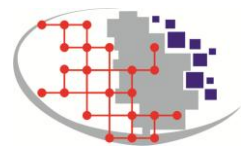


# Serbian SDI status

**Republic Geodetic Authority**  
Sector for Information and Communication



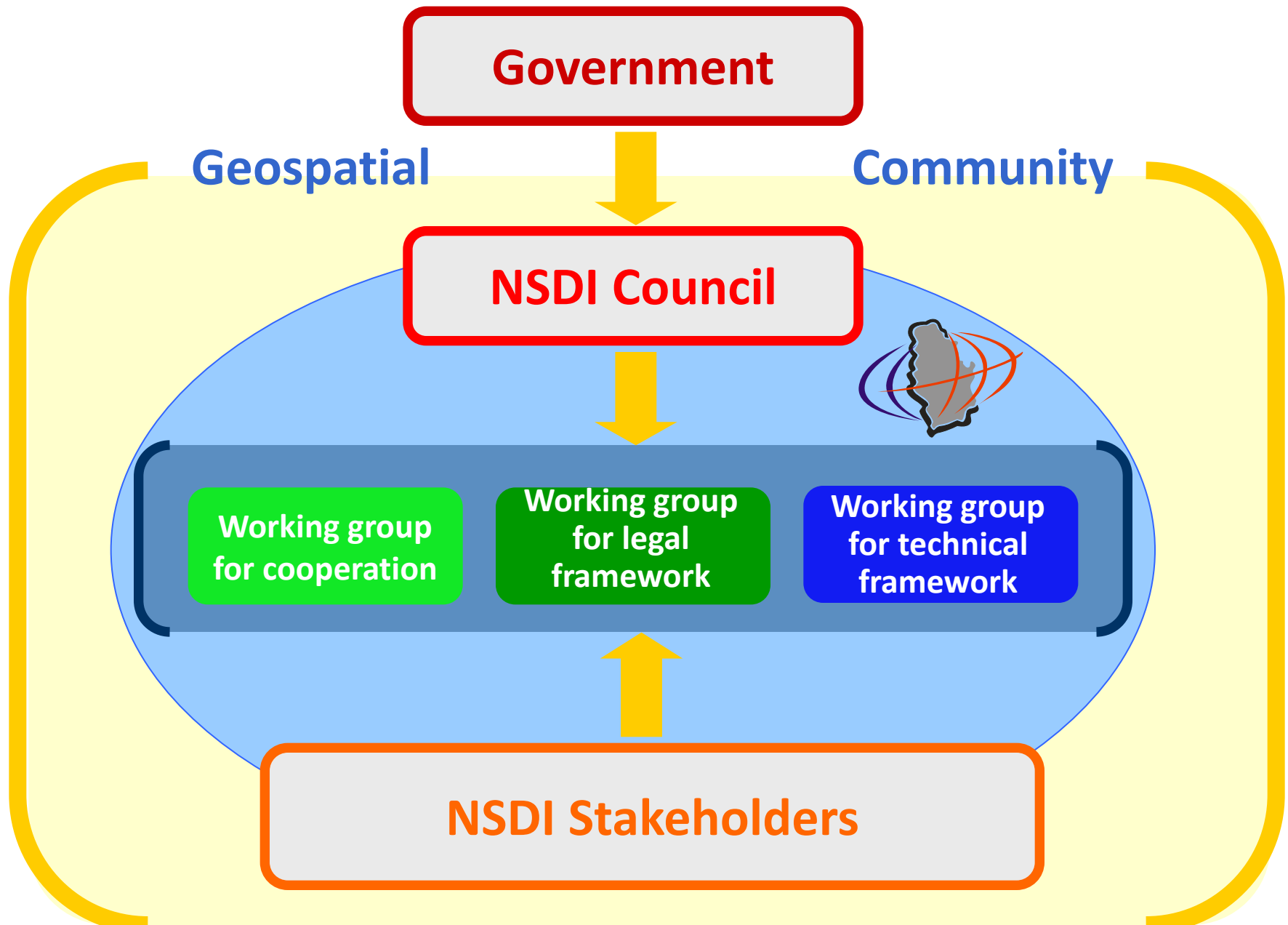
INSPIRATION project  
**INSPIRE Day**

Belgrade, 5<sup>th</sup> June 2013

## Institutional framework

- ✓ 2009: The **Law** on State Survey and Cadastre – Legal basic for NSDI establishment
- ✓ 2010: SDI **Strategy** of Serbia, period 2010 – 2012
- ✓ 2010: NSDI **Council** is appointed by The Serbian Government
- ✓ 2011: Decision on establishment of the NSDI Working groups
  - **Working group for cooperation** [19 members]
  - **Working group for legal framework** [10 members]
  - **Working group for technical framework** [23 members]
- ✓ 2011: **Medium term program** for NSDI, period 2011 – 2015

