New Trends and Developments in the Czech Cadastre

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PCC Conference and Plenary Meeting, Tallinn 2017
Czech Cadastre:

- Integrated Cadastre and the Land Register in the Czech Republic
- Information System of the Cadastre of Real Estates since 2001
- Legal framework: Act No. 256/2013 on Cadastre of Real Estates and Civil Code No. 89/2012
Digitalization of the data and documents - overview:

• All the Descriptive Data in digital format since 1999

• Cadastral maps – 99% in vector format, 1% in raster format

• Deeds submitted since 2014 – submitted either in digital format or scanned

• Survey plans – since 2014 produced only in electronic format, the plans before 2014 are now being scanned
Electronic processes:

- Applications in the Land Register – can be lodged both electronically and on paper
  - notaries, courts ... lodge the documents and deeds for the registration only electronically
  - others can submit the applications on either paper or electronically, if on paper then all these documents are scanned subsequently

- All the documents and deeds are processed in electronic format – DOCUMENT MANAGEMENT SYSTEM
Key registers, systems and applications:
Viewing Cadastre

- Free of charge access to limited cadastral data
- URL: [http://nahlizenidokn.cuzk.cz](http://nahlizenidokn.cuzk.cz)
- More than 2 million visits monthly
- Downloaded more than 5 TB monthly
Viewing Cadastre – cadastral map
Viewing Cadastre – building interpretation
Viewing Cadastre – price interpretation
Viewing Cadastre - boundary accuracy
Viewing Cadastre - survey plans interpretation
Viewing Cadastre - easement interpretation
Remote access to ISKN

- ISKN – Information System of the Cadastre of Real Estate
- URL: [https://katastr.cuzk.cz/](https://katastr.cuzk.cz/)
- Detailed data of the Cadastre – free of charge only for the state authorities, municipalities ...
Remote access to RÚIAN (VDP)

- RÚIAN - the Register of Territorial Identification, Addresses and Real Estate
- URL: http://vdp.cuzk.cz/
Continuous mapping and revision programme (1)

Based on Vision document issued by the Czech Office for Surveying, Mapping and Cadastre in 2017

• Description of the current state in digitalisation of cadastral maps
• Quality appraisal of the cadastral maps
• Approved Strategy of the Spatial Information Infrastructure Development
• Capacity building
• New objectives
Continuous mapping and revision programme (2)

New objectives:
1. Increasing geometric quality of cadastral maps with low accuracy - Positional Accuracy Improvement
2. Removing discrepancies between records and reality in the field
3. Keeping data up to date
4. Recording of new features
Continuous mapping and revision programme (3)

Looking ahead:

• Enhanced cadastral data quality - every cadastral unit should be mapped or revised by 2030

• New links from other spatial data registers – directly updated by their providers on the base of the RÚIAN register
Thank you for your attention.

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