

## PROJECT PROFILE

| <b>CASE: 2004-06<br/>Digital-SEE</b> |               | <b>Project Title: DIGITAL-SEE: THE "SPATIAL DATA WAREHOUSE OF SOUTH-EAST EUROPE" <a href="http://www.digital-see.org">www.digital-see.org</a></b> |                          |                       |                                         |                                           |                                            |                                                                                                                                              |
|--------------------------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------|-----------------------------------------|-------------------------------------------|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 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]                                                                                                                  |
| <b>EPSILON</b>                       | <b>GREECE</b> | <b>5.0</b>                                                                                                                                        | <b>45%</b>               | <b>20</b>             | <b>European Commission<br/>DG-INSFO</b> | <b>European Commission<br/>[eContent]</b> | <b>DEC 2004<br/>NOV 2007<br/>(Phase I)</b> | Epsilon Intl' (GR)<br>URSIT (BG)<br>GISDATA (HR)<br>DFG Consulting (SL)<br>Tech.Univ. Istanbul (TR)<br>Tech. Univ. Vienna (A)<br>GIS-IN (BG) |

### Project Description



DIGITAL-SEE aims at sharing spatial digital information across South East Europe, in three phases: (i) Feasibility; (ii) Technology implementation and pilots, (iii) Commercial operation.

The Phase feasibility (amounting to 8% of the budget) has been completed. It investigated the technical and commercial feasibility and viability, of sharing spatial digital information across South East Europe. It aimed to: (i) designing a service offering and selling spatial data, stored by data owners, located across the SEE-region, and (ii) demonstrating the commercial viability of spatial data infrastructures. The realization of is "a private sector initiative" exploiting and exposing the richness of the SEE public sector GIS information. Countries considered: Albania, Bosnia & Herzegovina, Bulgaria, Croatia, Greece, Macedonia, Romania, Serbia & Montenegro, Slovenia, Turkey, and Cyprus.

DIGITAL-SEE designs a distributed spatial data warehouse that connects to data owners in the countries of interest. This warehouse would «not» store data itself, but would include services to integrate data from heterogeneous sources or databases, and presenting them to a *layman user in a seamless way*. Technology would build on state-of-the-art technology, open standards, and use of standardised off-the-shelf components. The warehouse will be used by service providers or data brokers, who will work in a distributed way.

DIGITAL-SEE investigated the business aspects of the resulting service, in order to understand the demand for such a service. Data owners will be able to sell their data via the spatial data warehouse, and the service provider would create revenue by transaction fees and those for value added services. It is

expected that this system would enable many new applications, which use spatial information, in particular in the private sector.

The design of the spatial data warehouse and its commercial aspects was investigated in close contact with data providers across the regions and potential customers of the service. Partners will align their activities with on-going research and development, and also with international initiatives such as INSPIRE and have already made contact with relevant organizations.

Since the feasibility of such a service has been proven, the commercial partners will invest in its realization and establishment of a commercial service in the region and world-wide. Phase I of the project delivered more 55 person-months in 12 months and allows for sufficient time interacting with users and commercialisation. The project will be promoted by Epsilon International SA, a Leader in GIS and multidisciplinary GIS applications, as the GIS of the Security of The 2004 Athens Olympic Games, PDA navigation technologies in association with both FALK (DE) and the other navigators.