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BESTSDI – Western Balkans Academic Education
Evolution and Professional's Sustainable
Training for Spatial Data Infrastructures

*With the support of the Erasmus+ program:
Higher Education – International Capacity Building
N° 574150-EPP-1-2016-1-HR-EPPKA2-CBHE-JP*

BESTSDI Final Report

Task 4.5.6: Country regulation rules

Version 1.0

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1 Introduction

The goal of **Work Package 4 (WP4): Dissemination & Exploitation** is the efficient dissemination of project results and information about BESTSDI activities in partner countries but also in the whole region and beyond. This dissemination should raise the general knowledge about BESTSDI and SDI education and its application in the target sectors (data management and SDI users), to increase awareness of the project and its results within its main target groups (students, institutions professionals and external universities) and to assure that the project results will be maintained and further developed after the completion of the project. It has also the goal to define a future exploitation model between partners and prepare the consortium partners for future projects.

WP4 covers the entire project period, but intensive activities will be conducted in year 2 and 3 of the project lifetime, namely when products and results will be available for dissemination and exploitation. This gives time to develop dissemination and exploitation activities focused on target groups in relation to the types of products and materials the project will produce.

WP4 includes activities aiming at the development of a Communication Plan (Task 4.1) and Dissemination & Exploitation Plan (Task 4.4).

The dissemination & exploitation is carried out by WP4 that is split into five tasks:

Task 4.1 – Development of a Communication Plan

Task 4.2 – Life-long learning (LLL) courses for professionals

Task 4.3 – Production of dissemination material

Task 4.4. – Development Plan for Dissemination and Exploitation of Results (DER)

Task 4.5. – Dissemination and exploitation execution

WP4 expected results are:

- Internal and external communication is highly recognizable by all target groups;
- sufficient number of professionals attended the LLL courses developed by the project and are able to act as multipliers for promoting SDI and development of an a sustainable LLL model;
- Products and materials for dissemination and exploitation has been developed, produced and distributed;
- Execute the development and exploitation plan ensuring expected effects on target groups as planned;
- A model for future usage of products and material, as well as future cooperation has been developed.

Milestones for WP4 will be:

- PMB meetings held, foreseen documents approved (M12)
- LLL courses held (M24 - M30 – M36)



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- Documents and material disseminated at foreseen events (years 2 and 3 of project, M36)
- Consortium agreements signed (M30)
- Final conference held (M36)



2 Task 4.5 Dissemination and exploitation execution

Based on TG4.4 developed Plan for Dissemination and exploitation of Results (DER) and TG4.3 produced materials for dissemination and exploitation of the project results TG4.5 will in coordination with project partners be responsible for execution of mentioned Plan, providing support to partners, taking care for sufficient material available and monitor execution of exploitation. Monitoring will be done on four levels, globally on project level, national level, partner level and specifically National Stakeholder Coordination level. Further support will be provided to partners organizing own events through consultation and looking for project internal and external lecturers or additional materials (dependable on available resources of project partners). TG4.5 will support work of TG5.3 National Stakeholder Coordinators in their specific promotional part of activities towards external SDI stakeholders. TG4.5 will also prepare Consortium agreement of future use of project products and materials as well as future cooperation in projects. The persons dealing with the execution of this task are the task leader, the task deputy leader and representatives of partners contributing to the task. The contact information of these persons are as follows::

Table 1 - Task Group 4.5 of WP4

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Task leader	Gjorgi Gjorgiev	UKIM Skopje (P04)	gorgi.gjorgiev@gf.ukim.edu.mk;
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Member;	Milorad Janić	UNI Beograd (P14)		milorad.janic@sfb.bg.ac.rs
Member	Aleksandar Ristić	UNI Novi Sad FTS (P15.1)		aristic@uns.ac.rs
Member	Martina Vojnić Purčar	UNI Novi Sad FCE (P15.2)		vojnicmartina@gmail.com

The persons dealing with the execution of this task are the task leader, the task deputy leader and representatives of partners contributing to the task.

Each partner is involved in all dissemination activities. Methods of promotion among attendees of teaching courses organized at partner universities, and among professionals attending LLL courses will be worked out. Partners have to identify the main stakeholder groups in their countries, which are interested in dissemination activities.



