

Federal Administration for Geodetic and Real Property Affairs (FGA)

www.fgu.com.ba

Projects deliver public services for economic growth and social development

Denis Tabučić, head of the Sector for project implementation

EuroGeographics webinar

The objective:

Introduce how Land administration sector projects in FBH significantly contribute to the digital transformation goals, the European Union accession and consequently to overall economic and social development and growth.

Expanding on the EuroGeographics case study for 2020.

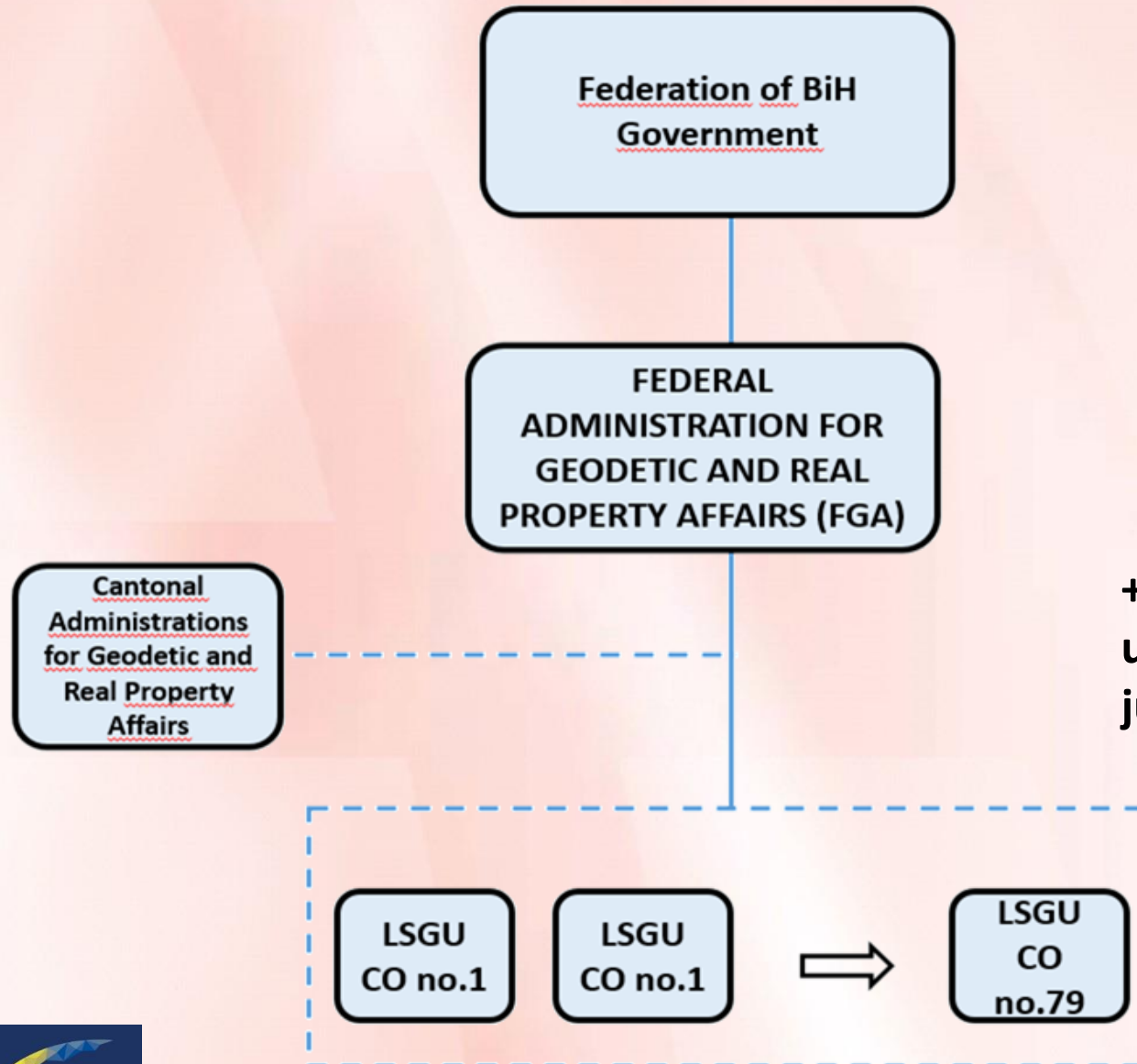
Bosnia and Herzegovina: QUICK FACTS



- 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 independent district (Brčko).
- FBH: a dual registration system.

