Regional SDI Cooperation – SEE Inspiration is South-Eastern Europe

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Facing the Challenges – Building the Capacity

- SDI – new concept – reaction on changes in real world
- SDI – challenge to accept this concept, challenge to implement it
- …
- Missing, in principal human and knowledge, capacities recognized as main obstacle for fast and successful establishment of any kind of SDI

Geographical definiton of WB

Frame for reforms in Western Balkan region

- Change of economic and social system
- Creation of number of new states
- Heavy transition and devastation
- Giving back right status to private ownership
- Introduction of real-estate market and its fast development
- Growing political stability, EU processes

Land administration in Western Balkan region

- More or less neglected in the past
- Data in registers not in the best shape
- Different property and ownership registration systems (integrated and dual)
- Suffered changes in organization of registration system in several countries in relatively short period of time

Reform of land administration in Western Balkan region

- Started at the end of previous century
- Focused on reorganization of institutions, digitalization, systematical resurvey, human and ICT capacity building
- In all countries involves national, donor, EU & WB funds
- Fast, slightly shifted, development

SDI in Western Balkan region

- Recognized in region as important conceptual and operational question
- Follows general trend of GSDI and INSPIRE development
- Basic NSDI legislation adopted in 3 countries (Croatia, Macedonia, Serbia) – NMCA's in charge of implementation
- Pending legislation (BiH)
- Initiatives in other countries

Challenges in SDI development in Western Balkan region

- Lack of awareness, among the politicians, stakeholders and own profession
- Lack of capacities
- Lack of knowledge
- Various national data bases under development
- Data exchange culture relatively low

Reactivation of regional activities

- Cooperation among NMCS's reestablished 10 years ago and growing
- Started as bilateral cooperation between countries
- New quality Regional Conference on Cadastre (Opatija 2008, Ohrid 2009)
- Results of Regional Conferences on Cadastre:
  - Regional studies on cadastre (expanded on SDI in 2009)
  - Conclusions

Regional Cadastral Study
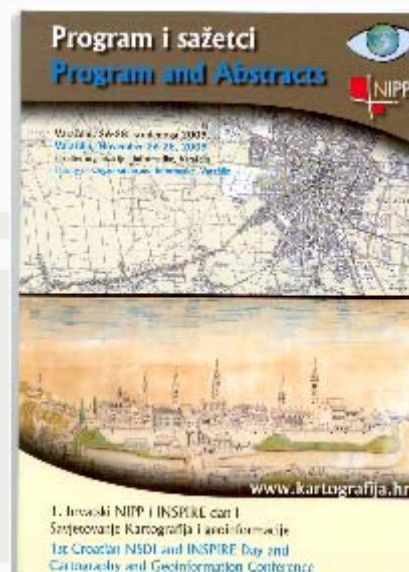

Opatija 2008   Ohrid 2009

Regional Conferences on Cadastre - conclusions

- Opatija 2008:
  - NMCA's devoted to execute reform of land administration in their countries
  - Cooperation among NMCS's recognized as necessity and was welcomed by all participants
  - Regional conference as form accepted and agreed to become annual event
- Ohrid 2009:
  - Countries (NMCA's) will cooperate in joint regional projects which have goal to develop capacities and speed up reforms which our orgnaizations are executing
  - Permanent Technical Commission will be established with purpos to promote exchange of knowledge and experience

Croatian example of NSDI

- Law on SSREC including NSDI adopted in 2007
- Structure established: Council, Board, 5 working groups
- Metadata implementation rules ready for adoption
- Promotion and awareness raising activities ongoing

Inspiration Project

- Responded on call for project proposals for EU IPA 2010 Multi-beneficiary program (20/4/09)
- "Inspiration" Project accepted conditionally 9/6/09
- Project budget 1,5 mil €
- Based on Project proposal in past months Project Fiche prepared
- Execution 2011-2013

Beneficiaries

- **Beneficiary countries:** Albania, Bosnia i Herzegovina, Croatia, Kosovo, Macedonia, Montenegro, Serbia

- **Main:** National Mapping and Cadastre Authorities (NMCA's) of Beneficiary countries

- **Secondary:** Universities providing education in surveying, geodesy and geomatics; Project Implementation Units of national land administration reform projects

- **Tertiary:** NSDI stakeholders in each country (other governmental institutions, especially Ministries of Agriculture (LPIS) and Ministries covering environmental protection); private surveying, GIS and geomatics commercial sector in each Beneficiary country

Objective and purpose

- **Overall Objective**
  - To contribute towards creation of accurate, up-to-date, high-quality, well structured and accessible *spatial data* in local, regional and State administrative bodies in the countries of Western Balkan.

- **Project purpose**
  - Promote SDI as a concept in order to prepare countries in the region for implementation of the INSPIRE direction

Assessment of project impact

- The project will contribute towards the creation of accurate, up-to-date, high-quality, well structured and accessible *spatial data* in local, regional and State administrative bodies in the countries of Western Balkan through the following means:
- The preconditions will be created for the legislative defining of NSDI and the implementation of INSPIRE Directive in the countries of the region;
- The preconditions will be created for the continuation of the accelerated LA reform in the countries of the region, and especially the good quality building of the LPIS system
- The preconditions will be created for the education of highly professional staff in the NSDI domain;
- The regional cooperation of NMCA's in order of capacity building will be supported ;
- The activities so far conducted to inform the public on the LA reform will be extended to the SDI area with the special emphasis on the SDI stakeholders

Assessment of project impact

- For the purpose of informing and training, 500 participants will be involved and they will become familiar with SDI, LA and capacity building
- With the project implementation, all categories of participants (primary, secondary and tertiary) will have increased knowledge or capacities to support the implementation, and they will be aware of the interaction between the projects that are relevant for the process of EU accession (LA, SDI, LPIS; CORINE, …) .
- With the organization of workshops and trainings, a network will be created at the national level of stakeholders and their communication will be improved
- With the regional cooperation, the subject activities, as is the intention of INSPIRE Directive, will be harmonized and accelerated because the mutual cooperation will also mean encouraging one another

Results and measurable indicators

- **Results:**
  - Legislation regarding SDI framework prepared for implementation in each country
  - Improved capacity of NMCA's officials and NSDI users in the field of SDI
  - Raised awareness among public and government in NSDI / INSPIRE

Activities

Legislation:

- Regional SDI Legislation Framework Analysis
- Regional SDI Establishment Recommendations Report
- Country wise SDI Legislation Recommendations Report (7 reports)
- Three Annual Regional Cadastral Studies suported (for years 2011, 2012, 2013)

Activities

Education & Capacity building:
- Production of the Regional SDI & LA Capacity and Education Study
- Production of the Regional SDI & LA Capacity and Education Recommendations Report
- Support in organization of Capacity Building and Education in filed of Surveying, Geomatics and SDI Conference
- Organization of 3 training courses on INSPIRE
- Organization of 2 two-days workshops in each of involved countries on implementation issues

Activities

Public Awareness & Regional events:
- Production of the Regional Public Awareness Study
- Production of the Regional Public Awareness Recommendations Report
- Preparation and Execution of initial Public Awareness Campaign in each country about SDI and LA reform respectively to conditions
- Support in organization of 3 annual Regional Cadastre Conferences
- Organization of seven INSPIRE day conferences

Conclusion

- Execution of SEE Inspiration Project will give unique opportunity to all involved parties to achieve real breakthrough in implementation of NSDI/INSPIRE concept and boost development of geo-enabled society in the countries in the region of Western Balkan for the benefit of their citizens and economy