



INSPIRATION PROJECT IN MONTENEGRO

E&I WORKSHOP

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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



INSPIRATION PROJECT

- 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



INSPIRATION PROJECT

- 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



INSPIRATION PROJECT

- **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



INSPIRATION PROJECT

- 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, short-term and long-term recommendations are listed





INSPIRATION PROJECT

- **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



INSPIRATION PROJECT

- 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



INSPIRATION PROJECT

- **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

INSPIRATION PROJECT

- 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



INSPIRATION PROJECT

- 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