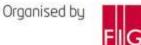
29 May - 2 June 2017

"Implementation of Client Oriented Cadastral Services, the Federation of BH experience and lessons learned"

Authors: Željko OBRADOVIĆ, Nedžad PAŠALIĆ and Denis TABUČIĆ, Bosnia and Herzegovina

> Surveying the world of tomorrow -From digitalisation to augmented reality

Presenting: Denis TABUČIĆ





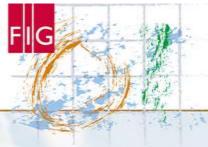












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The objective:

Draw conclusions from the reforms to the organisations and procedures in order to introduce improved client oriented services in the Federation of Bosnia and Herzegovina.





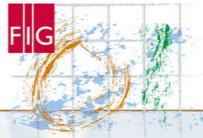












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Bosnia and Herzegovina: QUICK FACTS

- Location: Southeast Europe.
- Area: 51,129 sq km (19,741 sq mi).
- Population: 3.8 million inhabitants (census 2013 results).
- Administrative: the Federation of Bosnia and Herzegovina (FBH), the Republic Srpska (RS) and an independnt district (Brčko).
- FBH: a dual registration system.

Recognized by the European Union (EU) as a potential candidate country since 2003





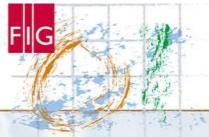












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LAND ADMINISTRATION REFORM IN PROGRESS

- Land administration sector policy and strategy in BH since 2011;
- The long-term objective: facilitate economic development and good governance by having clear records of all real estate easily accessible to users online;
- Recognizing the significance of land administration the entity governments and Council of Ministers support the development of the land administration field for optimal service delivery to customers;
- Federation of Bosnia and Herzegovina is successfully implementing internationally recognized best practices in land administration and starting to building up spatial data infrastructures;





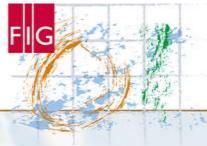












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LAND ADMINISTRATION REFORM IN PROGRESS

- Land administration services are an essential component of public infrastructure for the benefit of the general public; easy and full access to information related to real estate should be ensured for every potential user
- All information related to real estate should be in digital form and made available to potential users via the Internet or other public networks in a transparent and userfriendly manner
- The vision is to create a land administration system in which relevant authorities will ensure: the availability of digital data to all in order to enable unhindered access to data and data distribution;





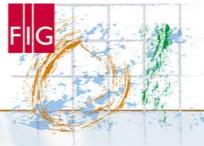












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LAND ADMINISTRATION REFORM IN PROGRESS

- A new draft Law on Geodetic Survey and Real Estate Register in the procedure has a basic objective of establishing a unified registration system with an integrated real estate database;
- The Doing Business 2016 report: The time needed to register a property has fallen from 331 days to 24 days, and the cost of registration has fallen to 5.2% of a property's value;







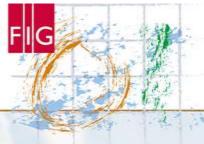












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EXTERNAL SUPPORT TO THE REFORM, The World Bank

- Extremely satisfactory and synergetic cooperation on the Real Estate Registration
 Project (RERP) as a follow-up to the Land Registration Project, managed by the WB;
- The private sector, and public, academic and other institutions are working successfully
 in a demanding environment, and within reasonable resources in support to the
 sustainable development of the LA sector;
- The project's development objective is to support the development of a sustainable real estate registration system with harmonized land register and cadastre records in urban areas;
- The objective is to establish up-to-date and interlinked land register and cadastre database;
- This will in the future lead to the provision of electronic online services and eventually to electronic conveyancing;





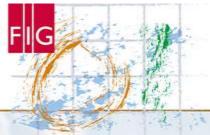












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EXTERNAL SUPPORT TO THE REFORM, others

- "Capacity Building for Improvement of Land Administration and Procedures in BH CILAP"
- "Public services for the real estate market and European integration Project"
- IMPULS project
- EU financed projects
- MATRA
- Other











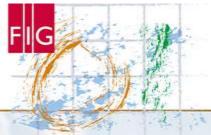












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SERVICE STANDARDS

- Service and quality standards are prepared and adopted best practice example in the region;
- In terms of quality standards, competent institutions are required to:
- provide services in a way that will make clients have full trust;
- align services, objectives, and tasks with the need of service users; and
- process clients' requests promptly and without errors made by staff.

