The Role of the Geodesy, Cartography and Cadastre Authority of the Slovak Republic

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Main facts about Slovakia

- 49 034 km²
- 5.4 million inhabitants
- EU - 2004
- Euro - 2009
State administration structure

Government

- Ministry of Foreign Affairs
- Ministry of Economy
- Ministry of Defence
- Ministry of Interior
- Ministry of Finance
- Ministry of Culture
- Ministry of Justice
- Ministry of Agriculture and Rural Development
- Ministry of Environment
- Etc.

- Antimonopoly Office of the Slovak Republic
- Statistical Office
- Geodesy, Cartography and Cadastre Authority
- The National Inspection Office of Labour
- The Industrial Property Office
- Slovak Office of Standards, Metrology And Testing
- Nuclear Regulatory Authority
- Telecommunications Office
- Etc.
Organisational structure

Geodesy, Cartography and Cadastre Authority of the Slovak Republic

Geodetic and Cartographic Institute Bratislava
- 181 employees

Research Institute of Geodesy and Cartography
- 26 employees

Ministry of Interior
- 75 cadastral offices
- 65 employees
Legislation

- Act on geodesy and cartography
- Act on real estate cadastre
- Act on NSDI
- Acts on information systems of the public administration
- Act on eGovernment
Main fields of activity

- reference systems, geodetic controls
- real estate cadastre
- topographical database, ortophotomosaic
- state maps
- standardization of geonames
- central map archive
Geodetic control

- positioning network - ETRS89, S-JTSK
- levelling network - Baltic height system, EVRS
- gravity network
GNSS Real – time positioning services

10 years

34 stations, more than 1260 users
National Spatial Network

1 659 points
National Levelling Network

1st order - 11 165 points
2nd order - 26 942 points
National Gravity Network

14 absolute gravity points
1st - 3rd order – 442 points

vertical gravity baseline in High Tatras
Maintenance of state boundaries
Cadastre of real estate

- land plots
- cadastral districts
- constructions
- rights to the properties, constructions, apartments and non-residential premises
- apartments, non-residential premises, apartments and non-residential premises under construction
- protected parts of nature and country and cultural monuments
Topo - database
State maps
Geonames

119 000 standardized geonames (1:10 000)

270 000 names from large scale maps
Data/services Provision

- to public authorities – free of charge
- to business and citizens – paid
- cadastral information (cadastral portal) – free of charge (not for legal purposes)
- wms, wmts, transformation, conversion – free of charge
Electronic services

- cadastral maps – wms, wmts
- topo data – wms, wmts, wfs
- ortophotomosaic - wms
- administrative units – wms, wfs
- geonames - wms, wfs
- coord. transformation service
- metadata catalogue service - csw
International activities

- EuroGeographics – ERM, EBM, SBE, EuroDEM, plans for ELF
- EUREF, EUPOS, PosKEN
- INSPIRE
- cross-border topo data harmonisation (CZ, PL)
- cross-border geonames harmonisation (CZ)
Thank you for your attention