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

FGA organisation and jurisdiction:



**+ Additional 38 LRO
under the
jurisdiction of MoJ**

FGA vision

To build an efficient, secure and sustainable system of real estate registration, that will facilitate legal security at the real estate market and provide security for investors, through reliable registration of ownership, providing complete information of property rights, as well as ensuring up to date technical data on properties.

Determined to ensure the following:

- availability of digital data to everyone in order to ensure easy access and distribution of data,
- accuracy and quality of data in terms of their continuous maintenance and updating,
- coherence and consistency of data maintained and provided by different institutions, especially land registry offices, cadastre offices.

LAND ADMINISTRATION REFORM IN PROGRESS

- Recognizing the significance of land administration the entity governments and national level Council of Ministers support the development of the land administration sector for optimal service delivery to customers;
- Land administration sector policy and strategy in BH formulated and updated 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;
- 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 user-friendly manner
- The objective 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 and distribution;

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).

LAND ADMINISTRATION REFORM - PROGRESS

- The Doing Business 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;



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 has lead to the provision of electronic online services and eventually to electronic conveyancing;

EXTERNAL SUPPORT TO THE REFORM, others

- Bilateral Swedish donor project
“Capacity Building for Improvement of Land Administration and Procedures in BH - CILAP”
- Bilateral Norwegian donor project
- Regional Norwegian project (Norwegian support to the Wester Balkans region)
- IMPULS project (Swedish support to the Wester Balkans region)
- EU financed projects – IPA funds
- MATRA – Spatial project supported by the Netherlands (kadaster)
- Other

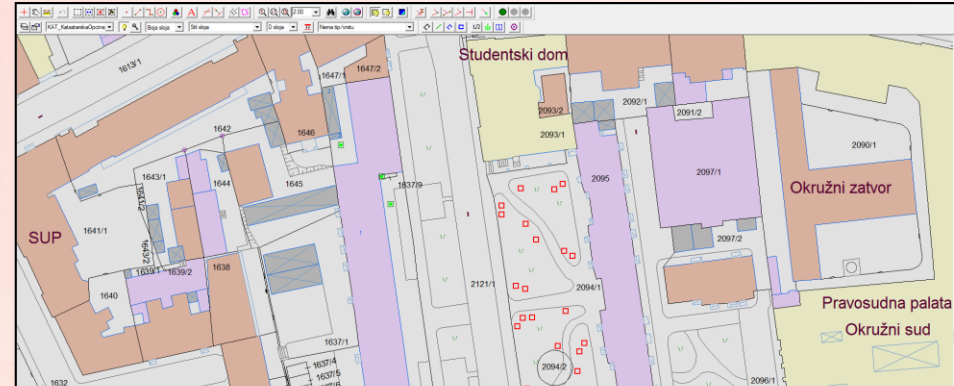


CADASTER INFORMATION SYSTEM

Katastar.ba software:

- Unique Object-Relational model.
- Over 80% data coverage graphical, 100% alphanumeric
- Central Database established
- Graphic and alphanumeric data maintenance
- GIS and workflow
- Data portal developed.

