

## Development of the Croatian and regional SDI as a part of European SDI

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Croatia

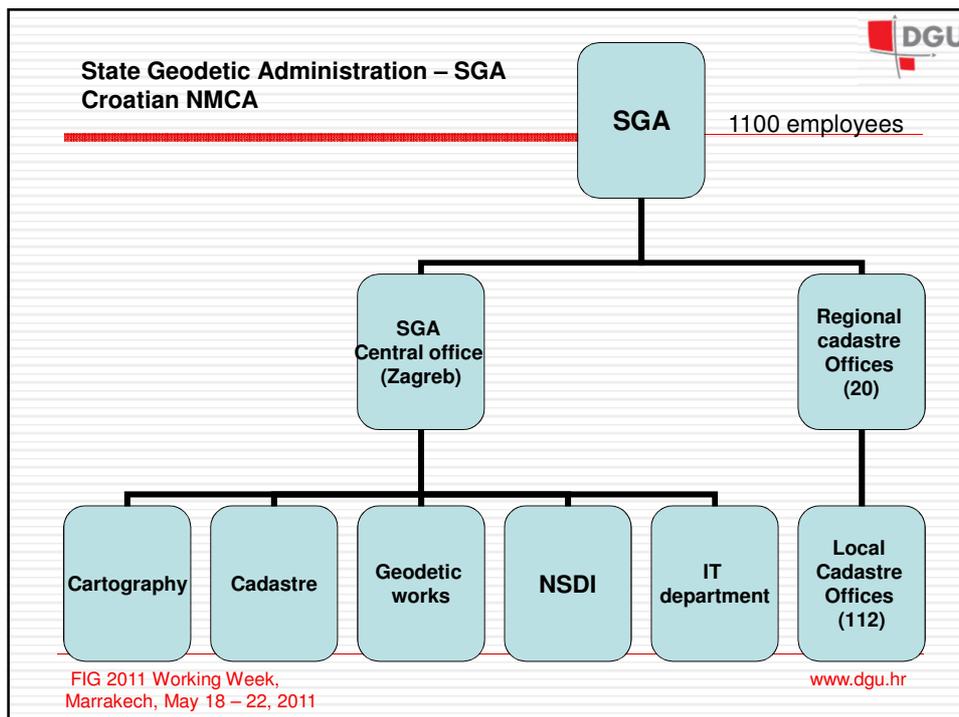
Presenter: Sanja Zekusic

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## Republic of Croatia – basic information



- SE Europe
- Land area: 56.542 km<sup>2</sup>
- Territorial sea: 31.067 km<sup>2</sup>
- Population (census 2001): 4.437.460 inhabitants
- No. of islands, islets and reefs: 1185
- No of inhabited island: 47
- Capital: Zagreb - 779.145 inhabitants



**INSPIRE Directive 2007/2/EC**  
Infrastructure for Spatial Information in the European  
Community

- came into force: May 2007
- to ensure that the SDI of the Member States are compatible and usable
- sharing of spatial information among public sector organizations and better facilitate public access to spatial information across Europe
- Directive requires that common Implementing Rules are adopted (and binding) in a number of specific areas
- the spatial information considered under the directive is extensive and includes a great variety of topical and technical themes

[www.inspire.jrc.ec.europa.eu](http://www.inspire.jrc.ec.europa.eu)

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## Prerequisite for success

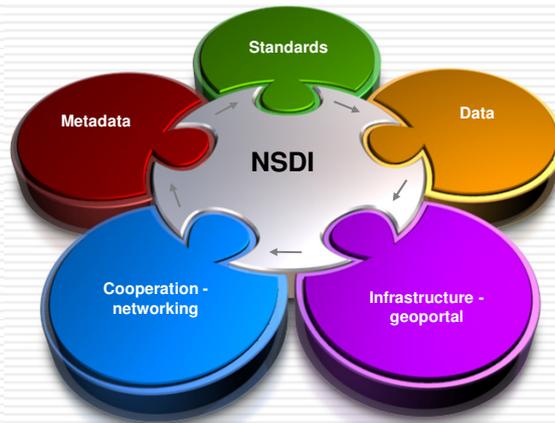


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## Activities on NSDI establishment: how we started

- ❑ **Studies** – 2001, 2005, 2007
- ❑ **Workshops** (in collaboration with):
  - 2007: SIDA - Swedish Agency for Development Cooperation and Swedish Geodetic Authority
  - 2007: Canadian Embassy
  - 2008: German Association for Technical Assistance (GTZ)
  - 2009: Statens Kartverk – Norwegian Mapping Authority
- ❑ **Conferences** - Croatian NSDI and INSPIRE day
  - 2009 & 2010
- ❑ **Publication** on NSDI in Croatia - 2008

