CZECH REPUBLIC TAKES SIGNIFICANT STEPS TOWARDS FULL ONLINE CADASTRAL REGISTRATION

Significant progress towards full electronic cadastral registration in the Czech Republic resulted in 50% of all applications completed using the e-service during 2015.

Following intensive work by the Czech Office for Surveying, Mapping and Cadastre (ČÚZK), the electronic management system for archiving and searching documents is now fully operational. It means that all documents delivered after January 2014, as well as many older documents, can now be provided in electronic form. Work to complete the database continues.

Application forms for registration into the cadastre of real estate can now be completed and sent online with the relevant documents, or printed and sent by post. Documents are then provided electronically from the paid application remote access to the cadastre of real estate.

The new procedure not only improves efficiency, as ČÚZK employees no longer have to log the information by hand, but also reduces the risk of errors. In 2015, approximately 75% of all applications were prepared in this way and 50% of all registrations were then realised using the electronic system.

Geoportal ČÚZK is the main access point to services and geographical data produced and provided to the public by ZÚ (Land Survey Office) and ČÚZK. It provides the following datasets: Administrative units (AU), Addresses (AD), Buildings (BU), Ortho-imagery (OI), Elevation (EL), Hydrography (HY), Transport network (TN) and Geographical names (GN) via web services that meet INSPIRE specifications. View and download services for the Buildings theme were launched in October 2015. For the Elevation dataset, published in the middle of 2015 together with a view service using coloured hypsometry for visualisation, the source dataset is the 4th generation digital terrain model of the Czech Republic (DMR 4G).

Work on the 5th generation digital terrain model (DMR 5G) is due to be completed in the next year. DMR 5G is based on airborne laser scanning and will provide a digital terrain model with the accuracy of 18cm in uncovered areas and 30cm in the wooded areas.

ČÚZK has participated in the ELF Project since March 2013. In 2015 it provided harmonised data and interoperable services, which were repeatedly successfully tested, and took part in pilot verification of the elevation data on the common state boundary point of Germany-Czech Republic-Poland. In addition, it co-organised two international ELF workshops and the INSPIRE KEN meeting in April 2015. A one-day ELF workshop especially for Czech specialists was also organised in cooperation with the Czech Association for Geoinformation (CAGI).

In 2015 significant administrative changes caused by the Civil Service Act took place in the whole state administration in the Czech Republic, including the branch of cadastre and land surveying. As a result, 90% branch employees transferred into the civil service and are now subject to new rules and regulations.