







INSPIRATION PROJECT IN MONTENEGRO

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CONTENT

- NSDI in Montenegro before INSPIRATION project
- INSPIRATION project and impact on NSDI development
- Current state of NSDI





NSDI IN MONTENEGRO

- First steps made by Real Estate Administration, biggest spatial data producer in Montenegro that is in charge of State survey, cadastre, cartography, ...
- Law on state survey and real estate cadastre ("Official gazette of Montenegro", No. 29/07 and 32/11):
 - NSDI defined
 - NSDI establishment, maintenance and use
 - NSDI Council
 - Other NSDI details: NSDI subjects, contents, responsibilities, services, metadata, access restrictions, national Geoportal





NSDI IN MONTENEGRO

- No INSPIRE in Montenegro legislation
- 35% of INSPIRE articles transposed into Law on state survey and real estate cadastre





NSDI IN MONTENEGRO

- In practice implementation of law is delayed
- NSDI Council institution was not presented
- Sub-laws and technical documentation were not prepared and adopted
- Political support was not on adequate level
- Several examples of good cooperation among institutions, that can be considered as beginning of SDI





- 2012 2013
- Promoting spatial data infrastructure (SDI) and coordinating its implementation in the Western Balkans with a view to preparing beneficiaries to meet the objectives of the EU INSPIRE Directive
- Led by very experienced legal and technical experts
- Many benefits for Montenegro





- Because of regional character of project most valuable outcomes are regional cooperation among beneficiary countries and transfer of experience and knowledge
- Three main project activities





- 1 Policy, institutional and legislative framework analyses
- First time in Montenegro systematic and comprehensive approach to analyses of state in SDI area, that helped to identify current and potential stakeholders
- SDI legislation analysis





- Product National report for Montenegro
- Provides detailed overview of current state in SDI area in Montenegro, evaluate the achieved level of development and makes recommendations for future implementation according to INSPIRE directive.
- Mandatory and preferred, shortterm and long-term recommendations are listed



INSPIRATION – Spatial Data Infrastructure in the Western Balkans

Reference N*: 2011/281-381 Project Identification No. EuropeAid/130907/C/SER/Multi

INSPIRATION: National report MONTENEGRO (Act. 1.3)



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- 2 Capacity building and knowledge transfer
- Extensive capacity and education assessment and recommendation report was prepared
- The assessment analyses, through stakeholder surveys, capacities in the region in relation to the development of SDI and land administration
- The recommendations part of the report aims at raising the level of knowledge of experts, and to improve the local capacities for NSDI, emphasizing a regional approach





- Representatives from Montenegro attended several training courses for INSPIRE implementation, which were held by experts from EU that have extensive practical experience in INSPIRE implementation process
- National SDI workshops first time in Montenegro such events are organized on national level



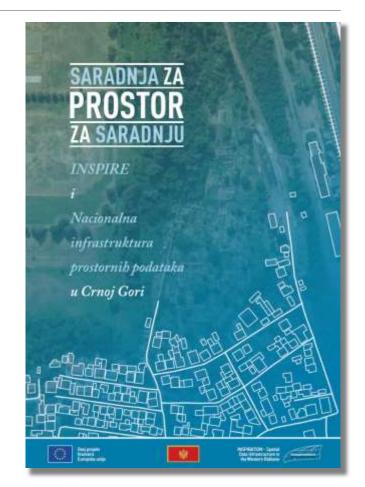


- 3 Awareness raising and communication
- Activity of high importance for Montenegro, because of lack of broader awareness of importance of NSDI for development of Montenegro and EU integrations
- Regional cadastre conferences
- INSPIRE days and forums





- Product INSPIRE & NSDI brochure
- Simple, but valuable publication that will help us to reach to every potential stakeholder and inform them on current state and importance of NSDI in Montenegro







Product – INSPIRE & SDI promotional movie

- Quality production movie that can be presented to every person in Montenegro by Internet or TV
- Importance of SDI is presented on very simple and acceptable way with examples of practical SDI use in every day situations







NSDI IN MONTENEGRO AFTER INSPIRATION PROJECT

- Unfortunately, legislative framework has not changed yet, but...
- We now have draft roadmap:
 - NSDI establishment law should be adopted in 2015
 - Sub-law documents and regulation acts regarding metadata, reporting and monitoring, network services, spatial data sets and sharing should be presented in 2017
- These steps are also mandatory for us because of EU integrations process





NSDI IN MONTENEGRO AFTER INSPIRATION PROJECT

- Number of stakeholders that use SDI principles in spatial data distribution and exchange has increased
- Several projects that includes spatial data processing has started on national and multi-institutional level:
 - LAMP Land Administration and Management Project several Government institutions and local municipalities
 - Legalization of informal objects all local municipalities, two ministries and few other institutions
- These projects are best practical demonstration of value of NSDI and through them we are accelerating our way toward NSDI establishment and implementation of INSPIRE directive





CONCLUSION

 INSPIRE and SDI are now well known words in Montenegro and INSPIRATION project has helped a lot



Thank you for your attention