

Ref.:	Project title		Environmental Impact Assessment (EIA) For The Modification Of The Environmental Conditions Of Operation Of The Landfill Of Serres Municipality (Installation Expansion And Rehabilitation Works)					
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]
	Greece	15.546,00€	50%	xxxxx	European Community	xxxxx	08/2012-02/2013	DELPHI ENGINEERING
Detailed description of project						Type of services provided		
Objective of the EIA was the assessment and evaluation of the potential social and environmental impacts arising from the project of modification of the landfill of Serres municipality, as well as the identification of measures to address such impacts, in order for the project to be awarded the necessary renewal / modification of the environmental conditions of operation. The project falls within the scope of Directive 96/61/EC (IPPC) «on the integrated prevention and control of pollution from certain industrial facilities", as amended and codified in Directive 2008/1/EC. As a result, measures are implemented to prevent or, where that is not practicable, to reduce emissions to air, water and land, including measures concerning waste, in order to achieve a high level of environmental protection as a whole. The amendment was related to complementary infrastructure as well as to optimization of the landfill capacity (including slope improvement and lateral enlargement of the landfill active basin), in order to provide for an immediate resolution to the problem of MSW disposal for the Municipality of Serres, until start-up of the new landfill for residuals. As part of the study, it was sought that, in addition to non-hazardous MSW (EWC Chapter 20), the landfill would also accept dehydrated sludge from WWTP (EWC code 19 08 05) until its final restoration. Works to be authorized refer to disposal / landfilling of MSW (operations D1 and D5 in accordance to Annex I of Waste Framework Directive 2008/98/EC) and were intended to serve for the MSW management of certain areas of Serres Municipality as a transitional solution until start-up of the new landfill for residuals (expected October 2012). The assessment of the potential environmental impact of the projects was based on environmental, social and technical-economic criteria.						More specifically, the projects to be licensed included: ✓ Expansion of the existing Cell A (active basin) by: • Works for forming of the slopes and bottom in order to widen the cell's area and increase its capacity; • Works to waterproof the bottom and the slopes of the cell. ✓ Construction of additional works for leachate management by: • Leachate collection system at the bottom of the cell enlargement and network for the transport of the leachate to the existing licensed management network. ✓ Construction of additional works for biogas management by: • Construction of vertical network for biogas pumping (vertical shafts, heads); • Construction of horizontal network for the transport of biogas. ✓ Construction of additional flood protection works north of the enlargement. ✓ Construction of borrow pits at the N-NW of the landfill.		