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Dissemination materials were regularly updated to provide target groups with the latest project status and achievements. All produced materials were used the BESTSDI logo and Erasmus+ Programme logo, and will contain the official disclaimers required by the EU, namely:

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- Disclaimer (article I.10.4) "The European Commission support for the production of this publication does not constitute endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein". The disclaimer is available in the different European languages at the following link:

http://ec.europa.eu/dgs/education_culture/publ/graphics/beneficiaries_all.pdf

Although the official language of the project is English, the project aims at providing dissemination materials in the different languages of the partner countries where this is possible.

Most of the performance indicators are quantifiable and Dissemination impact will be measured partly by directly measurable indicators (number of attendees) and partly by indirectly measurable indicators (web site visitors, etc.).



3 TG 4.5.6 Country regulation rules

From all partner countries necessary relevant information has been collected.

3.1 NSDI Regulation and organization -Croatia

National regulation:	Zakon o Nacionalnoj infrastrukturi prostornih podataka (Law on National Spatial Data Infrastructure)
Published in:	Official Gazette 56/13, 52/18;
Adopted:	14.06.2018.
Available at:	https://narodne-novine.nn.hr/clanci/sluzbeni/2013_05_56_1135.html

Bylaws & relevant documents:	Registar subjekat NIPP-a (published 09.01.2018.)
	Registar izvora prostornih podataka NIPP-a (published 09.01.2018.)
	Specifikacija metapodataka NIPP-a v.2.1 (published 28.11.2011.)
	List of annual INSPIRE execution reports in Republic of Croatia (2014.-2019.)
Available at:	http://www.nipp.hr/default.aspx?id=13

Strategic document:	Strategija Nacionalne infrastrukture prostornih podataka 2020. i Strateški plan Nacionalne infrastrukture prostornih podataka za razdoblje 2017.-2020. (Strategy of National Spatial Data Infrastructure 2020. And Strategic Plan of National Spatial Data Infrastructure for the period 2017.-2020.)
Adopted:	22.09.2017.
Available at:	https://narodne-novine.nn.hr/clanci/sluzbeni/2017_09_96_2205.html

Organisation of NSDI in Croatia:

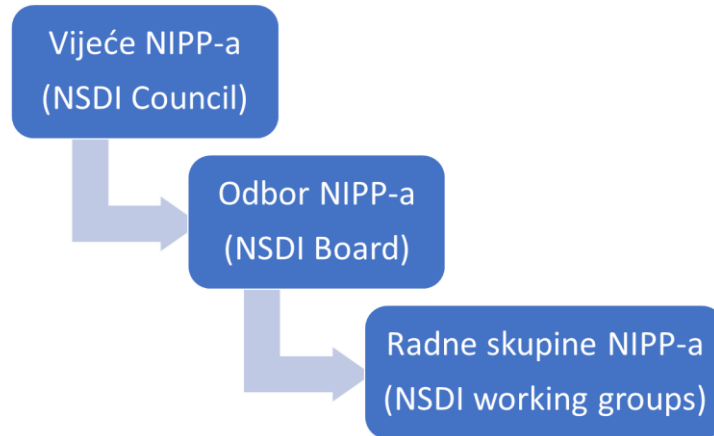


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3.2 NSDI Regulation and organization -Serbia

National regulation:	Zakon o Nacionalnoj infrastrukturi geoprostornih podataka (Law on National Spatial Data Infrastructure)
Published in:	Official Gazette 27/18
Adopted:	06.04.2018.
Available at:	https://www.paragraf.rs/propisi/zakon-o-nacionalnoj-infrastrukturi-geoprostornih-podataka.html

Bylaws & relevant documents:	Zakon o državnom premeru i katastru (72/2009, 18/2010, 65/2013, 15/2015, 96/2015) (The Law on State Survey and Cadastre)
Available at:	http://www.nipp.hr/default.aspx?id=13

Strategic document:	Strategija mera i aktivnosti za povećanje kvaliteta usluga u oblasti geoprostornih podataka i upisa prava na nepokretnostima u zvaničnoj državnoj evidenciji – reformski put republičkog geodetskog zavoda do 2020 godine (Strategy of measures and activities for increasing the quality of services in the field of geospatial data and registration of rights to real estate in the official state records - reform of the Republic Geodetic Authority until 2020)
Adopted:	31.01.2017.
Available at:	http://www.rgz.gov.rs/content/Datoteke/Dokumenta/11%20Strategije/Strategija%20razvoja%20RGZ-a/Strategija%20razvoja%20RGZ-a.pdf
Strategic document:	Pregovaračka grupa 27
Available at:	http://www.pregovarackagrupa27.gov.rs/dokumenti/

