Basic state registers – RÚIAN role, content, connection to the cadastre

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Content

• Establishment of the Registry of Territorial Identification, Addresses and Real Estate (RÚIAN)
• Role of the RÚIAN
• Principle of Editing
• Content of the RÚIAN
• Access to the RÚIAN
• Connection between RÚIAN and Cadastre
Information System of Base Registries (ISZR)

- Register of Natural Persons (Inhabitants)
- Register of Economic Entities
- Register of Rights and Duties of public authorities
- Register of Territorial Identification, Addresses and Real Estates
Role of the RÚIAN

• The ‘Once-Only’ principle of maintaining the data by the law
  – the “reference data” are defined as the primary data source for every public administration body
  – the data should be considered as valid
  – it is not allowed to request these data again from the persons themselves

• RÚIAN is the only system where the territorial identifications are kept.
  – i. e. in other registries only links to address points administered in RÚIAN are registered
Principle of Entry into the RÚIAN

- RÚIAN is edited
  - via 2 information systems
    - ISÚI (Information System of Territorial Identification)
    - ISKN (Information System of the Cadastre of Real Estate)
  - via several editors

Czech Office for Surveying, Mapping and Cadastre
Content of the RÚIAN

- RÚIAN contains descriptive and location data about:
  - Territorial Elements (Borders of Districts, Municipalities, Villages, Military and Urban Districts, Cadastral Units, Building Object, Plots...)
  - Territorial-Registered Units (Parts of the Villages, Streets or Other Public Space)
  - Special-Purpose Territorial Elements
  - Addresses (Address Space)
  - Mutual Relations Among the Elements
Special-Purpose Territorial Elements

• RÚIAN contains data on special-purpose territorial elements
  – Synoptical, clear and accessible record of data on public law restrictions that are directly related to the territory

• Data about special-purpose territorial elements
  – identification data, which are code and name
  – location data, which are definition point and boundary
  – data on links to other territorial elements

• Administration of the data
  – legal editors directly in ISUI or via web services that may be implemented in the agent information systems
Special-Purpose Territorial Elements

• Established special-purpose territorial elements
  – Electoral District
  – Mining Areas
  – Protected Bearing Areas

• Approved Elements by the Law
  – Creditworthy/Bonified Soil Ecological Units
  – Nature and Landscape Protection Elements

• Elements in the Legislative Process
  – Protective Zones of the Geodetic point marks
  – Protected Areas for Special Interventions in the Earth's Crust

• Elements in Negotiation
  – Protection of Cultural Monuments
  – Protection Zones of Spas and Springs
  – School Districts

Administrator of the Element

– Ministry of Interior
– Czech Mining Office
– Ministry of Environment

– State Land Office
– Nature Conservation Agency

– Land Survey Office

– Ministry of Environment
– Ministry of Culture
– Czech Inspect. of Spas and Mineral Springs
– Ministry of Education, Youth and Sports
Special-Purpose Territorial Elements

The significance of special-purpose territorial elements due to their publication via RÚIAN

- Data are binding
- Data must be used
- Data with a location parameter
- Data are the only correct one
- Data are easily available
- Challenging their correctness has a defined clear process
- There are deadlines by which the discrepancy must be disclosed and resolved
Access to the RÚIAN

- RÚIAN is a public list - data are designed by the law to exploitation
- Data are free of charge
- Data are freely accessible via the online application
  - http://vdp.cuzk.cz
- Sharing data is allowed via
  - RÚIAN exchange format (VFR)
    - http://www.cuzk.cz/vfr
  - eGON RÚIAN services (XML)
Connection between RÚIAN and Cadastre

**Cadastre**
- Cadastral Units
- Plots

**RÚIAN**
- Information about Building Objects
  - Building Type
  - Way of Use
  - Descriptive Number
- Selected Special-Purpose Territorial Elements
  - Mining Areas
  - Protected Bearing Areas
  - (Creditworthy Soil Ecological Units)
  - (Nature and Landscape Protection Elements)
Conclusion

• The development of government services lay down specific objectives for the Czech public administration aiming at improving public e-services and increasing overall effectiveness and efficiency.

• The objectives include efforts to:
  – Build a consistent rules to bring uncoordinated data management to a coordinated state
  – Move from independent and inconsistent public administration processes to standardised, coherent, high-quality, effective and measurable public administration services
  – Move from specialised public service to coordinated user-friendly ICT public services
  – Move from isolated data to linked open data
Conclusion

• The management of the special-purpose territorial elements is an ideal model for sharing the data from different administrators through a standardized platform.
Thank you for your attention