# NSDI Bodies

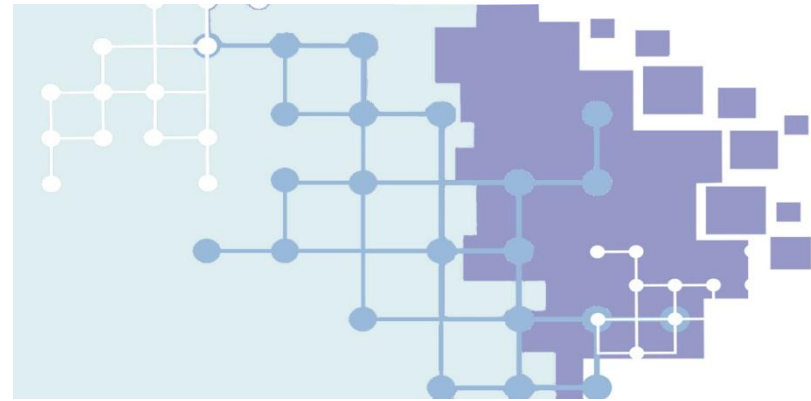




## Technical framework

- ✓ 2009: Initial **Geoportal** [[www.geosrbija.rs](http://www.geosrbija.rs)] was launched
- ✓ 2010: **Metadata** – Proposal of metadata profile for geodata
- ✓ 2011: **Metadata** – Metadata Editor  
[INSPIRE + ISO 19115 + ISO 19139]
- ✓ 2009 – 2012: Geodata and WMS services provision for **data publishing** via the geoportal (orthophoto, cadastral parcels, addresses, administrative units, topographic, thematic maps, stakeholders/sector's spatial data and etc.)





## → 2012: Activities

→ NSDI Technical Infrastructure development

→ Institutional framework: Cooperation

⇒ Analysis of current situation of regulation in geoinformation area

⇒ Geodata sharing policy: Recommendation for cooperation model

⇒ Survey of geo-sector status: Analyse of current status and needs

## Technical Framework Document

should support specifying **core standards** for data and services implementation within the Serbian NSDI

Standards for implementation in the Serbian NSDI:

- NSDI framework components
- Relevant standards for the identified components in sense of:
  - Framework
  - Metadata
  - Data
  - Services
  - Security and DRM
- Categorisation of standards
  - A core, optional and future needed standards suite





## Analysis of current situation of regulation in geoinformation area:

- International acts (INSPIRE directive, PSI directive on the re-use of public sector information, Directive on public access to environmental information)
- National laws
- Jurisdictions of public entities regarding geodata
- Registers and Databases for geodata
- Responsibility related to INSPIRE themes per the Annexes
- Availability of geodata under public entities ownership (access to geodata, condition for sharing and exchange, pricing policy)



# Institutional framework: Cooperation

## Cooperation model:

- It is needed to define model for cooperation in order to make good condition for share and use of geodata

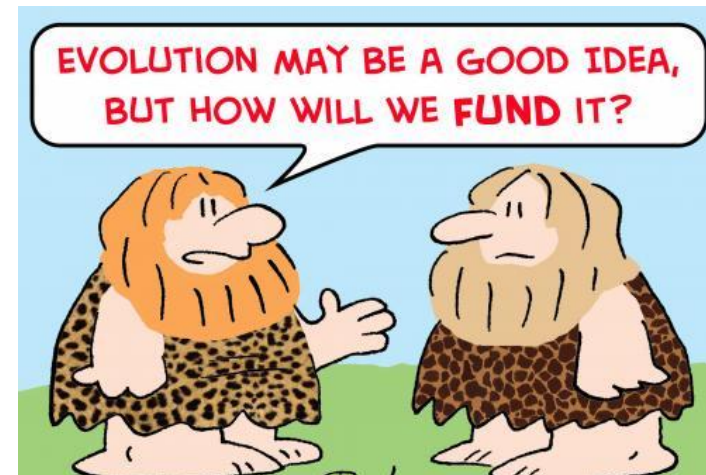
## ? Pricing and licensing

- Existing different business models for public entities operation
  - Funded by government
  - Commercial
  - Others somewhere in between
- Complex legal framework

## ? Cost/benefits of the open data approach

How to find sustainable financing?

**Open data:** driving growth of geoinformation use







## Survey of geo-sector status – State of play in Serbia

Analyse of current capacities, available geodata and services as well as further needs within geoinformation field in Serbia

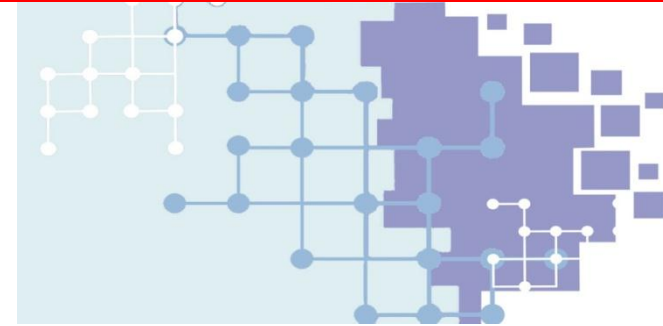
- Organization's details with existing resources and capabilities
- Available spatial data and services in relation to INSPIRE themes
- Cooperation among stakeholders (policy for data exchange)
- Standardisation

Focus group: NSDI stakeholders





## **2013: Ongoing activities**



- State of play: Survey and analysis of current status and needs within geo-sector
- NSDI Technical Framework Document (implementation of core standards for data and services)
- Draft of NSDI Strategy for period 2013 – 2015
- Full transposition of INSPIRE directive to the national legislation: draft Law on NSDI
- Draft agreement for NSDI cooperation among stakeholders



[www.eurogeographics.org](http://www.eurogeographics.org)

## EuroGeographics products:

EuroBounradyMap 1:100 000

EuroGlobalMap 1:1 000 000

EuroRegionalMap 1:250 000





[www.rgz.gov.rs](http://www.rgz.gov.rs)

[www.geosrbija.rs](http://www.geosrbija.rs)

