






## SPATIAL DATA INFRASTRUCTURE (SDI) DIAGNOSTIC TOOL – COUNTRY ASSESSMENT - GEORGIA

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# GEORGIA

<b>Region</b>	Europe & Central Asia
<b>GDP per capita</b>	4345.52 USD
<b>Income Category</b>	Upper middle income
<b>Population</b>	3,729,600
<b>Capital</b>	Tbilisi

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**GOVERNANCE AND INSTITUTIONS**

Decree of Government of Georgia No 262  
October 9, 2013


**Policy Level**  
Governmental Commission

**Technical Management Level**  
Secretariat

**Operational Level**  
Thematic Working Group

Coordinator - National Agency of Public Registry


- PR WG
- GIS WG
- IT WG
- Legislative WG
- Business Model WG
- Education WG



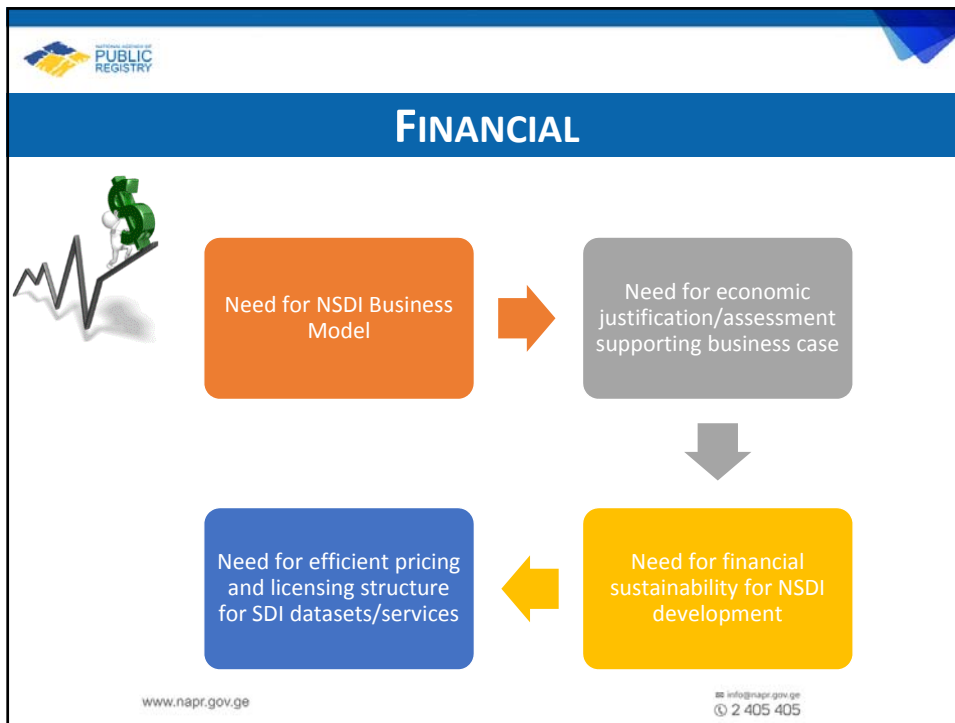
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**POLICY AND LEGAL**

- Strategy
- Draft Law on NSDI
- Action Plan for 2018-2019
- Draft Government Decree on METADATA
- No licensing of geodata lack of reporting mechanism
- Draft Government Decree on Geodata Categorization
- Laws on Data Protection & Security - not covering geodata
- Draft Agreement on Geodata Sharing



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**DATA**


**Data Themes, Acquisition and Management**

- Data themes are based on INSPIRE and ISO, defined in the draft law on NSDI, though not yet mandated
- Some critical datasets created and maintained though improvements are needed.
- Single national geodetic reference and coordinate system **in place**
- Well-functioning GeoCORS covering Georgia (accuracy ca. 1.5 cm.)
- Integrated geodata management needed


**ICT Infrastructure and Data Delivery**





- ICT infrastructure under development for:
  - sharing and distribution of national geospatial data
  - capture, management & maintenance of national geospatial data
- Increasing trend of using open source software and database
- Geoportal V. 1.0 (datasets (97) and services (21) of five authorities available, but not yet fully functional)

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## INNOVATION



-  Georgia's Innovation and Technology Agency (GITA)
-  Lack of incentives for innovation using geodata
-  Need for academic and private sectors in geodata related research programmes
-  Need for Bridging the Digital Divide


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## STANDARDS

- International standards for geospatial data, metadata and services used (ISO/TC 211, OGC, INSPIRE)
- Use of geospatial standards - not mandated, but followed in procurement of geospatial software&services
- No regulation or law yet that mandates the use of geospatial standards
- National Agency for Standards and Metrology - a mandated authority for standards, member of ISO




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**PARTNERSHIPS**

- Duplicated datasets identified through inventory – hydrography, road network
- Government agencies collaborating in creation of geospatial data – few examples, increasing trend
- Some examples of involvement of academic sector and the sector in development related to geospatial information – NSDI WGs, GIS Lab
- Need for more intensive international collaboration – for capacity building and sharing best practice examples



