

SLOVENIA

Promoting trust in the accuracy of authoritative data

“Cadastral plans are an important element of land administration in most countries, including Slovenia, but we often take them for granted. Cadastral plans are integral to the procedures used in the recording and management of real estate, rearrangement and division of land, land improvement, real estate valuation, land taxation, and as tools for the rational management of land and buildings.”

Tomaž Petek, Director-General, Surveying and Mapping Authority of the Republic of Slovenia

A project to improve positional accuracy of the cadastral index map (ZKP) is delivering uniform topologically correct data used for land administration in Slovenia.

The Surveying and Mapping Authority is using the latest technology and methods to update the data, which was first collected in the first half of the 19th Century, to maximise its use in of spatial planning, building construction and real estate management.

The ZKP remains unchanged but the land cadastre plan (ZKN) was supplemented/amended with land cover points, which received eastern and northern coordinates in the improvement and thus became a uniform graphical layer. All the activities are presented and described in Slovenian Land on Cadastral Maps.

Benefits

- Meets the needs of users through continuous and improved positional accuracy.
- Ensures the first production of the ZKN as a uniform graphical layer for the whole of Slovenia.
- Provides a better understanding of the history of the changes to data.
- Mathematical-statistical analyses, facilitated by the method used, provide an effective tool for detecting gross errors in observations in the land cadastre database.
- Benefits a wide range of uses in implementing land administration tasks such as: the production of municipal spatial planning plans; the regulation of conditions for protected farms; the granting of agricultural subsidies; the calculation of forest road fees; the implementation of new spatial planning and building legislation; the regulation of rights to social transfers; and the formulation of tax policies.
- Demonstrates the contribution of the [State Surveying and Mapping Authority](#), as well as of the surveying profession as a whole, to modern society.