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## NSDI Development in Croatia: Legal Aspects



- Law on State Survey and Real Estate Cadastre (2007) – first regulation on NSDI in Croatia
  - all in line with INSPIRE, only partly transposed
- INSPIRE contact point
- (2009) National Program for EU Accession – obligation to transpose it till joining EU
  - draft NSDI Law in 2011 – full transposition of INSPIRE

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## Law on State Survey and Real Estate Cadastre – NSDI part

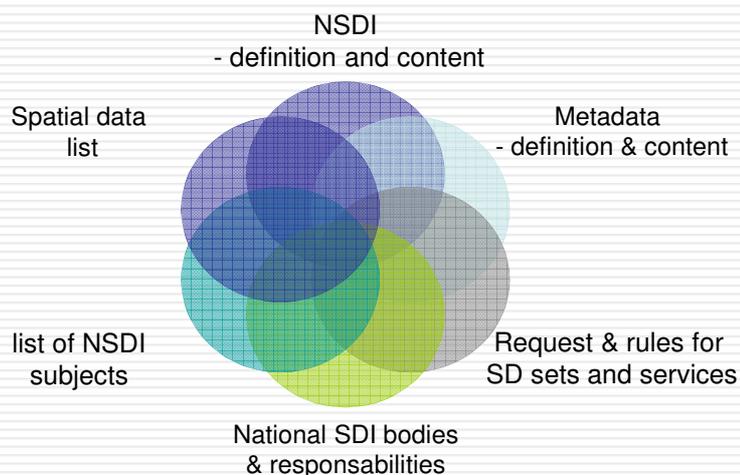


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## NSDI Development - Institutional Framework

