


Project title		Environmental Impact Assessment for the New High Speed Railway Line Athens – Thessaloniki: Platamon Section from 399km to 410km						
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	58.635,36	100%	4	Greek Railway Corporation	Greek Railway Corporation	1993 - 1994	DENCO CONSULTING ENGINEERS LTD, P. KONTZIAS - A. STAMATOPOULOS LTD, ADK - ARONIS DRETTAS KARLAFTIS S.A., EDAFOMICHANIKI ILTD
Detailed description of project						Type of services provided		
 <p>Construction and operation of the new Athens-Thessaloniki High Speed Railway, Platamonas - Leptokaria section, aiming to upgrade the existing railway network and enhance significant economic, energy and environmental benefits. The new section begins 2km south-eastern of the existing Platamonas Railway Station, western of the existing railway. Along Skotina coast. The new alignment passes near the station.</p>						<ul style="list-style-type: none"> Environmental Impact Assessment <p><u>Main environmental issues:</u> Soil stability, construction activities, socio-economic impact: impact on potential local archaeological treasures, landuse, noise, natural resources and wildlife impact. Alternative solutions and mitigation measures were proposed.</p>		
<p>Environmental impacts</p> <ul style="list-style-type: none"> Improvement of air quality. Increase of noise levels in areas where the railway is at the ground level and decrease of noise levels where it is underground. Positive impact on landscape aesthetics (landscape rehabilitation). Change of landuse. Tourist development. Effects on archaeological sites not protected by law regulations. <p>Mitigation measures</p> <ul style="list-style-type: none"> Revealing of archaeological monuments, before commencing the construction of the project. Installation of construction site away from areas of special ecological interest. Tunning of machines and fuel usage under specific restrictions. Equipment of the Railway Corporation with suitable media to prevent pollution caused by accidents. Slope development, planting and use of noise barriers. Rehabilitation of N. Panteleimonas area. Systematic inspection of the railway. 								