

# Croatia

## Digitising Croatia's Cadastral System to meet user needs

### Digitalisation of the cadastral system in Croatia is improving data quality, processes and distribution.

The State Geodetic Administration (SGA), which is under the jurisdiction of the Ministry of Construction and Urban Planning, is undertaking the work to deliver fully digital business operations to meet the requirements of the EU and the national government. It is responsible for cadastral maps and related data, which are maintained via 20 regional cadastral offices and 92 branch offices.

The Ministry of Justice is responsible for registration of ownership and other real property rights (land registers). Land registers are kept and maintained by 107 land registry offices at 22 municipal courts (land registries).

With SGA running many programs to standardise technological and organisational aspects of the cadastral system, it is vital that guidelines are provided to civil servants and private sector users. SGA has developed and interlinked IT systems, improved data quality and trained its own staff as well as external users to assist the transition. In addition, it has implemented projects to raise data quality and developed many services for data distribution, sharing

and exchange. Legislative changes for the coordinate cadastre were also introduced in 2018. Other achievements include the delivery of actual (surveyed) coordinates in real time using the Croatian Positioning System (CROPOS).

To meet all preconditions for fully digital business operations, SGA has established a unified database and application for keeping and maintaining the land registry and cadastre data. This Real Property Registration and Cadastre Joint Information System (JIS) allows digitally produced geodetic reports to be received while digital business processes have been revised. A geoportal provides a central point of access to SGA spatial data and enables the electronic issue of public deeds (cadastral map copies, possessory sheet transcript/extract and Land Database extract) through a One Stop Shop (OSS).

Self-service and free data searching and downloading is also available for the purpose of producing digital geodetic reports. The Digital Geodetic Report System (DGRS) enables additional electronic business operations to be performed by the SGA and licensed geodetic firms, allowing data for geodetic reports to be captured electronically, produced in digital form, and then electronically submitted to the cadastral office. More than 12 million pages of geodetic reports can also be viewed in the Digital Archive System (DAS).