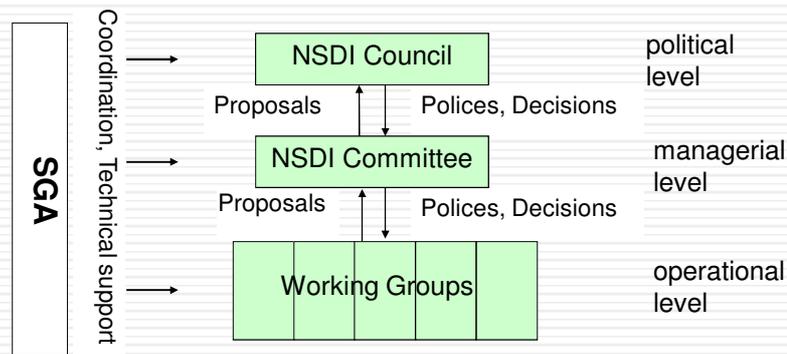


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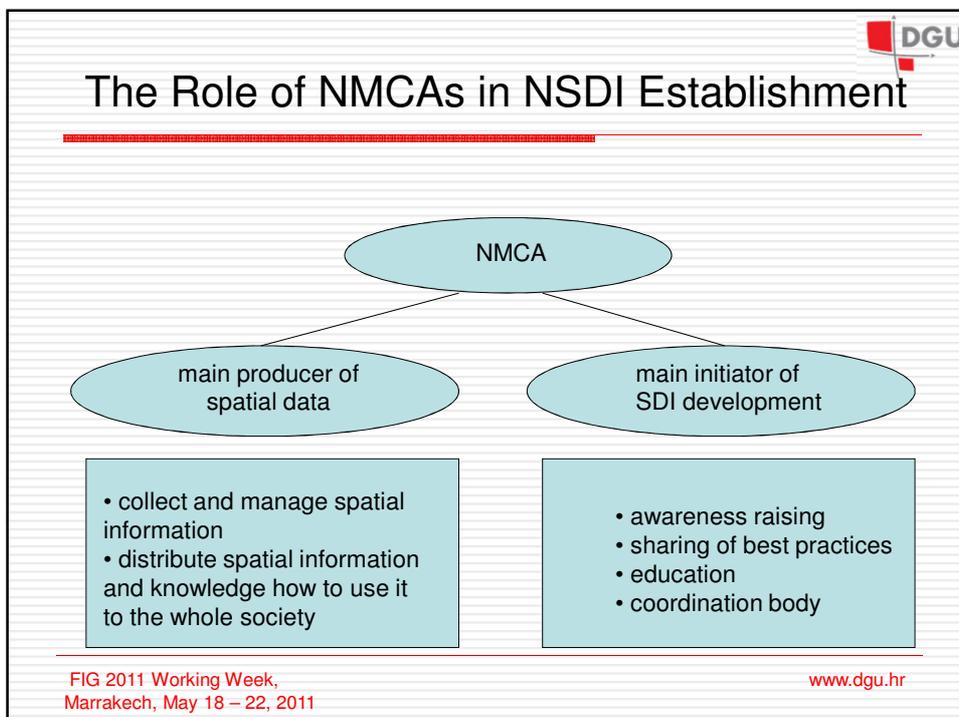
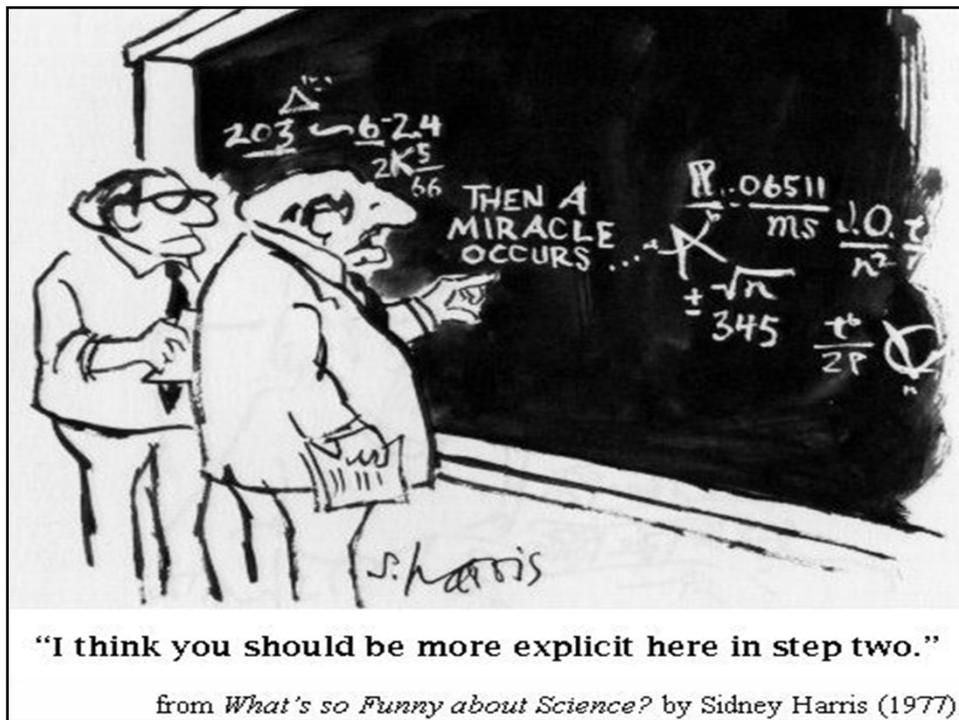
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## NSDI Development – Working Groups

- WG on Technical Standards (2008)
  - Implementing rule for Metadata
  - Implementing rule for network services
- WG on Data Sharing (2008)
  - Agreement on exchange, usage and access
  - Rules for access to data and service and it's re-usage
- WG E-Government (2009)
  - Communication strategy between e-government and NSDI
- WG Capacity Building (2009)
  - curriculum for SDI courses in high school and universities
- WG Business Models (2009)
  - business models for establishing sustainable partnerships and business networks and particularly for operating common services like catalogues etc.

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## Regional Cooperation on SDI

INSPIRATION – SDI in the SE Europe (Western Balkans)

EU founded project

- Albania
- Bosnia and Herzegovina
- Kosovo
- FYR of Macedonia
- Montenegro
- Serbia
- Croatia



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## Frame for regional cooperation

- All countries have in common:
  - reform activities in land administration pushed by transition of economic system and grow of real-estate market
  - implementation of well proven international concepts and solutions
  - usage of additional funding sources beside the state budget (donations, WB, EU)
- Differences:
  - legislative framework
  - organizational setup

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## Frame for regional cooperation

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- All NMCA's have in common:
  - high expectation from the government and citizens
  - lack of staff and capacities
  - insufficient knowledge in some areas
  - organizational problems
- Differences:
  - Responsibilities and status inside administration
  - Relations with private sector

## Spatial Data Infrastructure in Western Balkan region

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- Status:
  - Recognized in region as important conceptual and operational question
  - Follows general trend of SDI and INSPIRE development
  - basic NSDI legislation adopted in Croatia, Macedonia, Serbia – NMCA's in charge of implementation
  - pending legislation (BiH), initiatives in other countries
- Challenges:
  - lack of awareness, capacities, knowledge, data exchange culture

## INSPIRATION

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### Project purpose

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

### Expected 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

## Regional collaboration - conclusion

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- Countries and NMCA's in region are making a big steps forward regarding all aspects of spatial information
- SDI / INSPIRE recognized as a concept for future
- Regional approach recognized as a way for speeding up the implementation
- INSPIRATION and other projects tool for implementation

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[www.np-plitvicka-jezera.hr](http://www.np-plitvicka-jezera.hr)



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