<http://www.katastar.ba/>



PREGLEDI | DJELOVODNIK PROMJENE | KATASTRSKI PLAN | ARHIVA | IZVJEŠTAJI | ADMINISTRACIJA

PREGLED PREDMETA

Novi predmet

☐ Uključi gornje uvjete

God.	Kat.općina	Protokol	Broj SP	Zahjev	Otvoren	Zaključen	[Otv. Radi Zaklj.]	Opis predmeta	Podnositelj	Stanje
2014	Gevince	08-30-67914		Izostanje parcele van gradskog građevinskog područja	07.11.2014			azizam remizos azizam remizos	Cengić Rifet Cezim	Riješenje
										<input type="button" value="Utlaz"/>
2010	Repinj	08-30-110210	110205	Pukotin	07.11.2014	07.11.2014		remizos remizos remizor	Šilubiza za geodetske i imovničko pravne poslove	Provedeno
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2005	Repinj	08-30-109005	109005	Ostale službene promjene na planu	07.11.2014	07.11.2014		remizos remizos remizor	Šilubiza za geodetske i imovničko pravne poslove	Provedeno
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2014	Reminj	08-30-67814		Dobro - promjena o katastarskom operatu	06.11.2014			nusretis nusrets	Tufekčić Mehmeda Mera	Raspoređen
										<input type="button" value="Utlaz"/>
2014	Omazaći	08-30-67714		Cipjanje parcele van gradskog građevinskog područja	05.11.2014			azizam nemirv	Hasanbegović Gano Ramiza	Raspoređen
										<input type="button" value="Utlaz"/>
2014	Repinj	08-30-67614		Promjena podatka posjednik+ vlasnika	04.11.2014			azizam nusrets	Okazić Rano Šahrim	Riješenje
										<input type="button" value="Utlaz"/>
2014	Repinj	08-30-67514		Kupoprodaja	03.11.2014			azizam remizos	Delagić Edin Nemin	Riješenje
										<input type="button" value="Utlaz"/>
2014	Gevince	08-30-67414	179712	Imovinsko pravna poslovi	03.11.2014	04.11.2014		nusrets nusrets remizos	Lusić Omeria Šaha	Provedeno
										<input type="button" value="Utlaz"/>
2014	Seara	08-30-67314		Promjena podatka posjednik+ vlasnika	31.10.2014			remizos remizos	Šilubiza za geodetske i imovničko pravne poslove	Riješenje
										<input type="button" value="Utlaz"/>
2014	Seara	08-30-67214	672114	Promjena podatka posjednik+ vlasnika	31.10.2014	31.10.2014		ismrti remizos ismrti	Šilubiza za geodetske i imovničko pravne poslove	Provedeno
										<input type="button" value="Utlaz"/>

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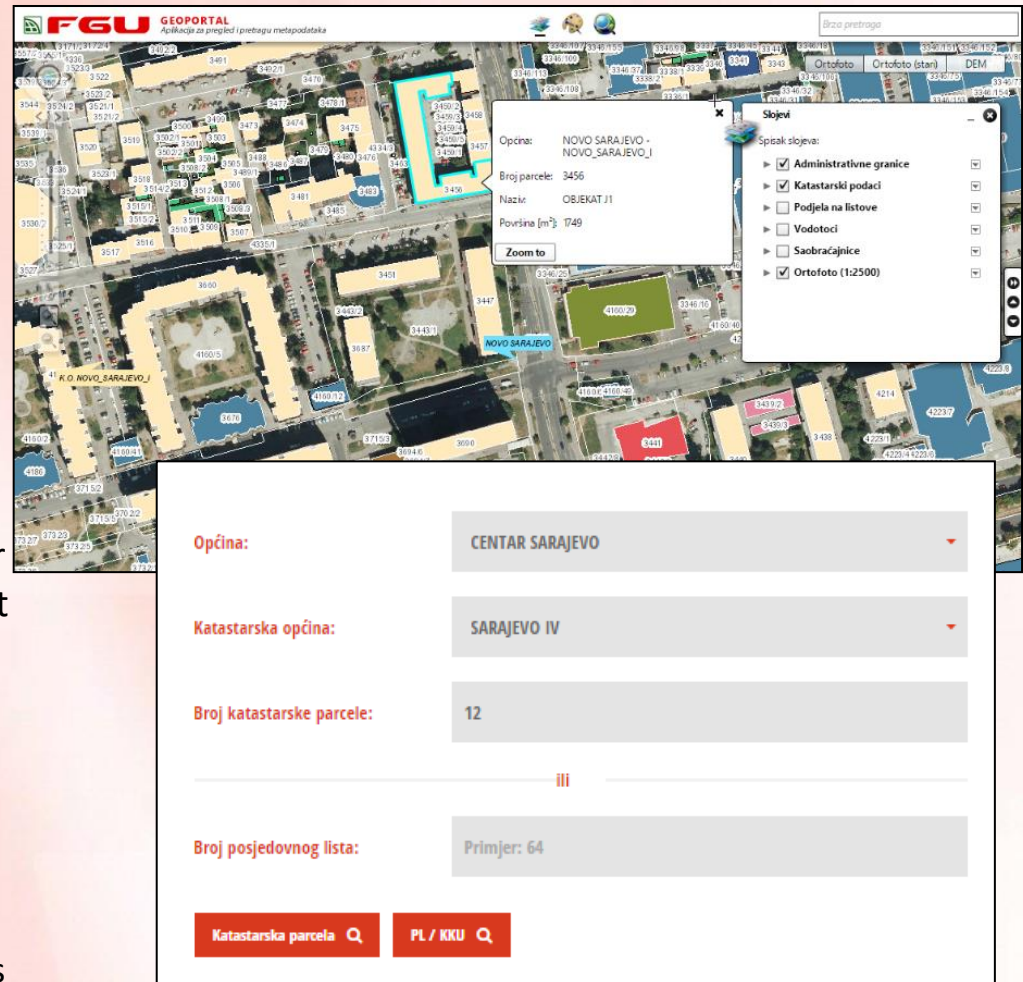
CADASTER INFORMATION SYSTEM, e-services

