

PROJECT PROFILE

Acronym Project #	ERGOSE C-2001_ERGOSE_1	Project Title: Sewerage and Drainage System for the New High Speed National Railway Lines for the sections: Tithorea – Domokos and Ekklisaki (Viotikos Kifisos)						
Name of Legal Entity	Country	Project value [million €]	Carried by EPSILON [%]	Staff Provided [#]	Name of Client	Origin of Funding	Date [start/end]	Partners
EPSILON	GREECE	0,8	100%	7	ERGA_OSE	ERGA_OSE	01.01.2001 30.12.2005	NONE
Project Description						Type of Services		
 The project aimed at an integrated river management dealing with hydraulic-, hydrologic- and environmental engineering studies related to the storm drainage of the National Railway of Greece. It delivered a: - Final Study of the Sewerage and Drainage System for the New High Speeds Railway Line of existing line Athens-Thessalonica from 129+600 KM until 131+600 KM (Place Ekklisaki)" // River Basin Management and Hydrological Study of Viotikos Kifisos River - Final Study of the Sewerage and Drainage System for the New High Speeds Railway Line Between Tithoreas – Domokoy (Section from Sperchios River 39+900 Km to Rail Station Lianokladi) – River Basin Management and Hydrological Study of Sperchios River Major tasks undertaken by EPSILON: - Draining the rainwater coming from the new railway line, using a sided invested trench of a trapezoidal section situated on the level of the ground and sited lengthwise on the uphill foot of the embankment. - Change the tracing of the existing Viotikos Kifisos trench, which will be parallel with the new Viotikos Kifisos bed and on the side of the new railway line. - Ground inclination formation with the appropriate embankment materials, so that the surface water of the area of study flows out in the two above-mentioned trenches. - Hydraulic study of sewerage and drainage system of the rail and re-establishment of the parallel and vertical road network and hydraulic study of re-establishment of offended existing conductors and offended drainage and irrigation networks - Flood control analysis for streams and rivers, remote control of drainage systems - Modeling and GIS technologies.						Deliverables - Surveying and GIS technologies - Mathematical runoff modeling - Integrated rehabilitation of the sewerage – drainage and pumping stations - Hydraulic level constructive solutions - Proposal for IT technologies use - Upgrade of the wastewater treatment plant - Financial and audit plan - EIA/SEA assessment - Management Plan Information Despina Kallidromitou kallidromitou@epsilon.gr Tel. +30-210-6898622 Fax +30-210-9842420		

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