

FIG

FIG WORKING WEEK 2017

Helsinki Finland

29 May - 2 June 2017

Presented at the FIG Working Week 2017,
May 29 - June 2, 2017 in Helsinki, Finland

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



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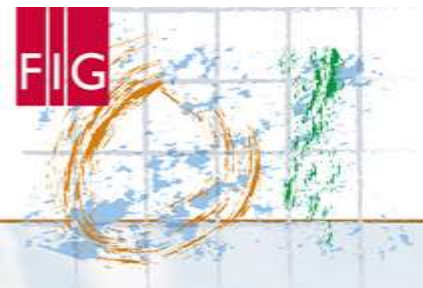
Current situation

- 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



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Current situation

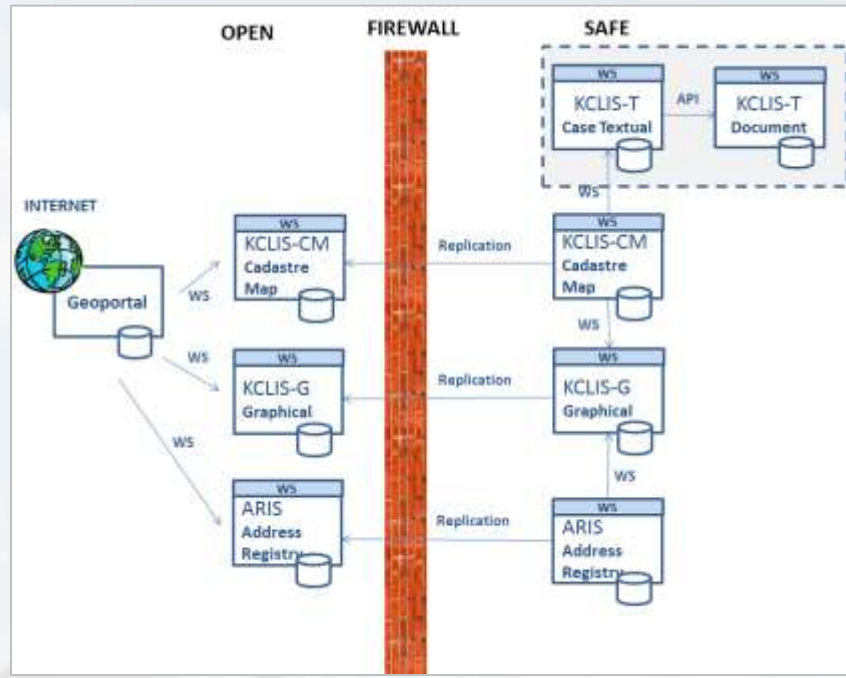




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Current situation

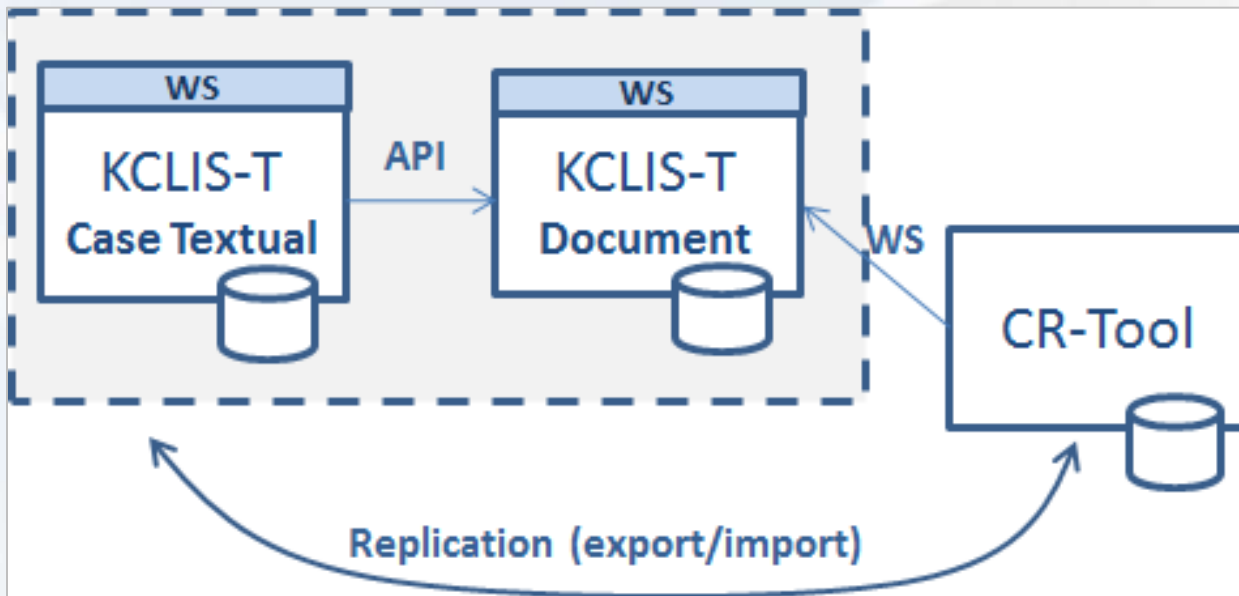




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Not only a technical decision

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



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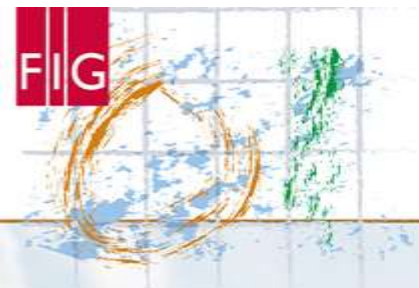


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The impact of new infrastructure

- 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.



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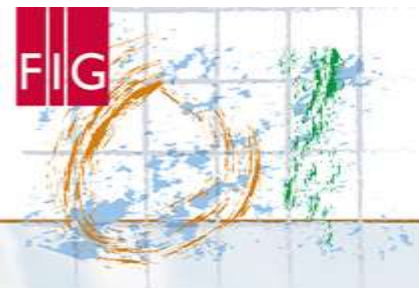


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The impact of new infrastructure

- 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)



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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



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Thank you



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