In operation since 2014. Steadily growing interest.

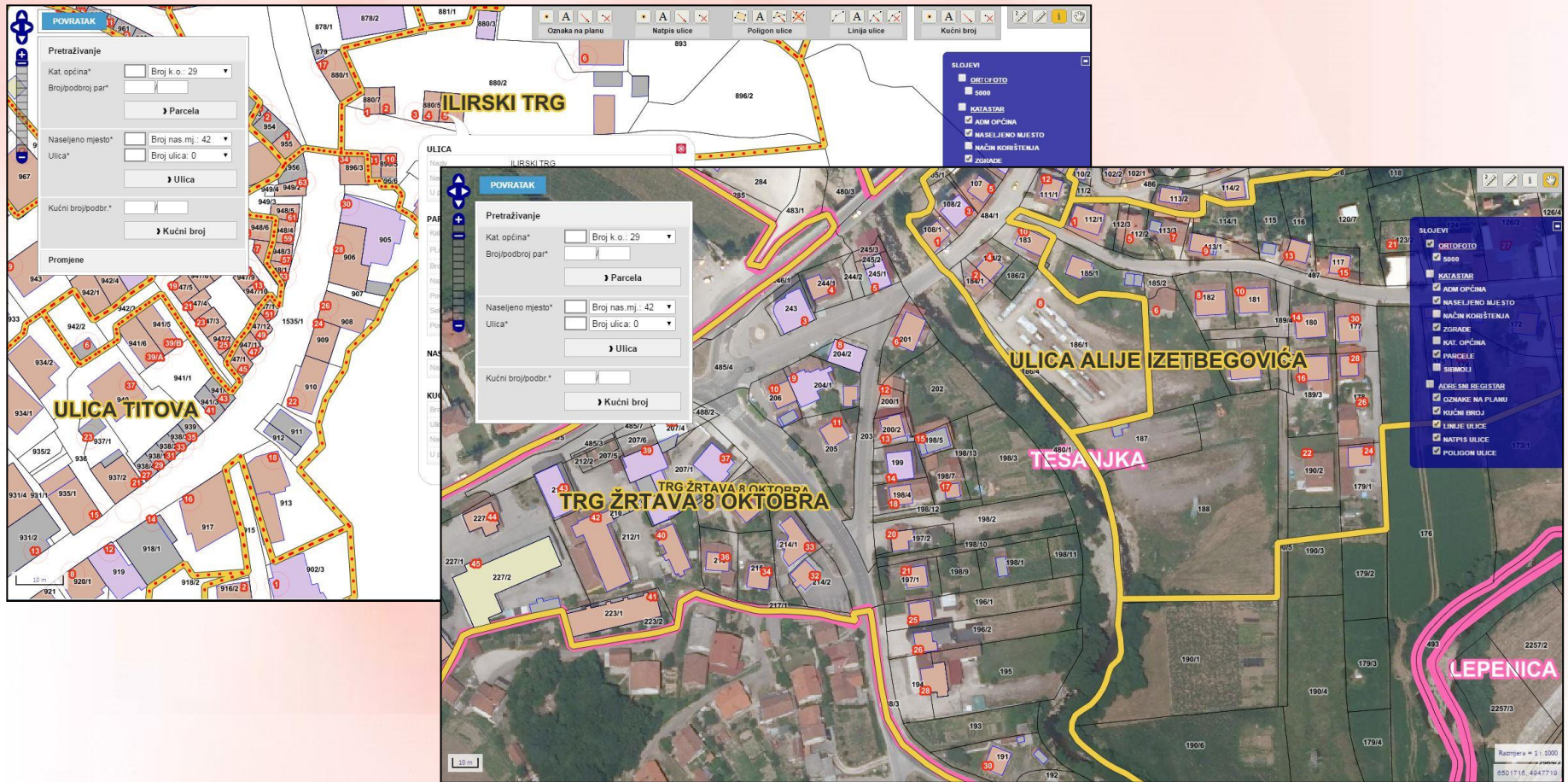
- 523 k visitors
- 12,5 mil. data views
- 7,9 mil. executed searches
- 7,3 mil. searches by the parcel number
- 555 k searches by the possession sheet
- 532 k insights in the parcel geometry
- 117 k hits on the Geoportal browser
- 457 k hits on the mobile Geoportal browser.