Organisation of NSDI in Serbia:

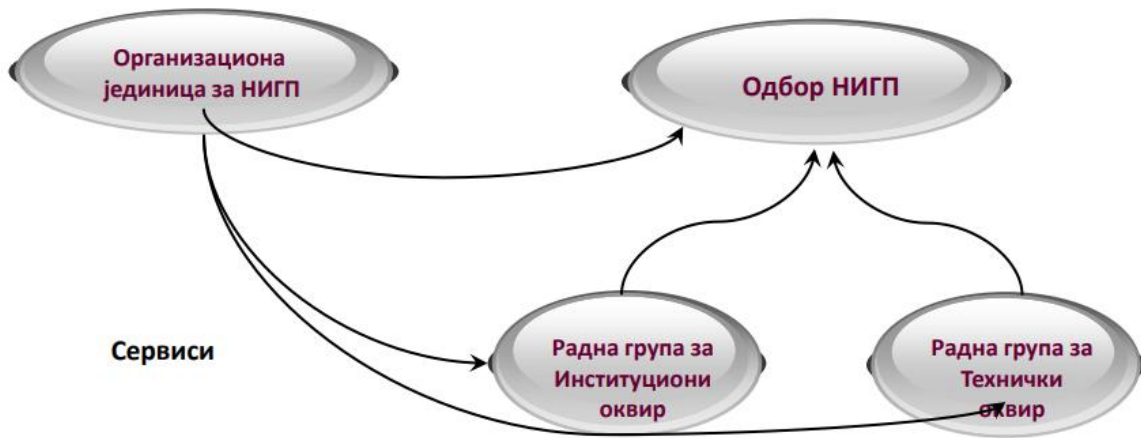


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3.3 NSDI Regulation and organization -Albania

National regulation:	On the Organization and Functioning of the National Infrastructure of Geospatial Information in the Republic of Albania" - (Law on National Spatial Data Infrastructure)
Published in:	Official Gazette Nr.89, 31 July 2012;
Adopted:	28.06.2012
Available at:	https://qbz.gov.al/eli/fz/2012/89/51de5850-6739-4c74-93ca-bdb12bce7940;q=LIGJ%20Nr.%2072%2F2012

Bylaws & relevant documents:	The Approval of The Policy Document "On The Creation Of National Infrastructure Of Geo-Spatial Data" DCM Nr. 144, date 22.2.2012
	Order No. 87, dated 25/07/2013 for composition, organization and functioning of the board (published in 01.09.2013.)
	<u>DCM Nr.147 date 20.02.2013 “On the organization and functioning of ASIG”</u>
	"On Creating, Preserving and Updating Metadata Catalogue Structure and Deadlines for Creating Specific Metadata for Each Theme". DCM nr. 1077, dated 23.12.2015
	Table of public authorities responsible for the Themes of Article 11 of Law 72/2012, the number of decisions and deadlines for each topic.
Available at:	http://www.asig.gov.al/index.php/2014-11-06-22-34-05/nsdi-dokuments https://geoportal.asig.gov.al/en/node/673

Strategic document:	Business Strategic Plan 2015-2020
Adopted:	22.09.2017
Available at:	http://www.asig.gov.al/images/DokumentaPDF/BPS i ASIG 2015 2020.pdf

Organisation of NSDI in Albania:

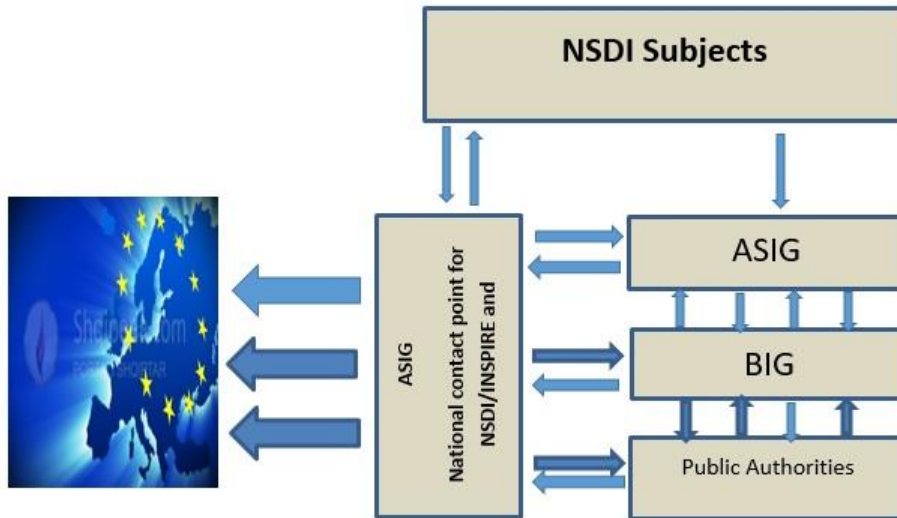


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Picture 1: National structure for geospatial information



