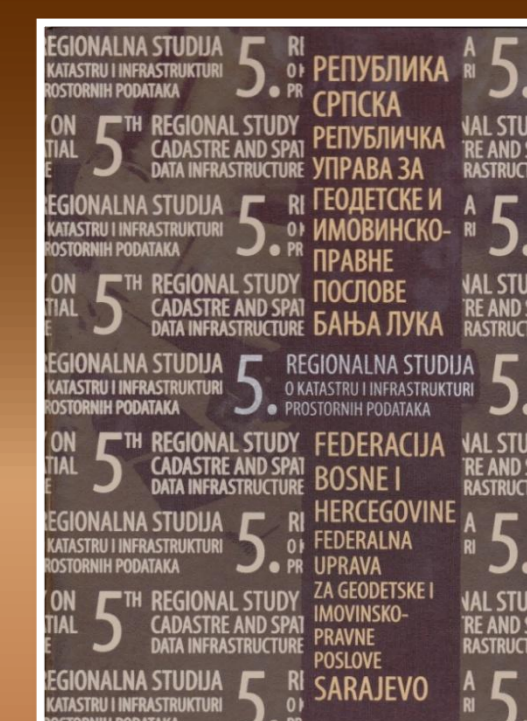




# INSPIRATION

## 5th Regional Cadastre and SDI Study 2012

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### Introduction

On 8th & 9th June 2012 in Banja Luka and Laktaši the 5th Regional Conference on Cadastre and Spatial Data Infrastructure (SDI), organized by the Bureau for Geodetic and Property Relations of Republic Srpska (BL) and Federal Geodetic Administration of the Federation Bosnia and Herzegovina (SA) with the support from the Inspire Project Consortium, has been held.



Countries participating in regional cooperation on cadastre and SDI (areas of NMCA's responsibilities)

For this Conference, traditionally, 5th Regional Study on Cadastre and SDI has been prepared. Aim of this, same as previous four studies, was to provide an overview of status and development of cadastre, SDI and other important fields of activity which are of interest of land administration authorities (LAA's) in the region and broader. Additionally, in each Study an overview is given, providing status, progress or analysis of topics and themes which will be discussed on the annual regional conference.



Conference participants group photo

On the Conference, attended by 250 participants from 16 countries and 5 international institutions, 23 presentations have been presented and Conference ended with adoption of Conference conclusion.

### Methodology

The authors of this Study got a task to provide a Regional Study which will give an overview of the Land Administration System and Spatial Data Infrastructure in the countries of the region with the emphasis on several topics which are defined each year with regard to their relevancy and interest of participating institutions. For this purpose questionnaire has been compiled and distributed among the participating institutions.

To execute this task, each institution was represented by a member of the Permanent Technical Committee of the Regional Conference on Cadastre and Spatial Data Infrastructure, as follows:

- o Mr. Qhevair Llakay (TI)
- o Ms. Lidija Krstevska (SK)
- o Mr. Dragan Macanović (BL)
- o Ms. Antonija Sikimić (SA)
- o Mr. Muzafer Qaka (PR)
- o Ms. Mirjana Ljumović (PO)
- o Mr. Saša Đurović (BG)
- o Mr. Dejan Blažeka (ZG)
- o Mr. Tomaž Petek (LJ)

Beside the work on the questionnaire, the listed institutional representatives served as the main contact persons between the institutions and the consultants preparing the Study. The INSPIRATION Project Consortium was represented by Mr. Ivica Skender who contributed to the preparation of the questionnaire and worked on the study. The work was done by means of electronic (internet) and oral (two meetings of Permanent Technical Committee in Sarajevo on March 27th and Banja Luka on May 18th) communication.

We use this opportunity to express our sincere gratitude to the persons with whom we have worked on this study and wish to thank everybody for their involvement and contribution. This applies foremost to all the colleagues from the Permanent Technical Committee, but also to the directors of the involved institutions for their support and release of capacities to work on the questionnaire as well to other colleagues who have participated in this work.

