

Content

Implementation of Integrated Land Administration System - IISZA



III. Congress on Cadastre in B&H



The project ELF - European Location Framework presented



The project "Implementation of Integrated Land Administration System" - IISZA completed

The State Geodetic Administration (SGA) and the Ministry of Justice (MJ) have been working on the mutual project "Implementation of Integrated Land Administration System" since 2012 - IISZA in order to accelerate the efficiency of the land administration system of the Republic of Croatia. The total value of the project is 4,9 million Euro, and it was funded from the Pre-Accession Assistance Fund IPA I 2010 and from the budget of the Republic of Croatia.

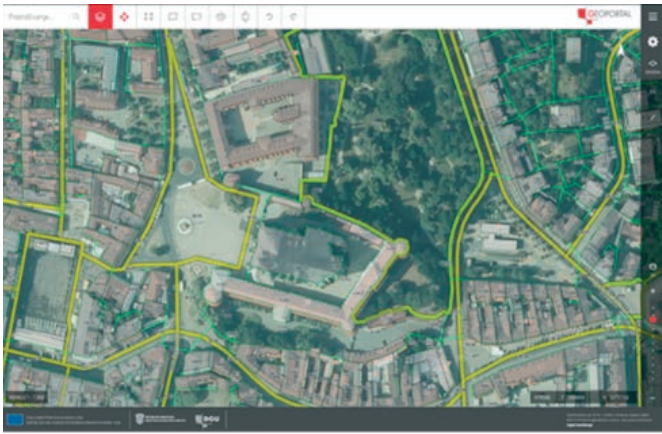
The preparation of the project started in September 2009 with the invitation of the Central Office for Development Strategy and Coordination of EU funds (today a part of the Ministry of Regional Development and EU funds) to the state authorities to propose the projects that would be funded from IPA I programme in 2010. Out of altogether 66 proposed projects with the value of 123,73 million that exceeded largely the available funds of 39,5 million Euro, the project IISZA was accepted. For the purpose of preparing and monitoring the implementation of the project, the director of SGA in his capacity as the head of the programme organised a Unit for Project Implementation with the employees of SGA and MJ engaged in its work. The project was performed according to two services agreements and five contracts for the supply of goods. The contracting procedure lasted one year, and the implementation of contracts for the following two years.

Services Agreements

The Agreement "Support for Individual Reconfiguration and Establishment of Digital Archives of Land Registry intended for ISZA Implementation" with the total value of 1.661.600 Euro was conducted by the consortium IGEA d.o.o., IN2 d.o.o., Croz d.o.o., Mikrocop d.o.o. and the Kadaster International from the Netherlands. The Agreement consisted of two components: individual reconfiguration and digital archives. The component of individual reconfiguration encompassed the preparation of applicable solution integrated with the Mutual Information Land Registration System and Cadastre for the purpose of performing individual reconfiguration of land registry and cadastral ►



The team of SGA for the agreement "Support to the Establishment of ISZA Components in SGA"



SGA Geoportal and NSDI Geoportal

► data into Land Data Basis – LDB. In order to do so, the coordination of land registry and cadastral data was analysed at the territory of 247 cadastral municipalities. The obtained data provide the basis for the development of business processes for individual reconfiguration and for proposing legislative changes needed in organising and implementation of these business processes. The component of digital archives encompassed the scanning of 12,5 million pages in 31 Land registry offices, the establishment of the central databases of land registry archives, and the development of information system for the access to digital archives. The purpose of this component was to provide the preservation of the archival, manually kept land registers and to accelerate the business processes at the same time. The public was provided the insight into the results of this agreement on 3. November 2015 in the hotel Westin in Zagreb.

The Agreement “Support for Individual Reconfiguration and Establishment of Digital Archives of Land Registry Intended for ISZA Implementation” with the total value of 1.970.000 Euro was conducted by the consortium of the companies IGEA d.o.o., IN2 d.o.o., Institute for Photogrammetry d.d. and Kadaster International from the Netherlands. The goal of the Agreement was to accelerate the efficiency of business processes in SGA through the implementation of the following components:

- the initiation of the process of cadastral plan homogenization at the territory of 106 cadastral municipalities, and the production of technical specifications
- the development of web-GIS Address Register System that integrated alphanumerical and graphic data of regional units in the Republic of Croatia
- the supplementation of SGA Geoportal with new data sets, functionalities and web services, and the establishment of Geoportal NSDI

- the introduction of new electronic administration of documents in second-instance procedures.

