



3. hrvatski NIPP i INSPIRE dan i 7. savjetovanje Kartografija i geoinformacije

Split, 14-16. rujna 2011.



INSPIRE directive  
within Public Administration Bodies in the Republic of Croatia  
***HOW TO WORK AND COLLABORATE***

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# Content

**INSPIRE - DIRECTIVE FOR EU MEMBER STATES**

**PRESENT SITUATION**

**NSDI IN REPUBLIC OF CROATIA**

**MOC AND SGA**

**COMMON GOALS**

**WORK TO BE DONE**

**INTEGRATION OF DATA**

**TECHNOLOGY**





The Infrastructure for Spatial Information in Europe (**INSPIRE**) is chartered by a European Union (EU) directive and is intended to give EU member states the **ability to share geographic information through an Internet-accessible infrastructure**. INSPIRE will act as a foundation for producing, sharing, and consuming geospatial information, improving decision making and operations with respect to issues affecting Europe as a whole.



Governmental bodies i.e. ministries, state institutions and agencies have in their own domain **big amount of GIS data**, but till now we don't exchange them usually.





- Governmental ministries and institutions **cooperation**
- Sharing of all information** between partners
- Partnership based on **co-financing** of establishment and updating of basic reference data
- Agreement on **standard formats for delivery** and access
- Common / standard** IT solutions





## NSDI in Republic of Croatia

agreements

working NSDI groups

NSDI collaborative impact to public administration

new e-citizens



According to **our cooperation**

**with State geodetic administration** Ministry of culture in our new agreement with SGA , regarding **activities and jurisdiction from both sides ( MoC and SGA )** , concerning **spatial data, registration of special regimes of protection and IT interconnection** finds mutual interests for accessing truthful, updated spatial data that shall demonstrate protected areas of cultural and natural heritage in unique, standardized way with international standards, as to public knowledge and as well for all professionals in the protection institutions and for sharing with other public bodies and local self-government.



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## Framework Themes



Hydrography

Elevation

Cadastral

Digital Orthoimagery

Governmental Units

Transportation

Geodetic Control







Promoting the exchange, integration and use of spatial data through enhanced data publishing, discovery, documentation and accessibility is way for future e-business and mission to be done for public administration in Croatia.



## **COMMON GOALS**

**Support collaborative research**

**Provide guidance on metadata practices**

**Identify and describe existing standards tools**

**Develop tools and services when needed**

**Community outreach and engagement**

# NSDI Contributors and Users

- Orthophoto
- Topo
- Cadastre
- Geology
- Forests
- Hidrology
- Spatial plan
- ...

