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'Geospatial Information for a Smarter Life and Environmental Resilience"



Strengthening Professional Access to Information About Land (SPATIAL) in the Western Balkans

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22-26 April, Hanoi, Vietnam





SPATIAL Project

The project purpose is to Strengthen Professional Access To Information About Land (SPATIAL) in the Balkan region.









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Counterparts





- Agency for Real Estate Cadastre (AREC) •
- State Authority for Geospatial Information (ASIG)
- Federal Administration for Geodetic and Property Affairs (FGU)
- Republic Administration for Geodetic and Property Affairs (GARS)

- Central Office of Immovable Property Registration (IPRO)
- Kosovo Cadastral Agency (KCA)
- Real Estate Administration of Montenegro (REA)
 - Republic Geodetic Authority (RGA)









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Context for the Western Balkan region

- Ambition to improve the access and harmonisation of geospatial information
- Obligation as (potential) candidate members of the European Union towards INSPIRE
- Need for efficient policy and decision making processes with reliable authoritative geospatial information
- Society requires transparent access to information
- Improve stable and sustainable relation between the citizens and the government

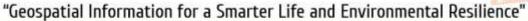








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3 Components

- SPATIAL Northern Macedonia
- SPATIAL Serbia
- SPATIAL Region









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SPATIAL Northern Macedonia: Activities

- Capacity building NSDI stakeholders Mobilize stakeholders by increasing knowledge for the production and delivery of metadata and services for the national geoportal
- Technical Assistance for the establishment and implementation of the Address Registry
- Technical assistance related to updating the workflow of the basic topographic map scale 1:25k and to automated generalization









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NSDI

- Set up NSDI lab for all NSDI stakeholders
- NSDI Operational Implementation Manual
- Training for trainers for spatial web services

Address Registry

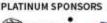
- Recommendations
 - Legislation
 - Governance
 - INSPIRE specifications
- Technical assistance:
 - on Pilot Areas
 - Workflow
- Workshops

Topographic Maps – updating & generalisation

- Recommendations
 - LEAN principles
 - User involvement
 - Capacity building
- Technical Assistance
 - Workflow and simplification of the process
 - Quality Control
 - User involvement
- Study visit













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SPATIAL Serbia: Activities

- Raising Awareness and Technical Assistance to develop technical, legal, institutional and financial NSDI framework for Serbia
- Training and support for developing models for mass property valuation.
- Strengthening institutional and organisational capacity by exchanging experiences and to develop capacity on:
 - The role and responsibilities as provider of information of national key registrations
 - The Open Data concept
 - To become a more service oriented institution









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NSDI Mass Valuation Key Registers **Open Data** strategy

ORGANISED BY





PLATINUM SPONSORS







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NSDI

- Review of NSDI Legislation
- Technical assistance on NSDI Strategy
- Recommendations on:
 - Architecture
 - Technical Infrastructure
 - Applications
 - Stakeholder management
 - · Business and Financial Model

Open Data

- Workshop
 - Introduction to concepts of Open Data
 - Identification main benefits
 - Identification key preconditions
 - Draft roadmap
 - Open Data Statement

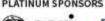
Mass Valuation

- Workshop
 - Sharing of best practices
 - Comparison of data models
 - Data extraction
 - Quality improvement

 - User needs and requirements













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Key Registers

- Sharing best practices of having a system of key registers in place
- Organisational framework
- Legal Framework
- Technical framework (standards, quality)

Service Oriented Organisation

- •Role and Responsibilty of governmental service organisation
- Self evaluation EQFM
- Assessment type of users / customers
- Ways of market research
- Financial framework

Centre of Excellence

- Technological Trends
- User orientation needs
- Interoperability
- Linked Data

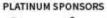
Transformation of RGA

Aspects of Autonomy















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SPATIAL Region: Activities

High Level Study visit to the Netherlands



- 4 Regional Workshops:
 - Towards a more service oriented
 - NSDI
 - Address Registry
 - Strategy Planning & Future cooperation









Regional Workshop - Structure

- Pitches of participating organisation on six 6 aspects
- Sharing best practices from the Netherlands
- Round Table discussions on the theme of the workshop
- Define quick wins and actions for each organisation





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SPATIAL Project Res



20+ Workshops & Trainings



240+ Participants



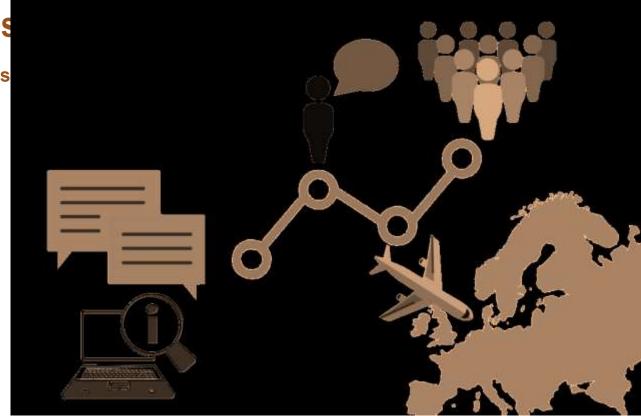
10+ Topics Addressed



20+ Dutch experts



75+ Flights





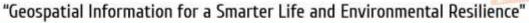








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Results

- NSDI Cook book delivered
- NSDI Lab set-up
- Increased capacity on Address Registry
- Improved work flow for topographic maps
- Accepted NSDI Legislation
- Developed NSDI Strategy
- Open Data Statement
- Valuable lessons learned in the region
- Increased regional cooperation









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Lessons Learned

- Bilateral cooperation provides tailor made assistance with the right expert at the right time
- Hands-on support gave boost to implementation
- Regional cooperation supports exchange of best practices
- Regional cooperation contributes to the further development of each organisation













