

# **Cadastral Information System of Sofia**

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## **Key words:**

## **ABSTRACT**

A new Cadastre and Property Register Act (CPRA) was passed in April 2000, setting up rules for the maintenance of these two registers.

Funded by the Municipality of Sofia through the GIS-Sofia Ltd., the development of an Information System of the Cadastre (ISC) has started for the territory of the Sofia Capital City. Work on the project is carried out jointly with the Registry Office at the Sofia district court, and a system for the exchange of data between the two offices and between the cadastral and the court registers is being implemented. A prototype of the ISC has been developed to assist the main function of the cadastre – the current registration of real property ownership. The development of the real operative ISC has been contracted out on the grounds of the assessment of the performance of the prototype ISC.

The prototype of the ISC was developed within ArcView environment. The whole functionality of the applications was developed also in AutoCAD MAP R 4.0. environment. The data bases are maintained in an SQL Server. It is envisaged that the real ISC will be realized within SQL Server environment, and the link with the graphic environments of Arc View and Auto CAD MAP is to be realized through ESRI SDE. The ideology of the ISC development will be based on the principle of modularity, and for each module different basic software products are to be used without imposing any changes to the rest of the modules. It is expected that parts of the ISC will be operative by April 2002.

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