The following results have been obtained on the basis of this Agreement:

1. The cadastral plans at the territory of 106 cadastral municipalities have been homogenized, and the technical specification and tender documents prepared for the future homogenization at the territory of the Republic of Croatia.
2. The Web-GIS system of the Address Register has been developed (the migration of alphanumerical database into new GIS system has been done; the written data have been integrated with the graphical data about house numbers and buildings and organisational regional units of RPJ; about 1.600.000 house numbers and buildings have been spatially recorded; business and graphical web services have been developed that will provide easier access to addresses and organisational regional units of the Republic of Croatia by means of SGA Geoportal).
3. SGA Geoportal has been enhanced and the Geoportal of National Spatial Data Infrastructure developed in accordance with the requirements of the INSPIRE Directive.
4. The system for electronic document management in second-instance procedures using DMS (Document Management System) platform has been developed and installed.

The analysis of the existing state has been made for all components in the initial phase, and in the final phase, the education of employees was performed in order to help them acquire the necessary knowledge for future work in all four components.

The ceremony of concluding this agreement was held on 30. September 2015, and the contract was successfully completed on 4. December 2015 when SAFU accepted the Final Report.

Agreement for supply of goods - “Supply of Needed IT Equipment and Building of IT Infrastructure Needed by ISZA”

Since the implementation of the integrated land administration system would not be complete without purchasing the adequate equipment, all needed IT equipment has been supplied and IT infrastructure built on the basis of five agreements for supply of goods with the value of 769.490 Euro for SGA, and with the value of 508.716 Euro for MJ.

The data storage system for the data centre has been purchased for SGA, and the information and electro energy infrastructure has been installed on 28 locations of cadastral offices. The central system of digital archives has been equipped for MJ, and computers and printers have been purchased for 71 land registry offices.

Sanja Zekusić



The workshop within the frame of the agreement “Support for Individual Reconfiguration and Establishment of Digital Archives of Land Registry intended for ISZA Implementation”

III. Congress on Cadastre held in Mostar in B&H

III. Congress on Cadastre was held in the hotel Mostar in Mostar, B&H from 2. to 4. 12. 2015. The Geodetic Society of Herzeg-Bosnia that celebrates its 20. anniversary of successfully activity this year held its Annual Assembly within the scope of the Congress. On that occasion, all members who had contributed in the significant success were granted special acknowledgements. The gathering was welcome by the invited guests, and in the name of the State Geodetic Administration, the participants were addressed by the deputy director, Mr. Vladimir Majetić.

The working part of the Congress was organised in two days within six thematic units, i.e.:



- Presentation of the activities of the Federal Administration for Geodetic and Property Affairs
- Project CILAP and IMPULS – the overview of activities and results
- Infrastructure of spatial data
- Registration of properties and rights to real estates
- Geodetic bases
- Support to social processes.

The Congress that was organised at a very high level was attended by 300 participants. It should be pointed out how a seemingly small society (less than 100 members) has shown in the last 20 years that high results can be achieved even with such a small number of members due not only to its leaders, but also to all members who are fond of their profession.

Ivan Landek

Activities on the project IMPULS – November 2015

The Central Office for the Registration of Real Estates of the Republic of Albania –IPRO organised in Tirana, Albania in the period from 17. to 19. November 2015 the workshops for the operational packages of IMPULS project.

The representatives of the institutions that use IMPULS project from Kosovo, Albania, Serbia, Bosnia and Herzegovina, Macedonia, Montenegro, as well as the representatives of the State Geodetic Administration and Lantmäteriet, Sweden participated at the workshops.

