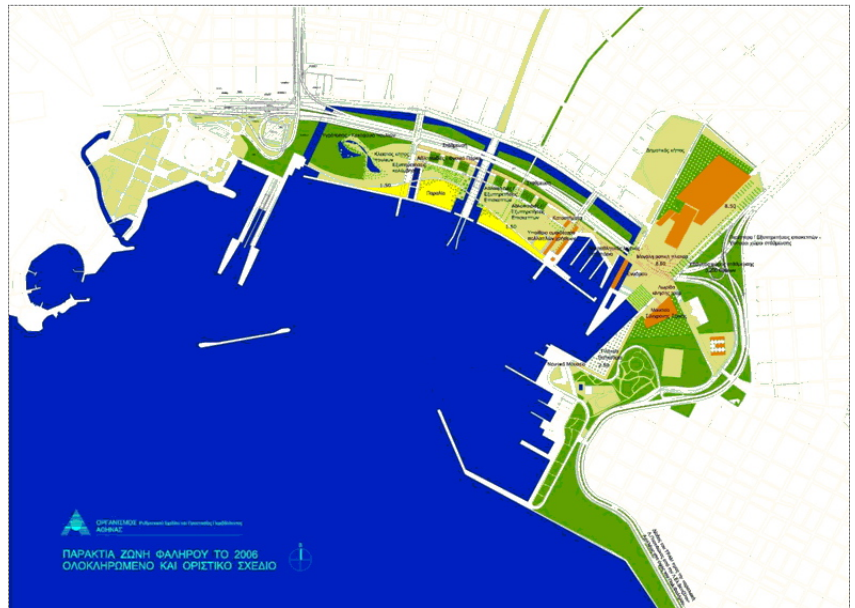
1,725,000 EUR

Project Duration

09/2000 - 07/2002

Associated Firms

--



Faliron Coast after the Olympic Games

Project Description

Restructuring and development of the Faliron Coast, an area of particular significance for Athens, being the historic opening from Athens to the sea. Restructuring and development of the area in view of the Olympic Games 2004, a great part of which will take place at Faliron Coast. The development of the area includes the :

- Olympic installations (Beach Volley - 10,000 spectators, Tae Kwon Do - 8,000 spectators etc)
- Tourist development (beach, artificial lakes, recreation areas, ecological park etc)
- Marine works (wave protection works, marinas etc)
- Infrastructure works (roads, bridges etc)

The Project components carried out by ENB included :

1. Flood control channels affecting the urban areas of Moschato and Kallithea Municipalities (300,000 inh)
2. Flood control of Ilisos River for ($Q_{max}= 270, 0 \text{ m}^3/\text{sec}$) and marine works (wave protection works, l:2,150 m).
3. Flood control works affecting the area ($440 \text{ m}^3/\text{sec}$ max. discharge), diversion works towards Kifissos River of the Prophet Daniel stream ($Q_{max}=170, 0 \text{ m}^3/\text{sec}$), central Athens combined sewer of overflows – Kyklovoros ($Q_{max}=170, 0 \text{ m}^3/\text{sec}$) and partial diversion of Ilisos River ($Q_{max}= 100, 0 \text{ m}^3/\text{sec}$).
4. Water supply and sanitation networks for the installations (40,000 PE).
5. Irrigation system (conduits, reservoirs, distribution network) of the Faliron Coast (100 Ha).
6. Roads and streets (total length : 19 km)
7. Sewage treatment plant (Elaionas) for $10,000 \text{ m}^3/\text{day}$ (phase A) and $20,000 \text{ m}^3/\text{day}$ (phase B) capacity including biological and tertiary treatment to produce water for irrigation of the Olympic areas and miscellaneous municipal parks.

Services

- Master Plan
- Preliminary Design - Feasibility Study
- Final Design
- Tender Documents
- Technical Assistance during construction

ENB Ltd