### LA institutions contribution to sustainable development

In order of appearance, **Republic Geodetic Authority of Serbia** presented activities on establishment of Real-Estate Cadastre in Republic of Serbia. Especially reasons for the real-property cadastre establishment and works related to the digital cadastral map production have been explained.

The **Bureau for Geodetic and Property Relations of Republic Srpska (RGURS)** focused its activities on development of Spatial Data Infrastructure on Republica Srpska by modernization of geospatial data management. This should be achieved through GIS RGSURS implementation, adoption of new INSPIRE compliant Law on Survey and Cadastre of Republic Srpska and establishment of RGURS Geoportal. Beside mentioned activities RGURS is actively supporting the Government of Republic Srpska in execution of capital national infrastructure projects through efficient running of geodetic-technical works and solving property-legal relations for them.



Highway construction in Republic Srpska



Real-Property Census web-site in Slovenia

The **Geodetic Authority of Republic of Slovenia** has presented their activities conducted for more than a decade focused on introduction of property taxation in Slovenia. For this purpose cadastral data have been digitalized and improved. The Real Property Census has been conducted in 2007 resulting in establishment of Real Estate Register in 2008. In 2010 the project "Informing owners on the real estate value calculation has been launched and on the end of year 2011 Slovenia completed its Real Estate Register.

The Government of Montenegro is preparing construction of the highway Bar-Boljari an Adriatic-Ionian highway. To enable efficient execution of those projects the **Montenegrin Real Estate Administration** launched comprehensive activities on establishment of real estate cadastre on highway routes. Those activities are supported by the State budget and WB loan and include in total 512. 050 ha which represent 78,15% of the unsurveyed territory of Montenegro.

The **Kosovo Cadastral Agency (KCA)** conducted major cadastre development project has with the support of the WB under the Business environmental technical assistance framework. This successful project included following subcomponents: Associated Registration improvement, Land Policy and Legal Framework, Support for registration of property rights, Cadastre reconstruction, and Building Cadastre.

The **Federal Geodetic Authority of BiH Federation (FGU BiH)** presented two major activities: Expropriation Project for the Vc Corridor Highway (for the BiH Federation area) and BiH Population Census Project. Not only for purpose of those two mentioned activities FGU BiH has, supported by European Union IPA grants 2007 & 2008, established permanent GNSS network called BiHPOS, consisting out of two sub networks FBIHPOS and SRPOS, which become operational in early 2012. Parallel to this Digital Orthophoto Maps have been produced for whole territory of BiH in resolution of 50cm, and for urban areas in resolution of 25 cm.

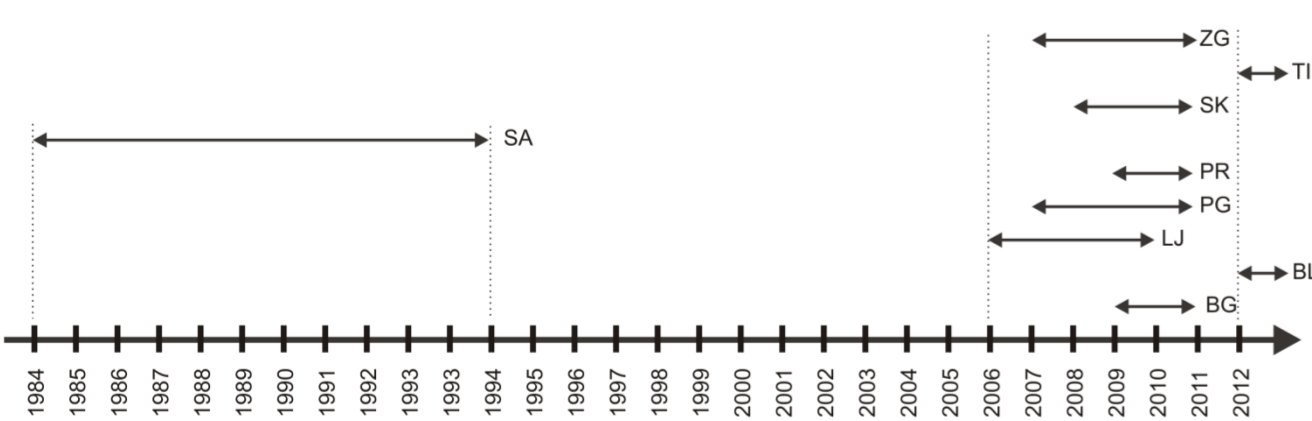
The **Agency for Real Estate Cadastre of Macedonia** focused its activities in past years on execution of "Real Estate Cadastre and Registration" Project. In frame of this project there were major improvements in AREC's organization achieved which have enabled Macedonia to become leader in modernization of Land Administration. Mentioned has also been recognized by the World Bank. As a result of the outputs from the implemented reforms in AREC, at the end of March 2010, the Management of the World Bank announced the winner of the third annual competition 'Improving the Lives of People in Europe and Central Asia Region' 2010.

