





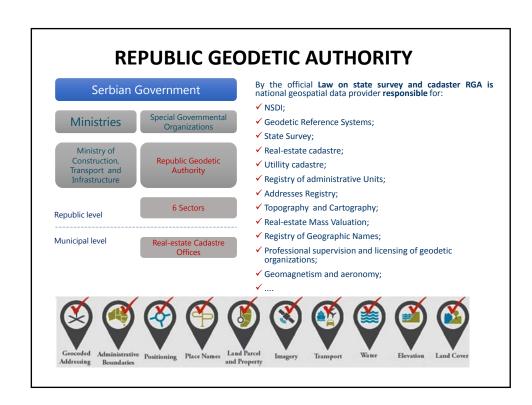






Integrated Geospatial Information Framework in Serbia in support of Government priority areas

Darko Vučetić, Republic geodetic authority





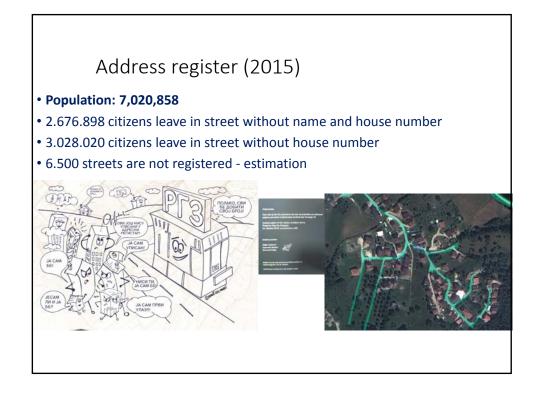














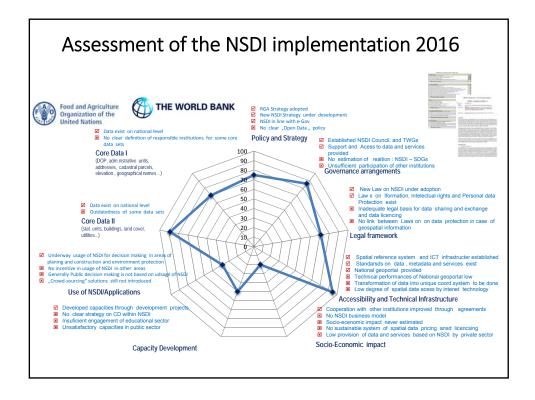












- ⇒Data are outdated
- ⇒Heterogeneity of IT infrastructures
- ⇒Duplication-cost and efforts
- ⇒Lack of standards
- ⇒Low accessibility
- ⇒Data sharing not functional
- ⇒Unclear regulation and licences
- ⇒No coordination
- ⇒Others lack of technical knowledge, limited financial and human capacities....





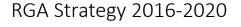
















The overall goal - support the economic reform of the Government by effective provision of information in the sphere of real-estate and geospatial related activities for the fast, easy and rightfull decision-making at all strategic levels.

VISION

The Republic Geodetic Authority will provide reliable and updated geospatial and property data, in a standardized and readily accessible manner, for the purpose of sustainable social and economic development of the Republic of Serbia.

MISSION

The Republic Geodetic Authority is a respectable public service attending to citizens, economy, and state, adjusting its operation, volume, and quality of services and data to the international standards and norms, as well as with user requirements noted.

The Republic Geodetic Authority is a governmental institution competent for the official national register of properties and property rights holders.

The Republic Geodetic Authority is a governmental institution competent for providing services in the domain of geospatial data management for the purposes of society and state, actively participating and assisting other governmental organs to implement activities aimed at meeting pre-accession commitments in the Republic of Serbia European integration process.

















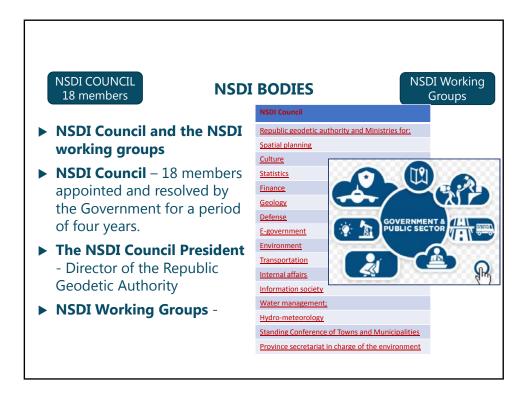












Obligations of NSDI Responsible Stakeholders

- ► To systemize the appropriate number of job positions in a bylaw, with job description including the NSDI establishing and maintenance works
- ▶ <u>provide funds</u> necessary to perform their duties under the NSDI establishing and maintenance.
- responsible for the damage by acting or failure to act in line with the obligations defined by the Law, for which the Republic of Serbia shall be accountable pursuant to the European Union Legislation,



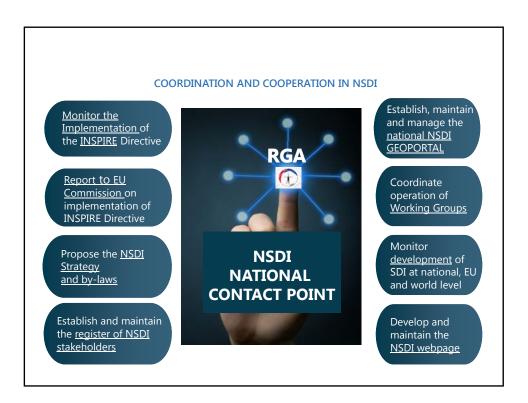


















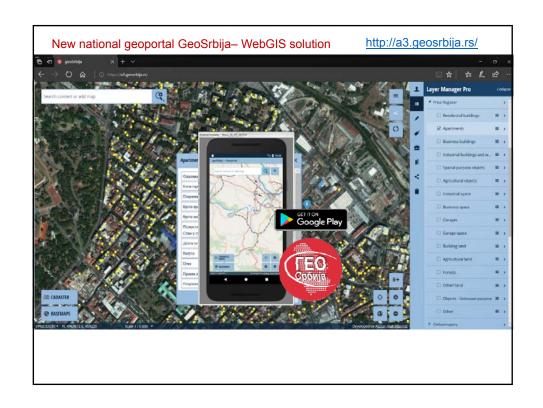






















Crowdsourcing

- The developed global reporting mechanism (UNSTATS, 2018) pointed to the need for data generated by civil society to be incorporated into the international process of monitoring and achieving the sustainable development goals.
- "Countries around the world will have to support projects that promote public participation in measuring progress towards the sustainable development goals."
- Crowdsourcing is a part of broader trends in the creation of "user content" and the way to collect new and update existing geospatial data
- Large resource in the work of the state administration for making strategic decisions as well as managing strategic resources among which the environment certainly has a significant place.













NSDI DIGITAL PLATFORM

EXAMPLES:

- ☑ Updating Adress Register street system Government of Republic of Serbia
- ✓ Updating Waste Dump Sites Register Ministry of Envirnoment
- ☑ Register of Archaeological sites Ministry of Culture
- Location for Greenfield, Brownfield and Grayfield investments Local municipalities and Ministry of Spatial planning
- ☑ Expropriation planning Local municipalities
- Risk Register Disaster risk management and reduction Sector for emergency situation
- ☑ Flood hazard maps Ministry of Environment
- ☑ Updating Building Register Republic geodetic authority
- ☑ Mobile operators / Internet providers
- ✓ Planning of geodetic field works Private geodetic companies
- ✓ Analize of the railway intersection JSC Serbian Railways
- ☑ Vacation planning Citizens
- ☑

