

Agency for Land Relations and Cadastre of Moldova



Integrated Geospatial Information Framework in Moldova: State of play 2019



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NSDI Working Group



UN GGIM "Third International Workshop on Operationalizing the IGIF", Minsk, Republic of Belarus, 26-28 November 2019

Executive summary

- √ Introduction
- V Integration Geospatial Information Framework in Moldova: state of play 2019
- √ Moldova: NSDI Diagnostic Tool Uses
- √ Strategic Partners
- √ Main challenges
- **√** Conclusions

IGIF Spatial Data Diagnostic Tool

IGIF Diagnostic Tool: A questionnaire with scores and set of 9 indicators

- Policy and Strategy
- · Governance arrangements
- Legal Framework
- · Accessibility and Technical Infrastructure
- Socio-economic impact
- · Capacity Development
- Use of NSDI / Applications
- Core Datasets
- · Thematic datasets

Country Assessment

- Existing NSDI components
- Missing NSDI components
- Improvements
- · Necessary investments.

IGIF: Spatial Data Diagnostic Tool of Moldova

Launched in May 2019

Conducted in 22 Key Organizations / Stakeholders

- 1 Ministry of Agriculture, Regional Development and Environment
- Ministry of Health, Labour and Social Protection
- 3 Agency for Land Relations and Cadastre
- 4 The State Road Administration
- Military topographic service 6 National Bureau of Statistics
- 7 Agency "MOLDSILVA"
- Energy Efficiency Agency
- 9 Agency "Waters of Moldova"
- 10 Agency for Public Services
- 11 Agency for Geology and Mineral Resources
- 12 S.E. Moldavian Air Traffic Services Authority
- 13 S.E."The State Planning Institute for Land Management"
- 14 S.E. "INGEOCAD"
 15 S.E. "Forest Research and Development Institute"
- 16 General Inspectorate for Emergency Situations
- 17 Institute of Ecology and Geography
- 18 Municipality of Chisinau
- 19 Orhei city Hall
- 20 Technical Univercity of Moldova
- 21
- 22 Union of geodesists, geologists and cadastral engineers of Republic of Moldova

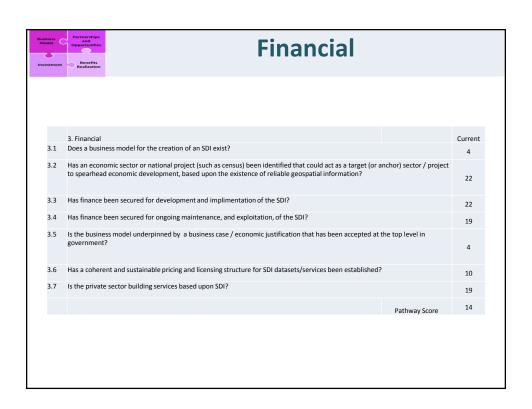
Outputs

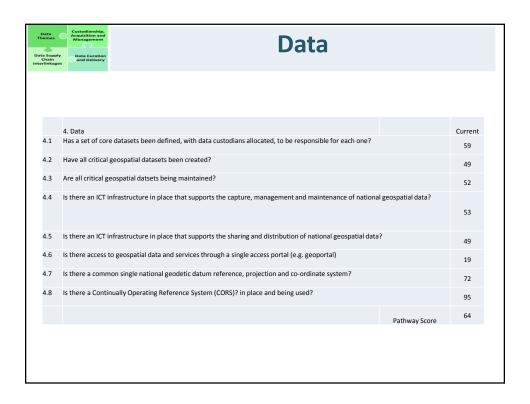
Outputs:

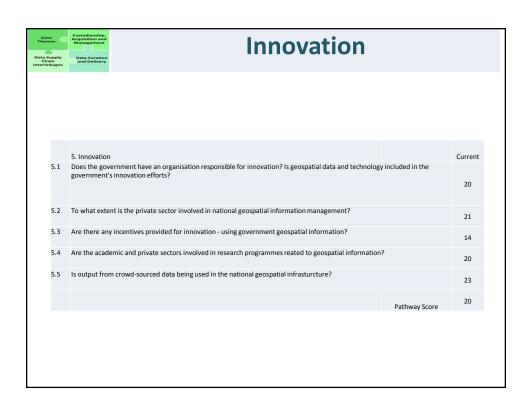
- Completed questionnaire based on interviews
- Scores for 9 categories
- Draft Assessment Report
- List of priority sectors and datasets for socio-econ assessment