3.4 NSDI Regulation and organization -Bosnia and Herzegovina

National regulation:	Uredba o Nacionalnoj infrastrukturi prostornih podataka (Law on National Spatial Data Infrastructure)
Published in:	Regulation shall Government of federation B&H, Official Gazette year XXI, No. 85, 17.10.2014, ISSN 1512-7079 Uredba Vlade Federacije BiH-Službeni list/noviine, godina XXI, Broj 85, 17.10. 2014. Sarajevo, ISSN 1512-7079
Adopted:	17.10.2014.
Available at:	http://www.fbihvlada.gov.ba/bosanski/zakoni/2014/uredbe/36h.html http://www.fgu.com.ba/bs/uredbe.html
National regulation:	Zakon o premjeru i katastru Republike Srpske (jedan član) (Law on Survey and Cadastre of the Republic of Srpska)
Published in:	Official Gazette of the Republic of Srpska", No. 6/12
Adopted:	26.01.2012.
Available at:	http://www.rgurs.org/dokumenti/zakoni/Zakon%20o%20premjeru%20i%20katastru%20Republike%20Srpske.pdf
New national regulation	NACRT ZAKONA O INFRASTRUKTURI PROSTORNIH PODATAKA FEDERACIJE BIH
Progress	In adoption process
Prepared	22.08.2019.

Bylaws & relevant documents:	Regionalna specifikacija metapodataka NIPP-a u okviru Impuls projekta
	List of annual IMPULS execution reports in Federation of Bosnia and Herzegovina and Republic of Srpska (2014 - 2019.)
	Strategija uspostave i održavanja infrastructure prostornih podataka
Available at:	http://www.nipp.hr/default.aspx?id=13



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	http://www.fgu.com.ba/bs/strateski-dokumenti.html
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Strategic document:	Strategija infrastrukture prostornih podataka Federacije Bosne i Hercegovine (Strategy of Spatial Data Infrastructure of the Federation of Bosnia and Herzegovina)
Adopted:	03.07.2016.
Available at:	http://www.fgu.com.ba/bs/strateski-dokumenti.html?file=files/Novosti/2017/PDF/strateski%20dokumenti/Strategija%20uspostave%20i%20odrzavanja%20IPP%20FBiH.pdf
Strategic document:	Strategija infrastrukture prostornih podataka Republike Srpske – dokument u usvajanju
Strategic document:	Strategija uspostave i održavanja prostornih podataka, 30.12.2015. (Strategy for establishing and maintaining spatial data, 30.12.2015.)
Adopted:	30.12.2015.
Available at:	http://www.fgu.com.ba/bs/strateski-dokumenti.html

Organisation of NSDI in Bosnia and Herzegovina:

