Enhancing Cadastral Land Information System Towards SOA in Republic of Kosovo

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Enhancing Cadastral Land Information System towards SOA

- Current situation
- Not only a technical decision
- The impact of new infrastructure
Current situation

- KCLIS-T – management of cadastre text information
- KCLIS Graphical – management of map features (raster and vector)
- KCLIS Cadastre Map – management of cadastre spatial information
- ARIS – Address registry
- KCA Geoportal – web portal for dissemination of data mainly from KCA
Current situation
Current situation
Not only a technical decision

- Establish data standards for National Spatial Data Infrastructure (NSDI)
- Recommendations of Interoperability Framework
- European integration, namely European interoperability
The impact of new infrastructure

- Each subsystem operates independently of other system modules.
- Each subsystem completely controls the data for which it is responsible.
- The subsystem communicate with each other and with various other clients via interoperability services.
The impact of new infrastructure

• Linkage with external systems to enforce data validation
• Linkage with Kosovo Business Registration Agency (BRA)
• Linkage with Civil Registration Agency (CRA)
• Linkage with Department for Registration and Liaison with NGO (DNGO)
The impact of new infrastructure

- Manage how the different workflow and actual resources related to management for all cadastre information in Kosovo, carried out by the MCO’s and KCA
- Manage of valuation and taxation information about cadastral objects
- Manage of all legal information cadastral objects (rights and parties) related to the cadastral objects
- Manage of all digital documents related to cases and cadastral objects
- Provide functionality for import and export of data according to standard formats
Thank you

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