**Ministry of culture**

- Protected values of nature
- Park area borders
- Natura 2000 areas
- Habitats

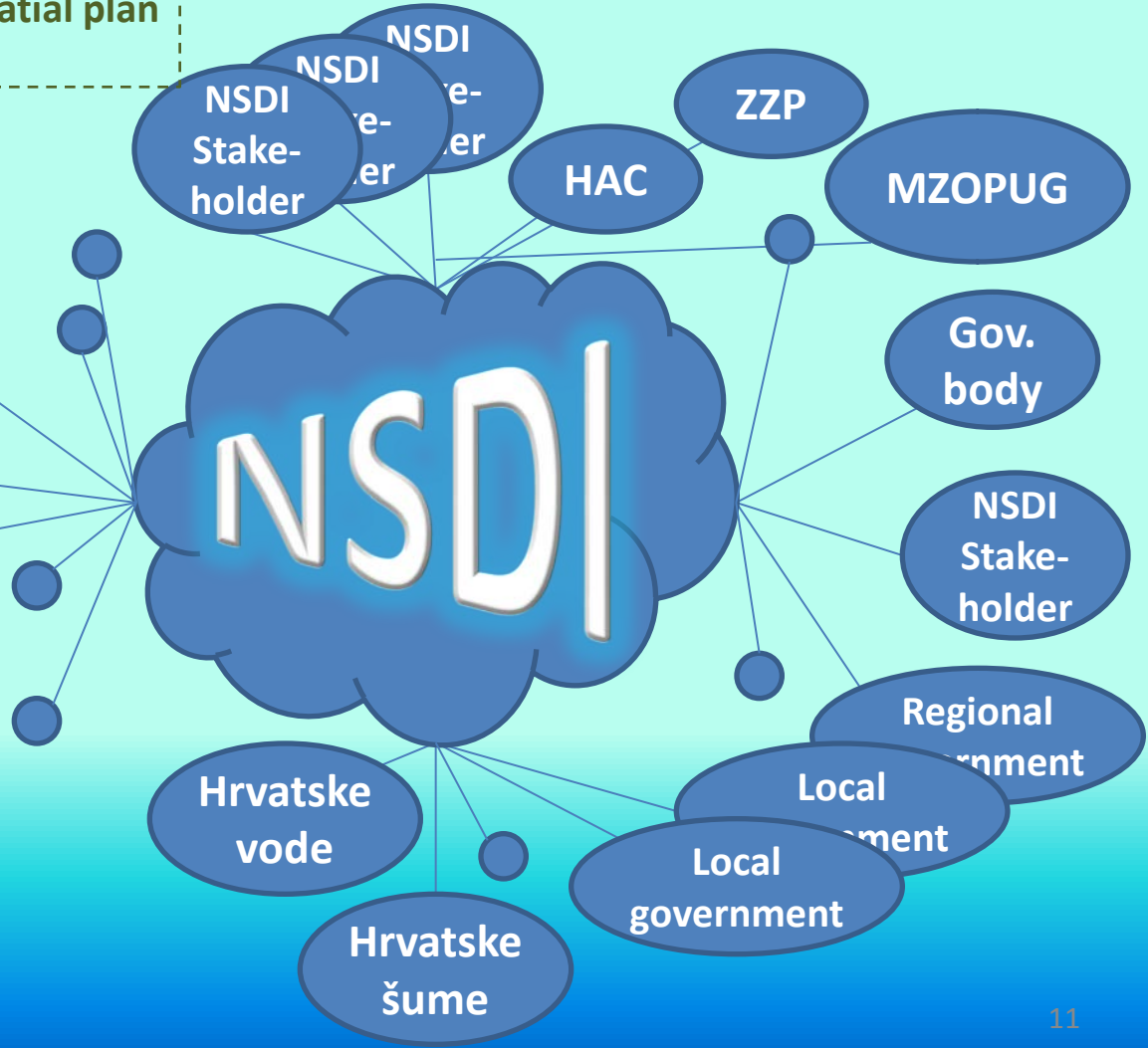
- Mountain tracks
- Park area borders

**State Geodetic Administration**

Geoportal



- Orthophoto
- Basemap
- Cadastre
- CRSU
- PGCP
- CROPOS
- Topo





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## The importance of :

Political support

Cooperation between public administration

Strategy

Standards based technology

Allowing on-line **integration from distributed sources**

Dynamic metadata - both data contents and services catalogue

And remember:

**Keeping the global/european/Croatian perspective**





**Data should be collected once and maintained at the level where this can be done most effectively it should be possible to combine seamlessly spatial information from different sources and share it between many users and application it should be possible for information collected at one level to be shared between all the different levels, detailed for detailed investigations, general for strategic purposes.**



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NSDI content from different ministries and state agencies

# SGA SPATIAL DATA CONTENT FROM INSPIRE

## MOC ANNEX 1

Clearinghouse/Portal

Metadata

Framework

GEOdata

Standards

*Partnerships*

## Integration of information services - use in different sectors

### Environmental data

- Biodiversity
- Protected sites
- Hydrology
- Landscape
- Cultural site
- Flooded areas
- Landslide
- Forests
- Polluted sites

### Geographic data

**Topographic data**

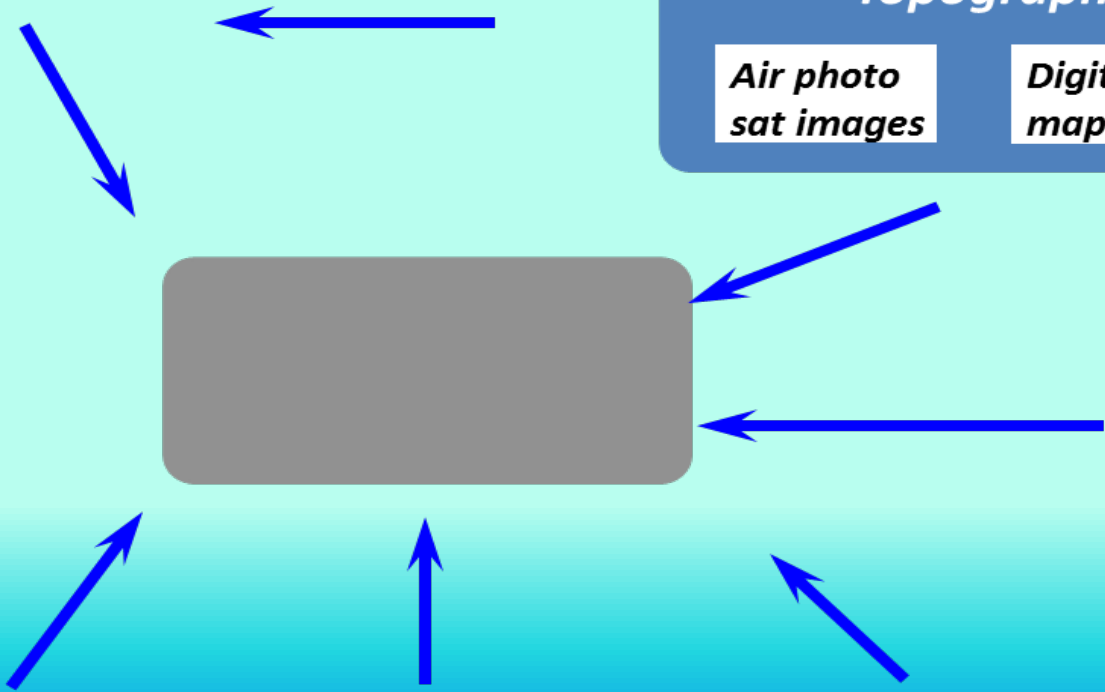
- Air photo sat images
- Digital map data
- Roads data