Predloženi scenarij institucionalnog okvira za IPP FBiH

Proposed scenario of institutional framework for SDI FB & H

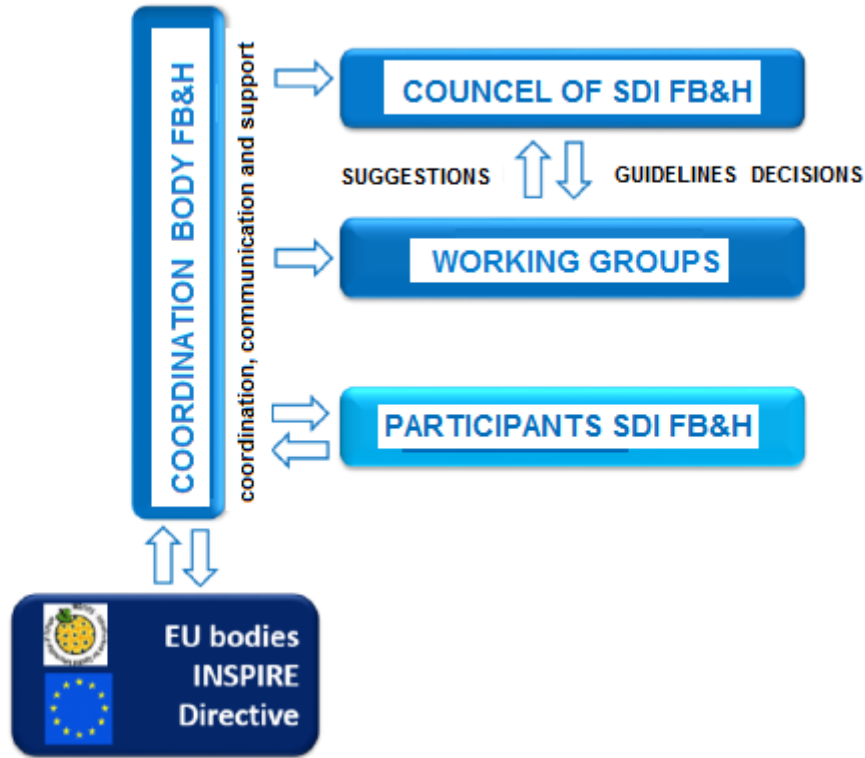


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3.5 NSDI Regulation and organization -Kosovo*

National regulation:	Law on cadastre
Published in:	Official Gazette Nr.13, 01 September 2013;
Adopted:	01.09.2013
Available at:	http://www.kca-ks.org/ligjet http://www.kca-ks.org/documents/10179/14705/1/cb08d561-588d-4056-98c0-1bb040e0fce5
New national regulation	Law on the Establishment of a National Spatial Information Infrastructure in the Republic of Kosovo
Progress	Under the process of adopting by the Parliament of the Republic of Kosova
Prepared	January 2014
Available at:	http://www.kuvendikosoves.org/?cid=2.1,194,861 http://www.kuvendikosoves.org/common/docs/ligjet/04-L-245.pdf

Bylaws & relevant documents:	The strategy for the development of the National Spatial Data Infrastructure of the Republic of Kosovo (Strategjia për zhvillimin e infrastrukturës kombëtare për informacion hapësinor të Republikës së Kosovës)
Available at:	http://www.kca-ks.org/nsdi http://www.kca-ks.org/documents/10179/203035/NSDI+STRATEGY.pdf/cf2318af-22b4-472b-9110-46244d02bc98 http://www.kca-ks.org/documents/10179/292573/NSDIPDFSHQIP.pdf/2dba8856-6ff9-4862-a00d-f897f86fb018

Strategic document:	The strategy for the development of the National Spatial Data Infrastructure of the Republic of Kosovo (Strategjia për zhvillimin e infrastrukturës kombëtare për informacion hapësinor të Republikës së Kosovës)
Adopted:	June 2015
Available at:	http://www.kca-ks.org/nsdi http://www.kca-ks.org/documents/10179/203035/NSDI+STRATEGY.pdf/cf2318af-22b4-472b-9110-46244d02bc98 http://www.kca-ks.org/documents/10179/292573/NSDIPDFSHQIP.pdf/2dba8856-6ff9-4862-a00d-f897f86fb018



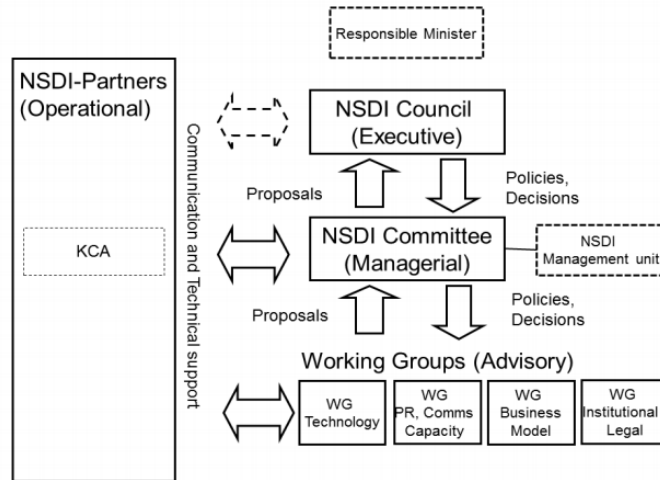
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4 Conclusion and recommendations

All partners country has reported all current or prepared new national regulation document. Also, all of them has been reported bylaws & relevant documents and strategic document related to NSDI in their countries. For each reported document, it is reported when it is prepared or adopted, and where each document can be found.