Monitoring and evaluation system established (yearly indicators).





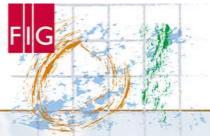












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CADASTER INFORMATION SYSTEM

Katastar.ba software

- Unique Object-Relational model
- Central Database established
- Graphic and alphanumeric data maintenance
- GIS and workflow
- Data portal developed.

http://www.katastar.ba/

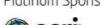




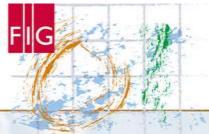












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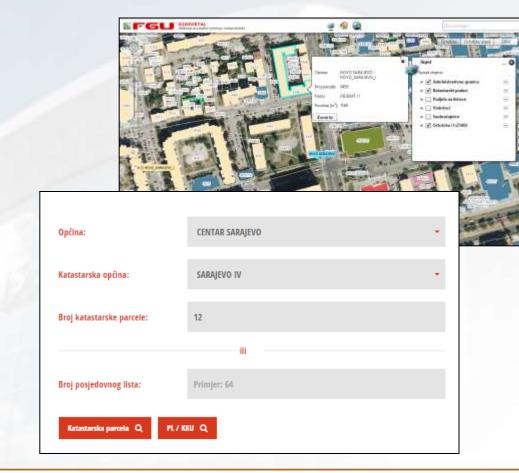
CADASTER INFORMATION SYSTEM, e-services

In operation since 2014. Steadily growing interest.

- 323 k visitors
- 12,5 mil. data views
- 7,9 mil. executed searches
- 7,3 mil. searches by the parcel number
- 555 k searches by the possession sheet
- 532 k insights in the parcel geometry
- 117 k hits on the Geoportal browser
- 457 k hits on the mobile Geoportal browser.

2016, statistics

The Geoportal (www.katastar.ba/geoportal) is developed as integral part of the public website.







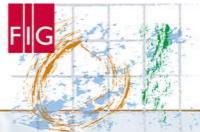












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OTHER INFORMATION SYSTEMS, Address register - AR







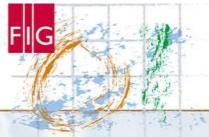










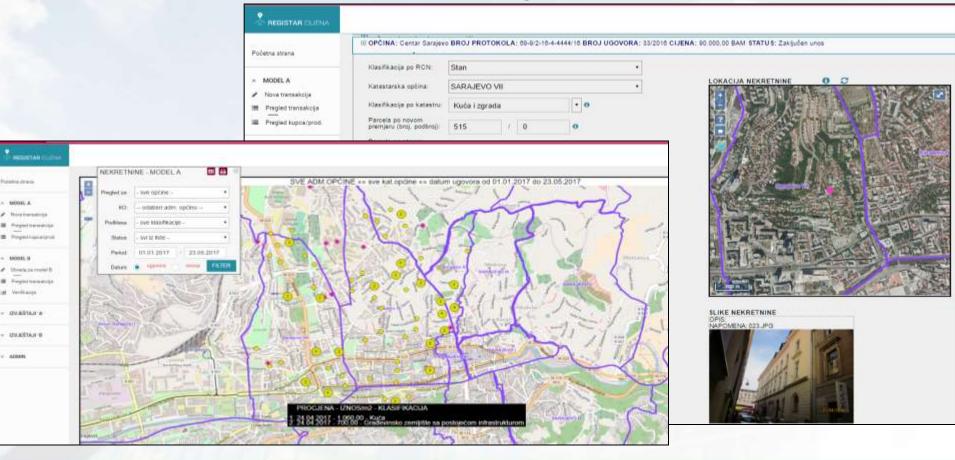


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OTHER INFORMATION SYSTEMS, Sales price register - SPR







