

Geographic Information System of the City of Split

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Abstract:

The City of Split has introduced a modern system for asset management based on GIS technology. Asset management system of the City of Split (SUI-ST) establishes the collection, preservation, processing, analysis and display of spatial data. The application of this technology is in all cases where it is necessary to link spatial data with textual and attribute data, and on this basis to perform the required analysis. In project of introducing GIS technology are included all utilities and other companies interested in joint realization, implementation and realization of the project, ie all institutions responsible for maintaining the databases that are not within the competence of the City, which are necessary for efficient solving of observed problems. With such firms and institutions relevant agreements were achieved. The system is based on a modern GIS and Web-GIS technology and incorporates both data and procedures to maintain their long-term quality and ensuring their collection, editing and updating. The database is built by collecting and processing their own data, official data (SGA, the Ministry of Justice, Ministry of Economy ...), and specially prepared external data (DOF, satellite images ...). System maintenance, as well as each defined data exchange, takes place mostly by applying the principles of interoperability and the corresponding services. The system is intended for use within the City government, utility companies, concessionaires and the economy of the City, but also the Public, via the Internet. The basic goals of the e-Croatia 2007 are to provide citizens and businesses with timely information and active participation in society through an information network system, managing and connecting the Croatian economy, a comprehensive exchange of information and experience in the world of business and entrepreneurship, and equipping the state to become transparent, prompt and efficient service. In accordance with this setting system SUI-ST is defined as an open system that allows data exchange with all stakeholders and with the public and through the use of standardized exchange-standard formats. Interoperability of the system allows the interconnection of business processes that can be completely different from the organizational, semantic and technical point of view, while maintaining independence in terms of administrative procedures and business processes does not violate the established legal and business autonomy.

Keywords: GIS, Split, city government, interoperability