2019. statistics

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



OTHER INFORMATION SYSTEMS, Address register - AR



- 70 of 79 municipalities in FBH included in the project
- 25 municipalities completed
- More than 250 000 addresses available
- e-services
- data interoperability

OTHER INFORMATION SYSTEMS, Sales price register - SPR

REGISTAR CIJENA

Početna strana

MODEL A

Nova transakcija

OPĆINA: Centar Sarajevo BROJ PROTOKOLA: 69-9/2-16-4-4444/16 BROJ UGOVORA: 33/2016 CIJENA: 90.000,00 BAM STATUS: Zaključen unos

Klasifikacija po RCN: Stan

Katastarska općina: SARAJEVO VII

NEKRETNOSTI - MODEL A

Pregled za: - sve općine -

KO: -- odaberi adm. općinu --

Podklasa: - sve klasifikacije -

Status: - svi iz liste -

Period: 01.01.2017 - 23.05.2017

Datum: ☒ ugovora ☐ unosa FILTER

SVE ADM.OPCINE « sve kat.općine » datum ugovora od 01.01.2017 do 23.05.2017

PROCJENA - IZNOS/m2 - KLASIFIKACIJA

1. 24.04.2017 - 1.060,00 - Kuća

2. 24.04.2017 - 700,00 - Građevinsko zemljište sa postojećom infrastrukturom

Konstrukcija objekta: Armirano betonska konstrukcija

LOKACIJA NEKRETNOSTI

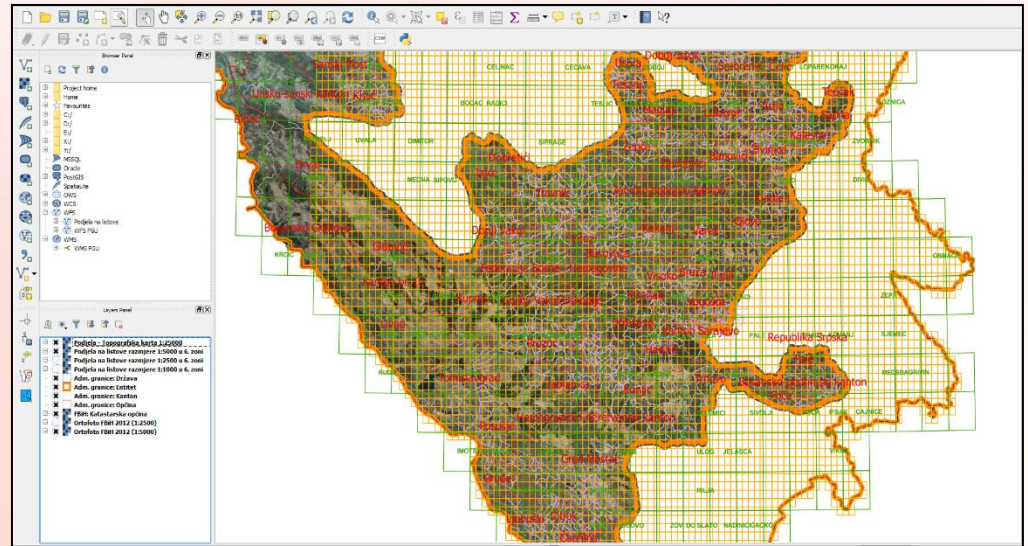
SLIKE NEKRETNOSTI

OPIS: NAPOMENA: 023.JPG

- Cadastral and Tax Authority offices
- 35 000 contracts
- Annual reports published
- Public Access (<http://www.katastar.ba/rcn>)
- Basis for property tax reform

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;
- Increase in coverage yearly;
- DB, reference scale 1:10.000



LAND REGISTRY INFORMATION SYSTEM, e-grunt

Software for all LR offices

- All locations connected to the central location and database;
- Technical precondition for merging data by electronic processes;
- Different e-services available.

