

	Project title		Design Of Eggares Reservoir, Naxos Island					
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partner(s) [if any]
EPSILON	Greece	600.000,00	100%	5	Ministry of Agriculture - Greece	Ministry of Agriculture - Greece	1990 - 1993	-
Detailed Description of the Project						Type of Services Provided		
 “Eggares” reservoir was the biggest of the 12 reservoirs studied in the area of Cyclades islands. The whole project is aiming at the exploitation of the surface water runoff in small watersheds for water supply and irrigation purposes. Reservoir structures in Cyclades islands are considered highly desirable due to the water deficit caused by the semiarid climate conditions and the rapid increase of tourist's development. The project was co - funded by the Greek Ministry of Agriculture and the European Commission. Following the feasibility study covering the whole Naxos island, the reservoir site at “Eggares” was selected for the final study. The major characteristic of the reservoir site is that it is not in the stream-course. The “Eggares” landscape site consists of a physical water catchment area outside the stream watershed and an earth-fill small dam of a 15m height. The catchment and the dam create a reservoir of a 600.000 m3 volume. The stream-intake structure links to a 2000m long pipe system network, which transports the water into the reservoir. In order to secure impermeable conditions after water storage, the reservoir bottom area was covered by VLDPE membrane.						• Feasibility study • River Basin Management • Simulation – modelling • Environmental Impact Assessment		