

DRŽAVNA GEODETSKA UPRAVA  
Gruška 20/10000 Zagreb  
[www.dgu.hr](http://www.dgu.hr)



# NSDI/INSPIRE implementation in Croatia

Tomislav Ciceli  
[tomislav.ciceli@dgu.hr](mailto:tomislav.ciceli@dgu.hr)

Sector of GIS  
NSDI Division

# Overview

- **Past NSDI activities**
- **Current status of NSDI**
- **Near future**



2001 – SGA's study "Review of EU requirements for Geographic Information Infrastructure in Croatia", Bloominfo, Denmark

2001 - the European Commission launched the Infrastructure for Spatial Information in Europe (INSPIRE)

2005 – SGA's "Study on Development of National Spatial Data Infrastructure in Croatia",  
Con Terra, Germany

2006 – SGA's study

“Croatia: National Spatial Data Infrastructure and  
Inspire”

Geolink Consulting, UK

**17th February 2007**

**Law on State Survey and Real Estate Cadastre  
– the first regulation on NSDI in Croatia**

**15th May 2007 – INSPIRE Directive  
2007/2/EC of the European Parliament  
and of the Council entered into force.**

What is NSDI

Who are NSDI subjects

What is NSDI data

What is metadata

NSDI subjects' obligations

Spatial data services

NSDI bodies and their tasks



## NSDI data:

- all State Survey data and Real Property Cadastre data
- hydrographic data
- data concerning roads
- data about protected areas or objects
- spatial planning data
- environment protection data
- data from georeferenced registers («the cadastre») kept in accordance with special regulations
- georeferenced statistical data
- geological, pedological and other specialized georeferenced data
- land registry data

2009 - INSPIRE directive was included in the National Program for Accession European Union – obligation to transpose it till joining EU

1 / 1 7 0 3

# 2010 - Implementing Rules for Metadata in function of National Spatial Data Infrastructure (OG 102/10)

# 2011 - Specification of National Spatial Data Infrastructure metadata profile

**NACIONALNA INFRASTRUKTURA PROSTORNIH PODATAKA**

HR EN

Unesite pojam

Republika Hrvatska | Državna geodetska uprava

**NASLOVNA**

**NIPP**

**TIJELA NIPP-a**

**SUBJEKTI NIPP-a**

**INSPIRE**

**DOKUMENTI**

**SKUPOVI**

**POJMOVNIK**

**AKRONIMI I KRATICE**

**NOVOSTI I DOGAĐANJA**

**POVEZNICE**

**Nacionalna infrastruktura prostornih podataka (NIPP)**

Već s dolaskom na svijet počinjemo graditi svoju percepciju o prostoru i vremenu koji nas okružuje. Prostorna inteligencija je jedna od inteligencija koja se razvija kod ljudi kao mogućnost prostornog pamćenja i vizualizacije prostora te rasuđivanje o prostornim odnosima. Često nismo svjesni da rješavamo prostorne probleme i da koristimo prostorno rasuđivanje kao sposobnost da bi se orijentirali u okruženju u kojem se nalazimo prilikom svakodnevnih aktivnosti. Međutim, kada ne bi imali sposobnost prostornog rasuđivanja bili bi izgubljeni u prostoru.

Da bi sa subjektivnog prostornog rasuđivanja prešli na kolektivno i da bi se gospodarstvo i industrije mogle efikasnije razvijati provodi se standardizacija prostornih podataka, usluga, procesa i drugih odnosa vezanih za prostorne podatke kao jedan od važnih smjerova razvoja. Masovnom primjenom prijenosnih preglednika prostornih podataka i globalnih navigacijskih sustava prostorna pismenost je postala nužnost u svakodnevnom životu. INSPIRE i nacionalne infrastrukture prostornih podataka (NIPP) su inicijative kojima se želi korištenje prostornih podataka podići na viši nivo i omogućiti efikasnije gospodarenje i zaštita okoliša te omogućiti brži razvoj gospodarstva.

Ova stranica namijenjena je subjektima NIPP-a, korisnicima prostornih podataka te ostalim građanima koji žele biti informirani o uspostavi NIPP-a u Hrvatskoj kako bi svi zajedno doprinijeli razvoju geospособljenog društva.

Website  
GeoPortal  
Registry  
eurogeoinfo

**SDI DAYS** ZAGREB, Croatia  
25 - 29 September 2012  
45°47'50" N  
15°53'58" E

1<sup>st</sup> Regional INSPIRATION forum  
4<sup>th</sup> INSPIRE DAY  
8<sup>th</sup> Conference CARTOGRAPHY Geoinformation

**Novosti i događanja**

11.5.2012

**Predstavljen ZG GeoPortal**

10. 5. je u prostorima Gradske uprave na konferenciji za novinare predstavljen ZG geoportal. Geoportal su predstavili nositelji projekta: Grad Zagreb, Gradski ured za strategijsko planiranje i razvoj Grada i APIS IT.