The screenshot displays the e-grunt web application interface. At the top, there's a header with the e-grunt logo and user information: 'Prijavljen korisnik' (Logged in user) Bruno Stanic, Uloga: Rukovodilac (Role: Manager), and Vrijeme prijave: 28.08.2014 12:21. Below this, there's a navigation menu on the left with options like 'Pregled dnevnika', 'Centralni dnevnik', 'Pregled dnevnika', 'Pretraga', 'Detaljna pretraga', 'Unos', 'Raspodjela', 'Promjena referenta', 'Zatvaranje', 'Reotvaranje', 'Pretrage', 'Listovi', and 'Dnevnik NAR i RZ'. The main content area is divided into sections: 'Osnovni podaci o dnevniku' (Basic data about the diary) showing 'Broj dnevnika: 22' and '2014'; 'Dnevnik' (Diary) with a 'Štampaj izvještaj' (Print report) button and details like 'Broj dnevnika: 049-0-DN-14-000 022', 'Status: UPISAN', and 'Prioritet: Nizak'; and 'Zahitjevi' (Requests) showing 'Broj zahtjeva: 1'. Below these, there's a table with columns 'Rbr', 'Broj uloška', and 'KO', containing one row with values '1', '1078', and 'DRAŽEVIĆI'. The bottom section of the interface includes a 'Početna' (Home) button, a 'Pretraživanje' (Searching) section with 'ZK Ulošci' and 'Statusi predmeta' buttons, a 'Linkovi' (Links) section with a link to 'Općinski sud u Sarajevu', and an 'Izvođač' (Provider) section with the 'WISE TECHNOLOGIES' logo. On the right side, there's a 'Dobrodošli u aplikaciju za pregled ZK podataka!' (Welcome to the application for viewing ZK data!) message, followed by a description of the application's purpose and a list of data types it handles. Below this, there's a 'NAPOMENA:' (NOTE) section stating that the application is used for viewing ZK data and listing the required software: Google Chrome, Firefox, Opera, Internet Explorer, and Acrobat Reader.

Prijavljen korisnik
Ime: Bruno Stanic
Sud: Općinski sud u Kiseljaku
Uloga: Rukovodilac
Vrijeme prijave: 28.08.2014 12:21

Izabran dnevnik
Broj dnevnika: -

Pomoć
[Korisnički priručnik](#)
[Federalno ministarstvo pravde](#)

Pregled dnevnika
Centralni dnevnik
Pregled dnevnika
Pretraga
Detaljna pretraga
Unos
Raspodjela
Promjena referenta
Zatvaranje
Reotvaranje
Pretrage
Listovi
Dnevnik NAR i RZ

Osnovni podaci o dnevniku
Broj dnevnika: 22 2014
Traži

Dnevnik
Štampaj izvještaj
Broj dnevnika: 049-0-DN-14-000 022
Status: UPISAN
Prioritet: Nizak

Zahitjevi
Broj zahtjeva: 1

Rbr	Broj uloška	KO
1	1078	DRAŽEVIĆI

Početna
Pretraživanje
ZK Ulošci
Statusi predmeta
Linkovi
[Općinski sud u Sarajevu](#)
Izvođač
WISE TECHNOLOGIES
Vision of Tomorrow

Dobrodošli u aplikaciju za pregled ZK podataka!
Online aplikacija zemljišnoknjižnog registra služi za uvid u elektronsku bazu podataka i ima informativnu namjenu. Baza sadržava:

- podatke iz katastarskih općina u kojima je izvršen prijenos,
- podataka iz evidencije katastra nekretnina,
- podatke koji su do sada ručno unešeni iz zemljišnih knjiga i
- podatke prenesene iz elektronske baze Knjiga Položenih Ugovora.

Baza podataka ne uključuje podatke čije prikazivanje nije sukladno tumačenju Zakona o zaštiti osobnih podataka. Prikazani podaci zemljišnoknjižnog uloška imaju isključivo informativni karakter i ne smatraju se službenim dokumentom. Za zvanične zemljišnoknjižne izvratke je potrebno obratiti se nadležnom zemljišnoknjižnom uredu.

