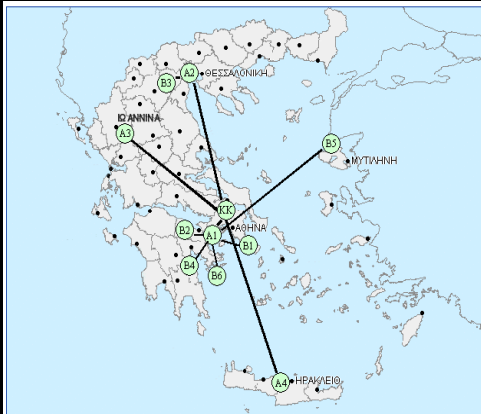


PROJECT PROFILE

Acronym: EDPP Project No: C-9902		Project Title: Hellenic National Environmental Information System: Technology, gap analyses, training, linkage to EU_EIONET-EEA, public awareness						
Name of legal entity	Country	Overall project value [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	10,2	15 %	25	Ministry of the Environment of Greece	European Commission: Structural Funds	01.011999 30.12.2003	EPSILON (GR) BULL (FR) KNOWLEDGE (GR) ESRI (FR, D)
Project Description						Type of Services Provided [Outlined]		
 <p>The National Environmental Information Network/system (EDPP) is a major project of the Ministry of Public Works Environment & Regional Planning (YPEXODE) aimed at compiling, cataloguing and exposing via the Internet available environmental information on Greece. It serves the interchange of environmental information between national, regional, local, and European organisations including individuals. The project delivered: (1) a hardware-software infrastructure, (2) a database, (3) a digital geographic infrastructure, (4) GIS applications for eleven environmental sectors (5) User training and documentation, (6) Public awareness information, and other.</p> <p>Database & GIS applications consist of existing data base analysis and design utilisation, data base detailed and descriptive analysis, data input analytical model definition, queries design and application, forms and reports design and application, access and protection models determination, design and application of data transfer model from the old to the new system and backup analytical model determination.</p> <p>The digital geographic database concerns raster and vector data. The background deliverables are: mosaic of Landsat TM images for all Greece, mosaic of high resolution data (2 m) for 5 cities and gathering of relevant vector data from other agencies of the Ministry (scales 1: 250.000 and 1:50.000). The network includes information from the following environmental sectors (corresponding to departments of the Greek Environmental Ministry). More specifically: (1) Atmosphere, (2) Water Resources, (3) Nature & Ecosystems, (4) Noise, (5) Toxic and solid waste, (6) Industry, (7) External combustion facilities and car, (8) Fuel, (9) Public works & activities, (10) Accidents, (11) Environmental law, (12) Administration.</p> <p>The Nature and Ecosystems Module involved an in-depth inventory of fauna, flora and habitats, Preparation of the documentation for Protected Areas, real-world testing of the monitoring scheme for biota, water, suspended solids, sediments, air and radiological situation quality parameters, General inventory of significant species and habitats, Upgrade of the existing biodiversity database system, development and installation of the web-based application based on ArcIMS (see below), and documentation. GIS applications are based mainly on ArcView and ArcIMS. One application will be developed for every environmental sector. One application is based on ARCINFO, customised with AML or ODE, for the input, editing and management of environmental geographic data. One is based on ArcView IMS for public access.</p>						Services-Deliverables <ul style="list-style-type: none"> Inventory of information Mapping of areas & morphology of Greece in GIS Database (design-development) GIS system (design-development) Data & information input to the system Development of 12 major applications Integration of Ecosystem national databases Internet and web system Linkage to the EIONET_EEA System dissemination and Conductance of education sections Assistance to the Government & Service up to 2005 Public awareness & information exposure. Achievements-Innovation <ol style="list-style-type: none"> Major project of the Hellenic Republic Exposed and distributed environmental information to society, consisting of data collected of 1988-2002 Structured and released a major GIS system in cooperation with ESRI-Germany and BULL of France Key Words Accidents, atmosphere, digital geographic infrastructure, environmental information, environment, environmental law, external combustion facilities and car, fuel, GIS, Greece, industry, Ministry of Public Works Environment & Regional Planning, National Environmental Information Network, nature, noise, pollution, public works & activities, toxic and solid waste, water resources, EIONET.		
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