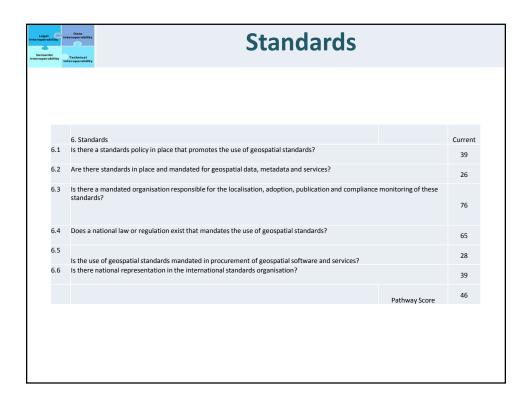


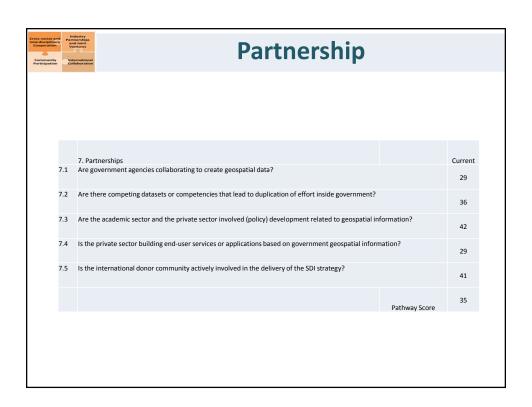


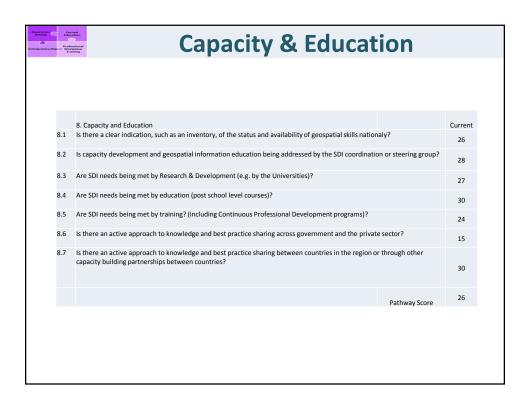


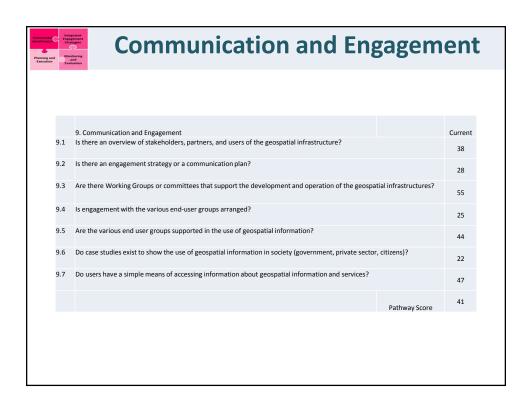




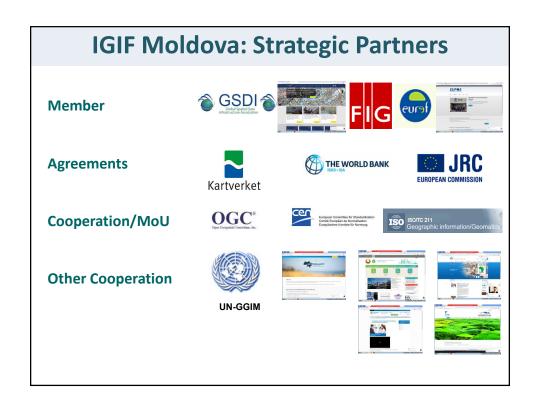








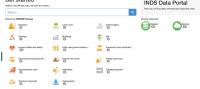
	Current Status	tatus and conclusion
		Current Status
Governance	53 43	
Policy Financial	14	Governance 100
Data	64	
Innovation	20	90
Standards	46	Communication 80 Policy 70 60 50 50 60 30 Financial 10 60 60 60 60 60 60 60 60 60 60 60 60 60
Partnerships	35	
Capacity	26	
Communication	41	
Overall Score	38	Partnerships Data
		Standards Innovation



IGIF Moldova: Strategic Partners

Moldova: WB Project for \$35 million 2018-2024 C3. Support to the National Spatial Data Infrastructure (EUR 1.4 million)

- A Business Plan for NSDI
- Expansion of the current pilot project
- Datasets
- Integration with EU INSPIRE Geoportal
- · Capacity building
- Standards
- CORS network support



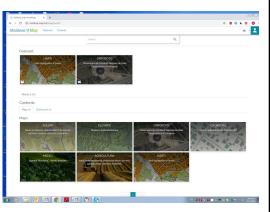


http://www.geoportalinds.gov.md/

IGIF Moldova: Strategic Partners

Moldova: Norwegian Technical Support for NSDI 2006-2019

- Orthophoto images 2007
- Digital Terrain Model 2007
- GNSS MoldPOS Net
- Digital Maps for risk area
- · MoldLIS in Cadastre
- Orthophoto images 2016
- Digital Terrain Model 2016
- Base Maps for NSDI (60 %)



https://moldova-map.md/mapstore/#/

IGIF Moldova: Strategic Partners

Moldova: EU Twinning for NSDI 2020-2022 (Euro 1.8 mil.)

Improved Spatial Data Services in the Republic of Moldova following EU standards



Objectives: To enhance e-government through improved spatial data sharing and cooperation among authorities in line with EU standards and best international practices.

- Update NSDI Legal framework
- Support on harmonization of spatial data based on common standards
- Support in development of standardized network services for sharing of spatial data
- · Capacity building in the field of NSDI

Thank you for your attention!