NAPOMENA:
Za korištenje ovog servisa neophodno je upotrebljavati jedan od sljedećih programa:

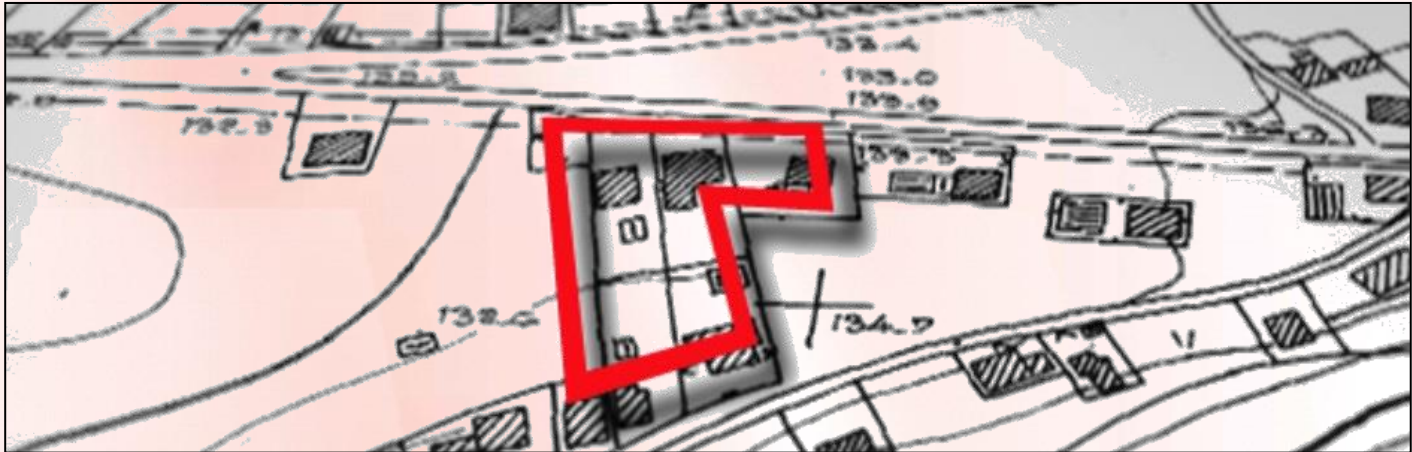
- Google Chrome (sve verzije)
- Firefox (sve verzije)
- Opera (sve verzije)
- Internet Explorer verzija 6 ili viša

za pregled izvadaka:

- Akrobat Reader verzija 6 ili viša

INTEGRAL INFORMATION SYSTEM ON REAL ESTATE

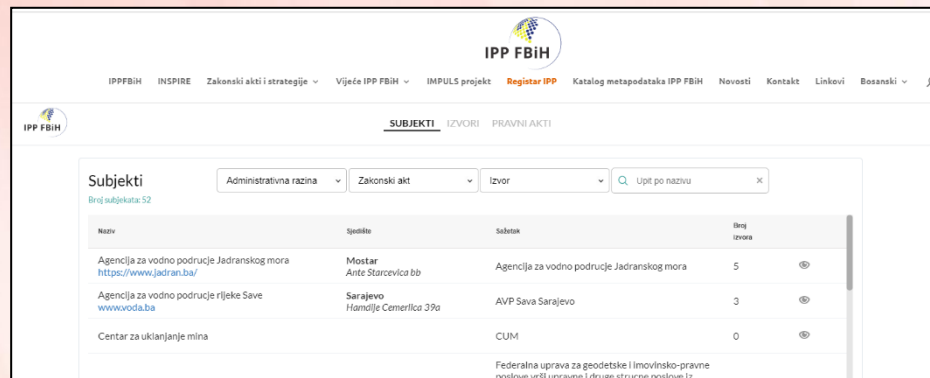
- Inter institutional activity
- Interoperability of the land registry and cadastre systems – ongoing activity;
- Enable access to integral information on real estate across the Federation of BH;
- Changes in current regulations are needed for full usability ;



