

Digital Archive of Geospatial Data of the Republic of Slovenia

Boštjan Pucelj (Slovenia)

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SUMMARY

The Surveying and Mapping Authority of the Republic of Slovenia is a body within of the Ministry of the Environment and Spatial Planning. It implements administrative, professional, technical, coordination and supervisory assignments pertaining to connecting spatial database. The competence of the Surveying and Mapping Authority of the Republic of Slovenia comprises the assignments of the national land survey service, which include the creation, administration and updating of databases pertaining to the basic geodetic system, real estate (land cadastre, building cadastre), state border, spatial units and house numbers, cadastre of public infrastructure and to the topographic and cartographic system.

Evidence maintenance and procedure management generate numerous analogue documents, archived by and stored at the respective regional offices. The bulk represents the land cadastre archive which constitutes the official land (parcel) record. Documents comprising the land cadastre archive date from the emergence of the so-called revised cadastre of the second half of the 19th century (1867-1882) till the present day. Those formed in the future shall become part of it as well. This analogue archive contains cadastral maps (hereinafter ZKN) and field books. The ZKN evidences the latest valid state of the land cadastre in a graphic form. The analogue ZKN had been maintained up to the emergence of digital cadastral plans (DKN) in the period from the year 2000 till 2009. Presently, these are used as archival data as graphics is run in digital mode only. Based on maps' scales, and their location and time data, an IT solution was developed to provide an effective access to the archived digital maps. The eZKN application was developed by the GURS in cooperation with the external contractor. (In addition), Every change of form or attributes of parcel in the database generates field book, in which all changes emerging from a certain administrative or technical procedure are recorded.

The document digitalization project started in year 2000. At the moment, the digital archive includes 23 million pages of geodetic digital documents, which represent the entire analogue land and building cadastral archival of the Republic of Slovenia. It is available to the land survey engineers, owners and public services.