The State Geodetic Administration as the younger partner of Lantmäteriet on the project IMPULS participated by engaging its experts in individual fields, i.e. experts for operation project packages, i.e.: Sanja Zekušić as the representative of the management team, Ljerka Marić as an expert for WP2 – Data Exchange, Tomislav Ciceli as an expert for WP5 – Announcement/Dissemination, and Igor Vilus as an expert for WP3 – Harmonization of data.

*Sanja Zekušić, Ljerka Marić,
Tomislav Ciceli, Igor Vilus*

The project ELF – European Location Framework presented

The workshop titled “Contribution to the European Location Framework – ELF, the competent source of pan-European data sets and web services” was held from 9. to 11. November 2015 in Banja Luka. The workshop intended for decision makers and technical experts from the member institutions of EuroGeographics in the area of the Western Balkans was organised by the Republic Authority for Geodetic and Real Property Affairs of the Republic of Srpska in collaboration with IMPULS project.

The participants had the chance to learn about regional activities within the frame of IMPULS project, and after that, Mr. Saulius Urbanas and Mr. Marcin Grudzien from EuroGeographics spoke about various aspects of ELF project. For the purpose of generating ELF products and services, the representatives from Albania, Serbia, Republic of Srpska, Kosovo, Montenegro and Croatia were asked to deliver the detailed information about the existing products and services that could be used in the project. In this respect, the participants presented their national geoportals, and the Croatian geoportal was presented to the participants by Mr. Igor Vilus, the head of the Department for Cartography in SGA.

Ivana Šimat



Workshop EuroSDR/ISPRS

EuroSDR (European Spatial Data Research) and ISPRS (International Society for Photogrammetry and Remote Sensing) organised the workshop titled “Oblique cameras & Dense Image Matching”. The workshop was held in the main building of the Ordnance Survey in Southampton.



The workshop was organised by the members of EuroSDR and ISPRS: Fabio Remondino (FBK Trento – Italy), Norbert Haala (University of Stuttgart – Germany), Norbert Pfeifer (TU Vienna – Austria) and Markus Gerke (ITC/Twente Univ. – the Netherlands).

There were six thematic sessions held in two days where the new achievements in the area of digital cameras development, of digital orthophoto production (without shadows), as well as of three-dimensional presentation of cities were presented;

1. Benchmarks, oblique sensors and workflows
2. Advancements in data acquisition and processing
3. NMCA experiences
4. Advancements in data processing (I)
5. Advancements in data processing (II)
6. R&D and experiences.

The workshop was organised under the sponsorship of large companies; Leica HEXAGON, AEROWEST, ULTRACAM, nFrames i VISIONMAP. There were 98 experts from the scientific field, public institutions and private companies participating at the gathering.
Ivan Landek

Visit of the Civic Association of Surveying Profession “GEODET” from Tuzla

Eleven members of the Civic Association of Surveying Profession “GEODET” from Tuzla visited the Central Office of the State Geodetic Administration within the frame of their study tour on 5. 11. 2015. The guests were welcome by the deputy director, Mr. Vladimir Majetić who talked about the scope of activities of the State Geodetic Administration. The employees of the State Geodetic Administration made four presentations on this occasion:

- Tomislav Ciceli: “Development of NSDI in the Republic of Croatia“
- Maja Pupačić: “Development of LIS in the Republic of Croatia“
- Ivan Landek: “Official Cartography in the Republic of Croatia“
- Saša Cvitković: “Enhancement of SGA Geoportal“.

The presentations were followed by an interesting discussion and exchange of experience with the dear colleagues from Tuzla.
Ivan Landek



Peace Light of Bethlehem 2015

The representatives of the Croatian Scout Association, Ms Darija Kralj and Tamara Karlović brought on 15. 12. the Peace Light of Bethlehem to the State Geodetic Administration. The Peace Light was brought by Austrian scouts from the Cave of Jesus’ Birth in Bethlehem, and after the Vigil Mass in Vienna, it was transported by the scouts from the whole world to their countries.

The scouts were received by the deputy director, Mr. Vladimir Majetić who gave them new topographic maps of Zagreb as a sign of gratitude. During the short meeting, the long lasting cooperation between the Croatian Scout Association and SGA was mentioned, as well as the wish for its continuation in the year to come.
Editorial Board