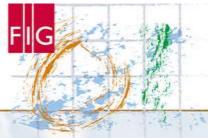












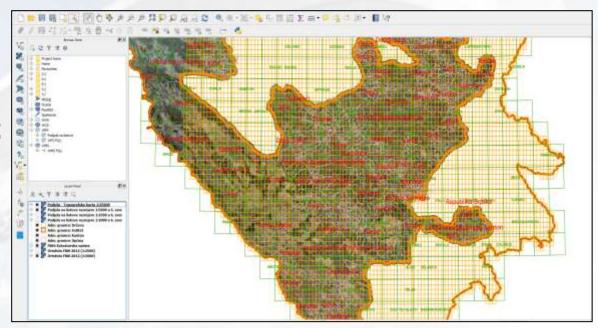
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OTHER INFORMATION SYSTEMS, Topographic information system- TIS

- accepted international standards in this area, there is a clear tendency towards an efficient information system for topographic/cartographic data of the FGA;
- topographic data model;
- support for e-Government;







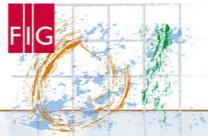










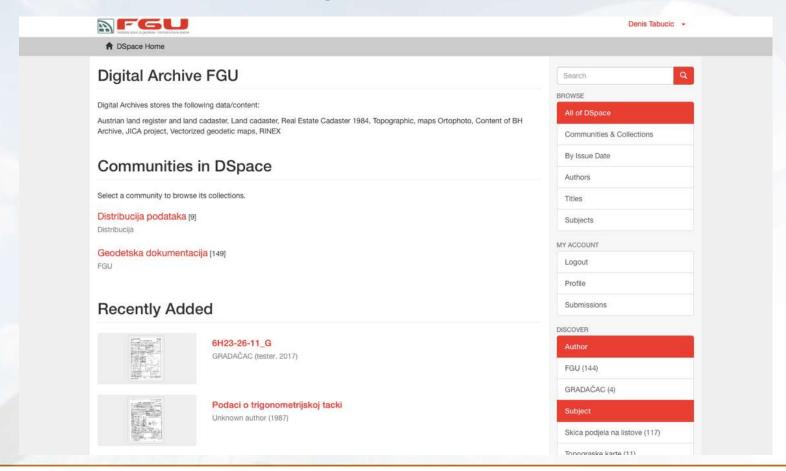


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OTHER INFORMATION SYSTEMS, Digital archive







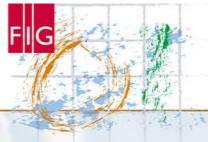












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LAND REGISTRY INFORMATION SYSTEM, e-grunt

Software for all LR offices

- •All locations connected to the central location and databse;
- Tehnical precondition for data sharing met;
- Different e-services available.







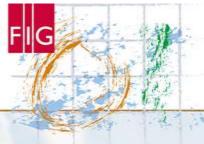












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COMPLETE/INTEGRAL INFORMATION SYSTEM ON REAL ESTATE

- The existence of unique software for the land registry and for the cadastre;
- Enable access to information on real estate across the Federation of BH;
- Changes in current regulations are needed;







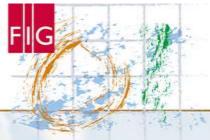










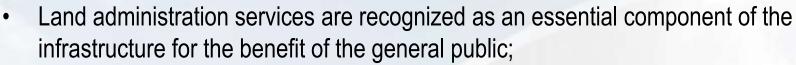


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CONCLUSIONS





- Customer awareness and a need for value for money are recognized as important drivers of change. Building a quality e-government;
- Constant improvements of availability, accessibility, efficiency and effectiveness of the service to the public, professional users and government organizations;
- Supporting the reform of public institutions and EU aspirations with the provision improved, accurate, and reliable real estate data with a high quality, timely, and easyto-use customer service;

















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