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**CAPACITY AND EDUCATION**

Few examples of knowledge sharing between institutions

Need for Advanced Professional Workplace Training

Lack of formal education

SDI needs not addressed by R&D Community



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**COMMUNICATION AND ENGAGEMENT**

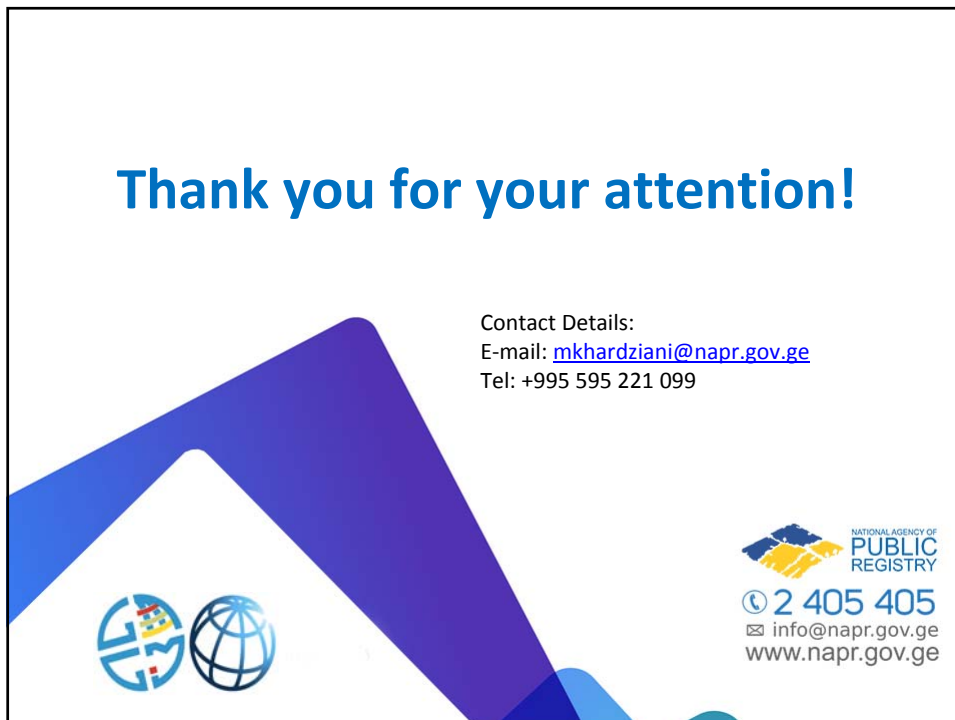
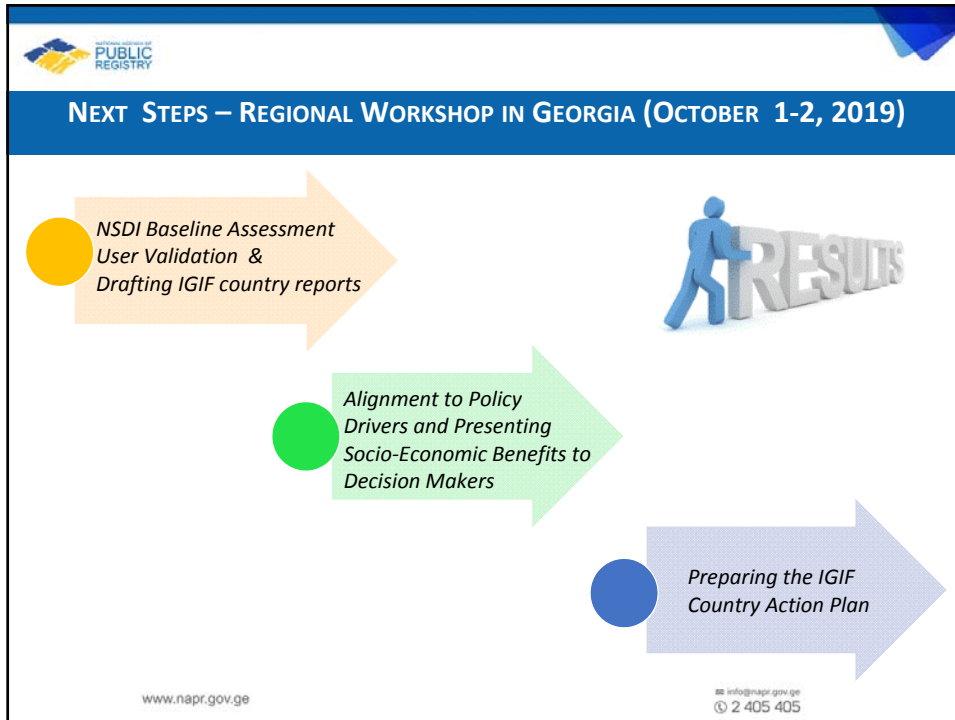
- NSDI Communication & Action Plan
- NSDI Information meetings & WSs
- NSDI Brochure & Web-page
- Need for Monitoring & Evaluation mechanism

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**RESULTS OF COUNTRY ASSESSMENT**


Category	Current Status
Governance	34
Policy	39
Financial	14
Data	57
Innovation	23
Standards	22
Partnerships	30
Capacity	28
Communication	49
<b>Overall Score</b>	<b>33</b>


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**Thank you for your attention!**

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