	Project title		Environmental Impact Assessment for the V Irrigation Project of Serres					
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	20.190,75	100%	3	**Ministry of Agriculture**	**Ministry of Agriculture**	1995 - 1996	D. VAINALIS, N. CHARISIS

Detailed description of project	**Type of services provided**
 Irrigation network covering an area of 4500ha, comprising of two water intakes, in Strymonas river and in Aggitis river. The scheme aims at constructing an extensive, modern irrigation network, increasing water supply from Strymonas river, while decreasing it from Aggitis river. It consists of five sections: • Eastern section, taking water from Aggitis river. • Central section, taking water via Aggitis water transfer channel. Water supply and water transportation works (channels, reservoirs) from Strymonas river will be constructed in combination with construction of a modern irrigation and draining network. • Western section, irrigated from Aggitis river, via a pumping station, where water supply and transportation works (pumping stations, channels, reservoirs) from Strymonas river will be constructed, combined with a modern irrigation and draining network. • Myrkinos-Palaiokomi section, irrigated straight from Strymonas river, where the existing irrigation and draining system will be replaced by a new one. • Plakes Kainartza section, taking water from Aggitis river, where a new and modern irrigation and draining network will be constructed. **Environmental impacts** • Dust and noise emissions during construction. • Increased productivity of farming land. • Change of the water flow regime in Strymonas and Aggitis rivers. • Water pollution from agriculture. **Mitigation measures** • Tunning of machines and fuel usage under specific restrictions. • Waste collection and separate disposal of toxic and hazardous waste. • Recovery of vegetation and landscape rehabilitation. • 2m^3/sec minimum water discharge, in Strymonas river, during summer. • Rational use of agrochemicals and reduction of pollution of water receivers. • Rational management of irrigation water.	• Environmental Impact Assessment Main environmental issues: Construction activities, Strymon and Aggitis flow regime, agricultural non-point source pollution, wildlife impact, socio-economic impact.