**Kalendar**

◀ Lipanj 2012 ▶

pon	uto	sri	čet	pet	sub	ned
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1
2	3	4	5	6	7	8

Korisničko ime:

Prijava

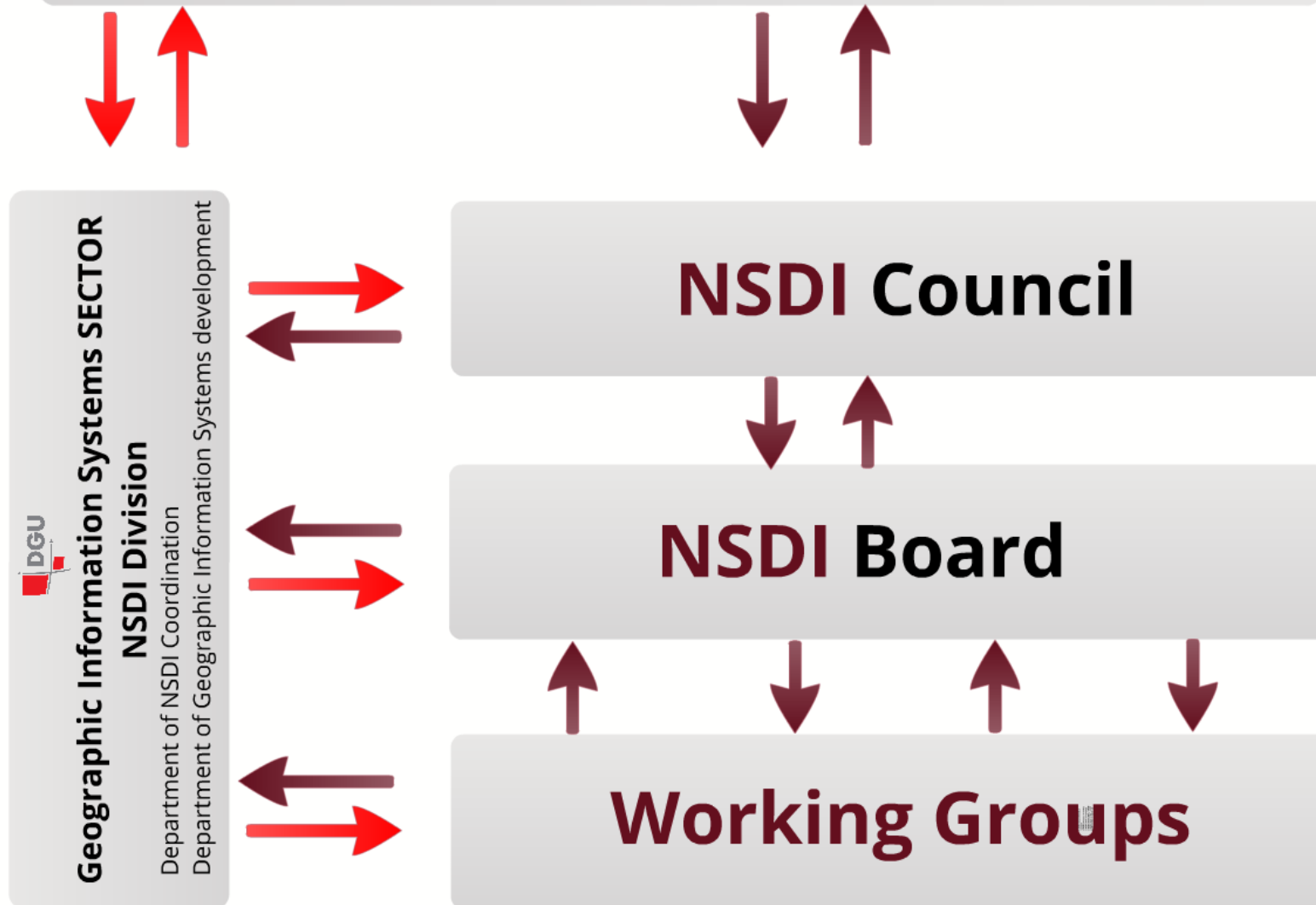
Autorizirani korisnici:

**Tražite li prostorne podatke?**

## 2012 - Current status

- Implementing Rules for Network Services in function of National Spatial Data Infrastructure (OG 46/12)
- Law on State Survey and Real Estate Cadastre (OG 16/07, 124/10)
- Implementing Rules for Metadata in function of National Spatial Data Infrastructure (OG 102/10)

# NSDI Stakeholders



- Working Group on Technical Standards
- Working Group on Data Sharing
- Working Group E-Government
- Working Group Capacity Building
- Working Group Business Models
- Working Group for Spatial Data

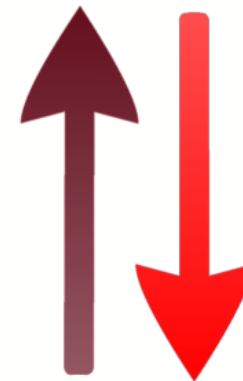




# Geographic Information Systems SECTOR NSDI Division

Department of NSDI Coordination

Department of Geographic Information Systems development

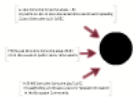


2013 - Croatia is obliged to transpose  
INSPIRE Directive until accession

 • NSDI Law 

• National GeoPortal

• NSDI Strategy



# • NSDI Law



- National GeoPortal
- NSDI Strategy

## Conclusion

- Legal framework already exist
- Organizational aspects are defined
- INSPIRE Transposition
- National GeoPortal

**Thx!**

infonipp@dgu.hr



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