Croatia, being in front of becoming member of the European Union, tackled number of issues relevant to become successful member of EU. One of those issues is also legalization of the illegally built buildings in the past. For that purpose, **State Geodetic Administration of Croatia** gave lot of attention on development of the Building cadastre. Since Croatia does not have such register, solutions for its establishment have been worked out in SGA. The basis for it should be existing cadastre records, data collected for 2011 census and Digital Orthophoto Maps produced by SGA.

### Results / Findings

The 2012 Regional Cadastre and SDI Study contains lot of information about the Land Administration systems and responsible national institutions. Since all of them can not be presented on this poster, we will focused only on some of them to give impression about the Study.

Emphasis in 2012 Study, beside projects devoted to support own governments efforts in sustainable development which are described in special part, were on Land Administration systems legal framework and implementation of improved (about LA) or new (about NSDI) legislation.



Adoption period of valid main legislation

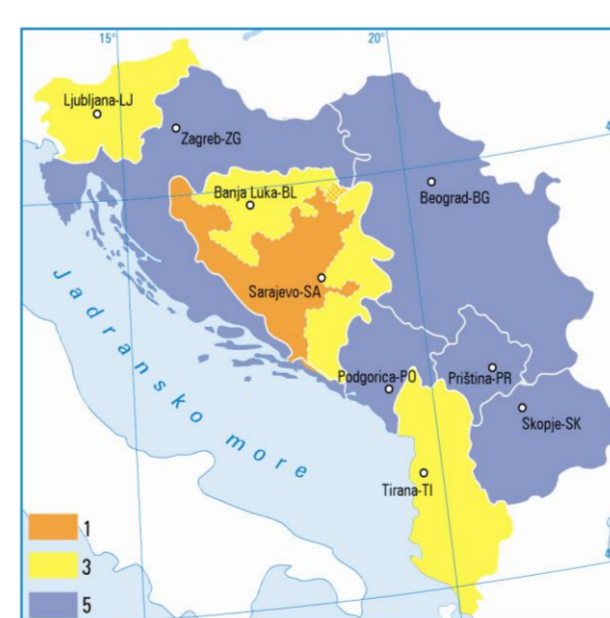
Picture above is showing that majority of countries have recently adopted new legislation about cadastre and mapping. The situation with the secondary and special topic legislation is much more complex. One of the important issues in all countries for example is legalization of illegally built houses and building.



Legislation about legalization of informal building and settlements



Number of institutions responsible for Key Registers



Number of registers under the authority of the LAS regional institutions

Another specially treated topic in this Study was status of Key Registers. The answers to the questions in the questionnaire clearly show that key registers have been established in all countries of the region. However, the institutions defined by law that are in charge of the key registers differ both in the number and description of their tasks. In line with the current trends, all regional countries have adopted the strategies to develop the e-Government. It is interesting that the valid strategic e-Government documents were adopted in 2009 (for BG, BL, PG, PR, SA and TI). Functional Key Registers and concurrently good e-services are essential for usage expansion of e-services in the Government, economy and citizens. Comparison of geographic coverage and completeness of cadastre data provided by e-services in 2009 and 2012 is given below.