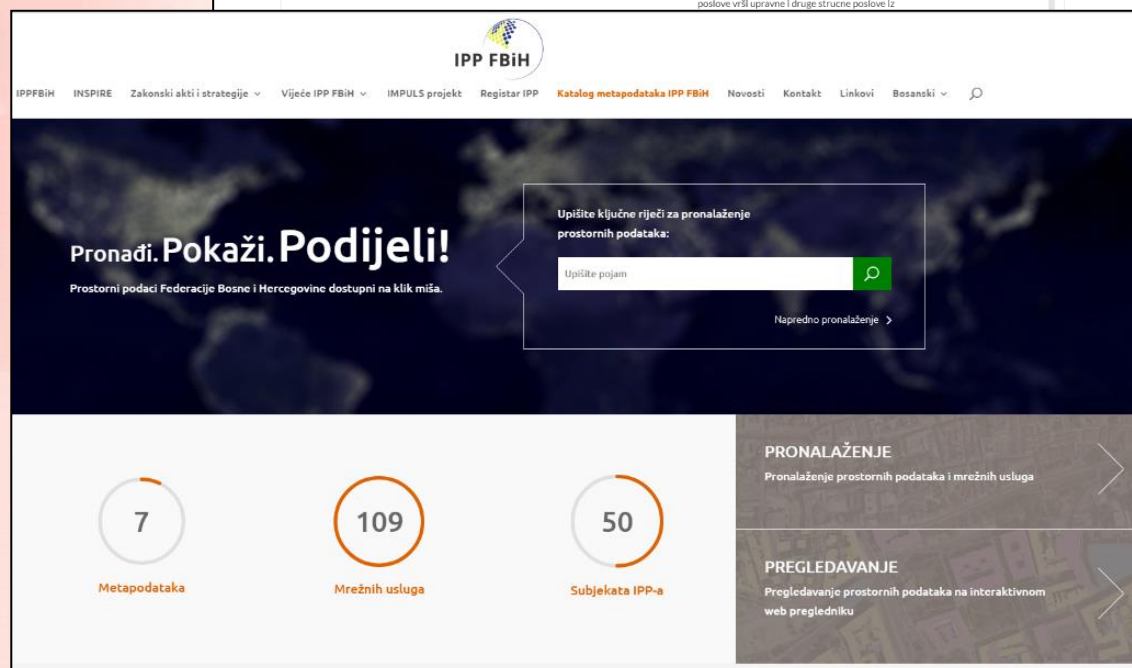
SDI implementation in Federation BH

- Web applications of Register of SDI Subjects of FB&H,
- Spatial Data Sources Register and
- Metadata Editor introduced
- Work on data harmonisation
- SDI portal

More work ahead with stakeholders!



Naziv	Adresa	Sadržaj	Broj izvora
Agencija za vodno područje Jadranskog mora https://www.jadran.ba/	Mostar Ante Starčević bb	Agencija za vodno područje Jadranskog mora	5
Agencija za vodno područje rijeke Save www.voda.ba	Sarajevo Hamdije Čemerlića 39a	AVP Sava Sarajevo	3
Centar za uklanjanje mina		CUM	0



Pronađi. Pokaži. Podijeli!
Prostorni podaci Federacije Bosne i Hercegovine dostupni na klik miša.

Upišite ključne riječi za pronalaženje prostornih podataka:

Upišite pojam

Napredno pronalaženje >

7
Metapodataka

109
Mrežnih usluga

50
Subjekata IPP-a

PRONALAZENJE
Pronalaženje prostornih podataka i mrežnih usluga

PREGLEDAVANJE
Pregledavanje prostornih podataka na interaktivnom web pregledniku

Incoming focus:

1. Mass valuation of real estate in the Federation of FBiH
2. Continued harmonisation of Cadaster and LR data
3. Stronger support to NSDI
4. Systematic data gathering, maintenance and distribution of data on utilities
5. Modernisation and upgrade of positioning system
6. Increase in coverage of basic topographic data

CONCLUSIONS

- Land administration services are recognized as an essential component of the infrastructure for the benefit of the general public;
- Customer awareness and a need for value for money are recognized as important drivers of change. Building a quality e-government;
- Continued evidence of the digital transformation in the Federation of Bosnia and Herzegovina is the increased exchange of data via web services with different authorities and local governments that raises the efficiency of work in land administration;
- 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 easy-to-use customer service;

CONCLUSIONS

- Land Administration Sector significantly contribute to secured tenure rights, an efficient property market, the European Union (EU) integration process and overall economic and social development and growth;
- An efficient land administration is equally important for central and local government to provide information for development of sustainable land use, environment and for provision of land for urban and rural development;
- The professionals and general public in BH have significantly better accessibility, trough e-services, to FGA and RGA information which significantly facilitate their everyday work, ensure transparency and prevent possible corruption.

Thank you for the attention.



Ready to answer your questions.