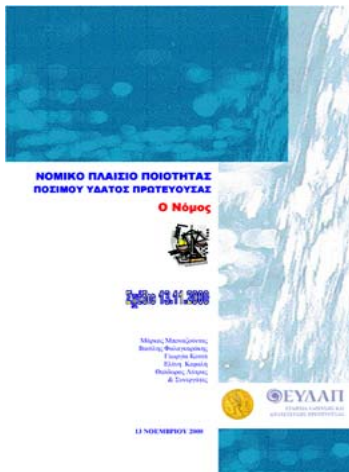


## PROJECT PROFILE

| <b>Acronym:</b> EYDAP/WATER<br><b>Project No:</b> C-9404/2004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         | <b>Project Title:</b> NATIONAL DRINKING WATER ACT & WFD 2000/60 COMPLIANCE |                          |                       |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                                                      |
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| Name of legal entity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Country | Overall project value [in Million €]                                       | % carried out by EPSILON | No. of staff provided | Name of Client                     | Origin of Funding                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Dates [start/end]        | Name of partner(s) [if any]                          |
| EPSILON                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | GREECE  | 0,7                                                                        | 0,30%                    | 10                    | Ministry of the Environment, EYDAP | EYDAP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 01.01.1999<br>30.12.2006 | EPSILON (GR)<br>NTUA (GR), TUM (D)<br>PbS (D), other |
| Project Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |                                                                            |                          |                       |                                    | Type of Services                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                                                      |
|  <p><b>The Project:</b> Members from EPSILON, the National Technical University of Athens, and the Legal Offices of V. Falagarakis &amp; Associates, have accomplished under contract to the Athens Water Supply &amp; Sewerage Company, EYDAP, the formulation of the National Drinking Water Act (Law) and its applications for the Attica Region (Directive).</p> <p><b>The Purpose:</b> Current provisions of national legislation concerning drinking water are found in laws, presidential decrees, ministerial decisions, hygienic directives and other legislative actions. These provisions were established in different time periods and represent obsolete perspectives of drinking water. The Act is in compliance with EC-WFD 2000/60. Current legislation deficiencies require a special directive intervention, considering that Athens drinking system is one of the most extended and complicated networks in Europe. Draft Regulatory Framework of the Athens major area aims to enact a modern, flexible and directly enforceable Act, which will consider land-planning and water resources particularities, current legislative provisions of the national laws, adjustments with Community Laws and other legislative practices employed in other foreign countries (e.g. U.K., USA, Australia, Italy etc.) for drinking water quality and end-users.</p> <p><b>Deliverables:</b> (1) a comparative study and evaluation of national and foreign legislation, in terms of water resource management and drinking water quality, (2) an investigation and auditing of the technicalities of the drinking water network of Athens, (3) the composition of a legal framework for the drinking water quality of Athens major area, (4) the development of website on the internet for the dissemination of information. The legal framework comprises of a «Law», a «Common Ministerial Decree - (KYA, Directive)», and other selective legal provisions. Planning approach of the project occurs with the development and production of a component based software engineering, an approach considered to be flexible due to the fact that allows future changes/alterations and adjustments of the legislation just by changing selective annexes.</p> <p><b>Benefits:</b> The project benefits: (1) EYDAP SA to improve its methods of monitoring, control and data analysis of the parameters regarding raw and potable water, (2) EYDAP Assets to optimise its techniques of water resource management used for the supply of water by the EYDAP SA, (4) Ministry of Environment, Planning &amp; Public Works and other agencies to enact provisions for the protection of water resources used for the supply of drinking water to Athens, (5) other public agents that may use the results of the project, e.g. Ministry of Agriculture, Ministry of Health, Ministry of Development, Ministry of Interior etc. Reviewed documents are forwarded to the Hellenic Parliament.</p> |         |                                                                            |                          |                       |                                    | <p><b>Deliverables</b></p> <ul style="list-style-type: none"> <li>• Legal formulation of the Act</li> <li>• Documents for the Hellenic Parliament</li> <li>• Review of international Acts of 10 countries, including Australia and the USA</li> <li>• Database formulation</li> <li>• Digitisation and GIS technologies of the river basins</li> <li>• 30 volumes of legal documentation</li> <li>• National EIA promotion</li> <li>• Linkage to the WFW 2000/60</li> </ul> <p><b>Achievements-Innovation</b></p> <ul style="list-style-type: none"> <li>• Formation of the Act via an Auditing process (from the “rain-drop to the tap”)</li> <li>• Compatibility of Law and Directive in all its Articles</li> <li>• Object oriented s/w technology application</li> <li>• Web-based retrieval technologies, GIS based related to the spatial distribution of laws</li> </ul> <p><b>Key Words</b></p> <p>Law, Directive, water, environment, Attica, European Union, WFD 2000/60, river basin, water resources and groundwater, regional monitoring centres, Greece, Europe, USA, Australia, Italy, The Netherlands, United Kingdom, water technologies, land-use, environmental economics, EYDAP, Ministry of the Environment, YPEXODE,</p> |                          |                                                      |

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