

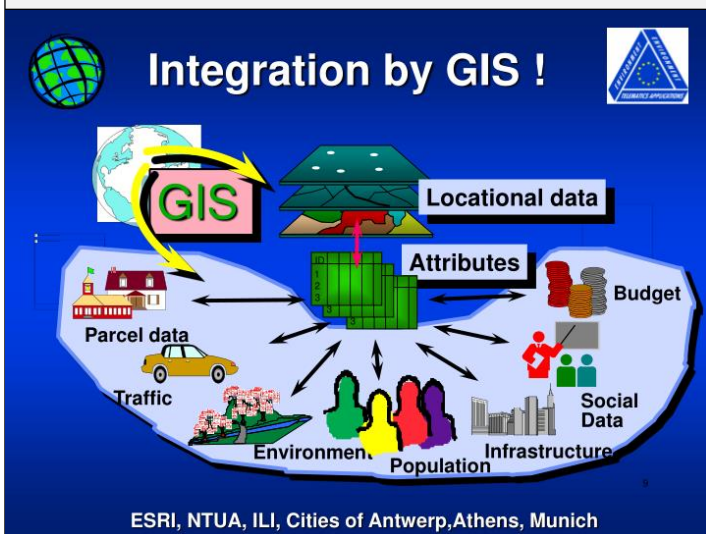


“THE_CITY”: ON-LINE & NAVIGATIONAL CITY INFORMATION ON THE WEB

“The City”

Country	Contract value (€)	% carried out by Epsilon	No of staff provided	Client	Origin of funding	Date (start/end)	Consortium Members
Malta	3.800.000	25% 95.000	14	European Commission	EC 9812— EC/EN3069	01.12.1998 30.12.2001	6 Partners

Description of the project



The CITY project focuses on delivering online, navigational, and location-related information about urban resources and activities to citizens and various stakeholders, such as businesses and public institutions. This is achieved through a GIS-based software tool called "The CITY Internet Developer's Kit," which allows users to access city data via any standard web browser or through public Info Kiosks. The technology is based on ESRI's GIS Internet technologies and enhanced with various programming languages such as C++, Visual Basic, and Java. The system provides essential urban information, including public transportation routes, environmental data, points of interest, and real-time traffic or pollution levels. This solution is implemented in several cities, including Antwerp, Munich, and Athens, and offers an innovative way to engage the public with urban information, facilitating easier navigation and planning.

THE CITY objectives:

- Distribution of environmental city information (habitat quality, air quality, noise distribution, traffic emissions).
- Environmental modeling (air pollution model, noise calculation and habitat balancing).
- Distribution of environmental educational data (maps of different pollutants, parks, green areas, environmental reduction programs).
- Help administrations make informed decisions.
- Provide the public with up-to-date information.
- Deliver in-depth information to specialists.
- Strengthen “environment and health awareness”

Services provided

Innovative aspects of the THE_CITY is the: on-line use of navigational GIS; development of one-line billing and security system; packaging of a generic toolkit; portability to evolving needs and the interoperability of the toolkit; efficient operation of the system on the Internet; and meta data features.

Developed THE CITY GIS internet developer's toolkit.

Applications of the Tool Kit:

- Environmental maps on demand.
- City environmental navigation and routing info.
- Guidance and user's manual for the 2 applications.

Demonstrated three validation scenarios in Antwerpen, Munich and Athens.

