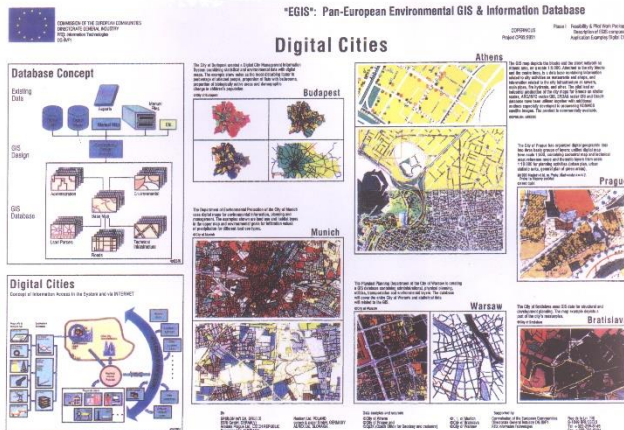


PROJECT PROFILE

Acronym: EGIS Project No: 9317—EC/CP-93:5931		Project Title: Pan-European GIS: City, Land use, Coastal Information, Management Systems						
Name of legal entity	Country	Project value [million €]	% Carried by EPSILON	No. of staff provided	Name of Client	Origin of Funding	Dates [start/end]	Name of partner(s) [if any]
EPSILON	GREECE	1,8	30 %	14	European Commission	European Commission DGINFO	01.01.1997 30.12.2000	EPSILON (GR), ESRI (D), NeoKart (P), GeoComp (H), ArcData (CZ), Univ. Varna (BU)
Project Description						Type of Services Provided [Outlined]		
 EGIS (Pan-European Environmental GIS) presents an approach to handling environmental GIS information with mapping and networking as an effective concerted planning tool for sustainability and environmental protection. Applications covered domains of regional planning, cadastral, environmental planning and telematics planning by using the GIS technologies of the EC-Medora project. EGIS employs GIS as supported by neural networks and space technologies. Russian Kosmos satellite imagery has been utilised in conjunction with advanced image processing techniques. The approach has been developed by partners from Bulgaria, Greece, Germany, Hungary, Czech Republic, Russia and Slovakia, and has been applied in Athens, Munich, Budapest, Warsaw, Bratislava and Varna. The project has been supported by the European Commission, Science and Technology Programme for East Europe and Black Sea Countries. EGIS: (1) establishes of a database and information system to be accessed by any organisation; facilitates regional planning and the obtaining of environmental information, (2) sets the grounds for planning purposes and the categorisation of the NUTS regions of the countries according to rural priorities and financial needs, (3) standardises compiled and processed statistical data for organisations; the standardisation is transferred to Phare and CIS countries, (4) networks participants in EC, Phare & Black Sea countries via their information centre and their databases, (5) promotes the EC support in numerous international GIS conferences and workshops, (6) looks after added value benefits by commercialising certain EGIS features. The project provided an: (1) EGIS-Medora application, (2) An EGIS-Digital Cities application, and (3) An EGIS market analysis. In reference to the EGIS-City implementation, it introduces GIS in sustainable planning, and educated users on GIS environmental information. It also identified city operations that may benefit from GIS in terms of improved efficiencies and expanded capabilities, design of a conceptual framework for building the GIS organisation, hardware and software systems, database, and applications, establish an initial plan for GIS implementation, recommend research in the city sustainability GIS area. EGIS is accomplished in two phases; (i) feasibility and (i) implementation. Overall it feasibility planed, streamlined and selectively apply a GIS and database structure (network) capable in providing and transferring information (east-west) for integrated regional, rural and environmental planning in Phare countries. The network may						Services-Deliverables • GIS Technologies • Mapping and management techniques for land-use, city and coastal management • Training • Web-based GIS information Achievements-Innovation • Introduced the GIS technologies combined with management practices • Established a link of reputable centres • Linked to East Europe and Black Sea Countries • Provided added value information to other EC projects, e.g., ENVIROCITY, INFOCITY, ASIA_CITY Key Words Administration, agriculture, arc/info, Athens, Black sea, Bratislava, Budapest, Bulgaria, cadastral cartography, city operation, community, Czech Republic, database, digital cities, EC-DGIII, environment, Eurostat, Germany, GIS, market, Greece, Hungary, IT, landuse, land record, information base, mapping, modelling, Munich, networking, Oracle, Poland, Prague, RTD, rural areas, Slovakia, telematics, transportation, typology, utilities, Warsaw		

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