**Cadastral**

- address
- property
- building

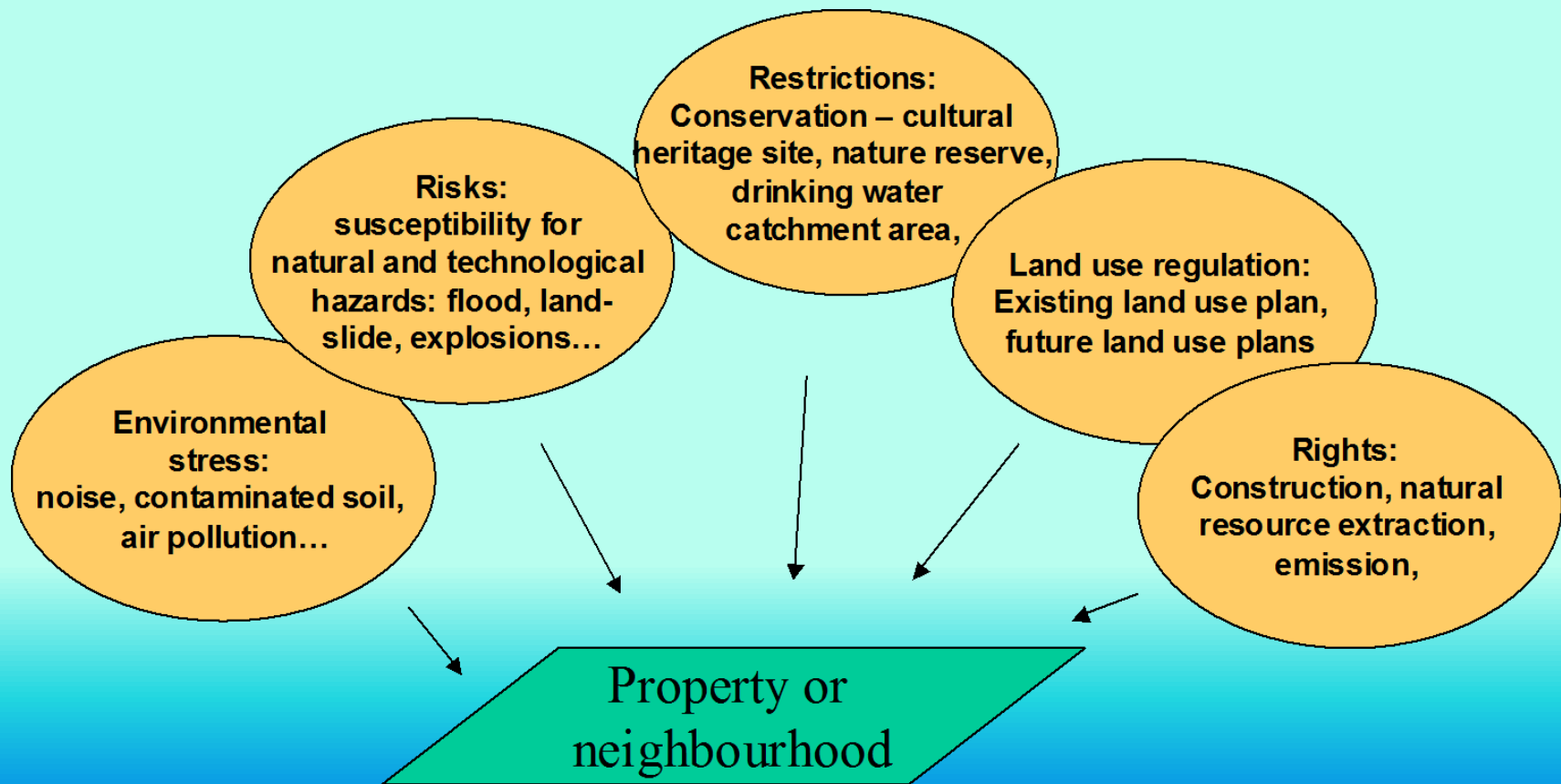
Land use plans

Positioning data





## Focus on implementation needs - actions at local level







New technology let the users choose different data sets from different servers located to different owners.



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## Summary

**COMMON PLATFORM FOR SPATIAL DATA  
INFRASTRUCTURE ACCORDING TO INSPIRE  
STANDARDIZATION FOR EXCHANGE AND DELIVERY  
OF DATA  
STRATEGY FOR E-GOVERNMENT AND E-BUSINESS  
SHARING DATA  
FEE FOR COMMERCIAL ISSUE OF DATA**





Thank You for Your patience

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