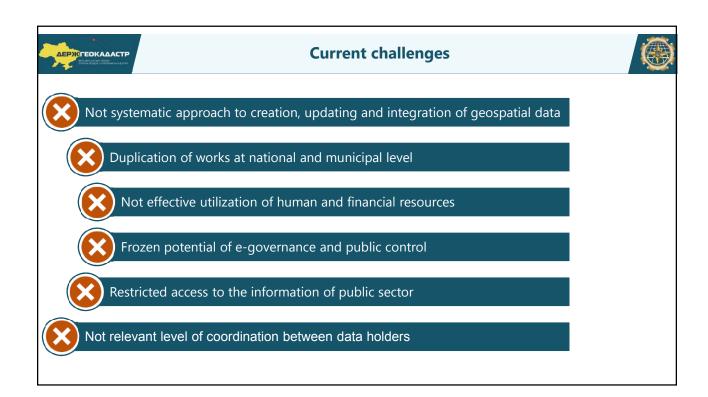


IGIF: national initiatives & progress

Dmytro Makarenko
State Service of Ukraine for Geodesy, Cartography and Cadastre

26-28 of November 2019, Minsk, Belarus

LAND.GOV.UA



ΔΕΡΧ(ΓΕΟΚΑΔΑСΤΡ

Integrated Geospatial Information Framework – a perfect tool ...





At 8th UN-GGIM meeting in August 2018 part 1 of IGIF **"Overarching Strategic Framework"** was adopted

- p. 2 «National implementation guide»
- p. 3 «National or Regional action Plans»

9 STRATEGIC PATHWAYS WERE IDENTIFIED:

1 Governance and institutions

 $\mathbf{4}_{\mathsf{Data}}$

7 Partnership

2 Legal and Policy

5 Innovation

8 Capacity & Education

3 Financial

6 Standards

9 Communication & engagement

What is there in geospatial Ukraine now?

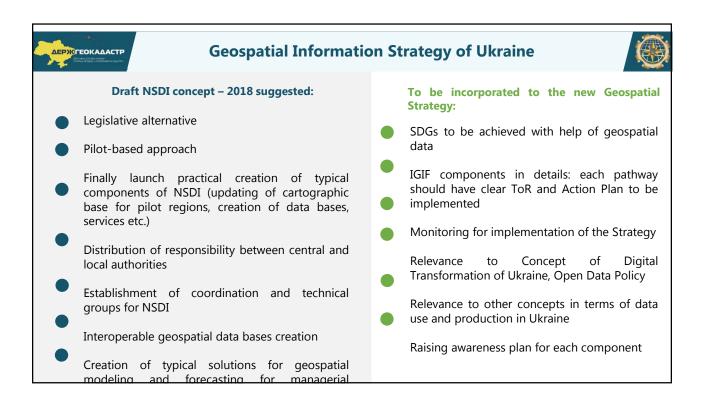


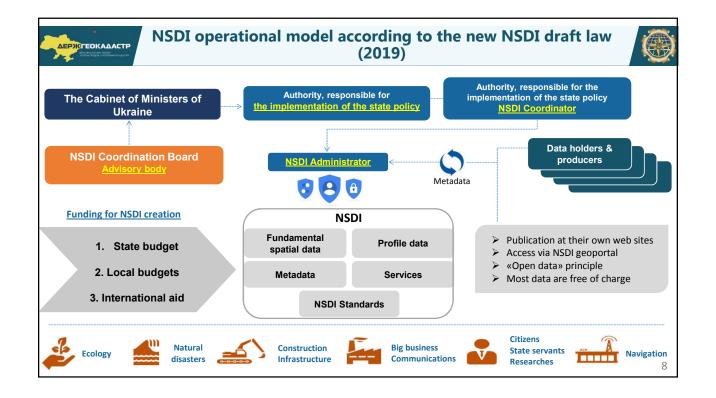
STRATEGIC IDENTIFIED:

- National Geospatial Information Strategy
- Adoption of the NSDI Law
- Development of Order for NSDI Administration

ACTIONS

- Raising awareness about NSDI in general and digital initiatives
- Engagement of stakeholders (central and municipal governmental sectors and then - private)
- Practical cooperation between data holders
- Transformation of NSDI subgroup into the technical working group and establishment of high level coordination committee







Norway project "Maps for sustainable land governance"



General Objective:

To create the digital topographic base map (1:50 000) & develop the state GNSS network in Ukraine.

Duration – **2.5 years** (April 2018 – Dec 2020), Budget – **36.7 mln. NOK (app. 4.5 mln. USD)**







Partners from Ukraine:

State Service of Ukraine for Geodesy, Cartography and Cadastre

Partners from Norway:

Donor: Norwegian Ministry of Foreign Affairs (NMFA) **Implementing Organization:** Norwegian Mapping Authority

Components & expected results:

- Digital maps production/updating 1 : 50 000
- Integration of existing maps and into seamless database
- Solutions for effective access to the maps (geo-portal)
- GNSS network establishment
- Staff training





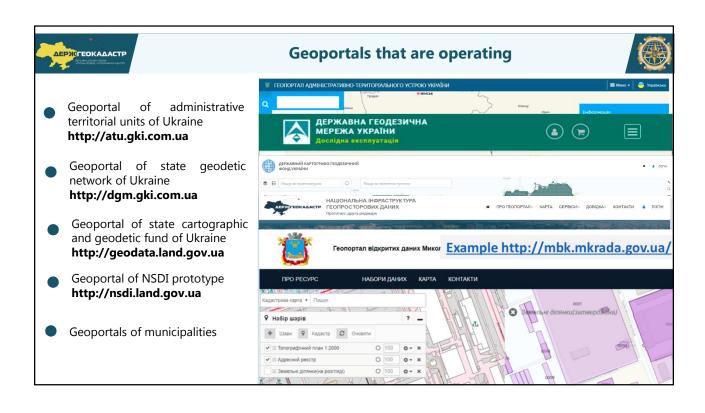
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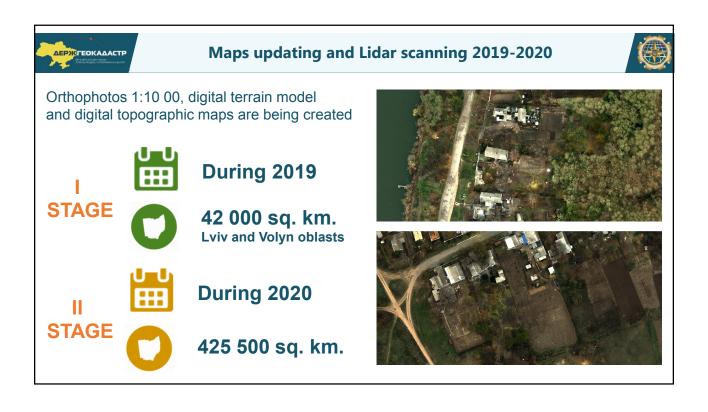
topographic maps sheets of 1:50 000

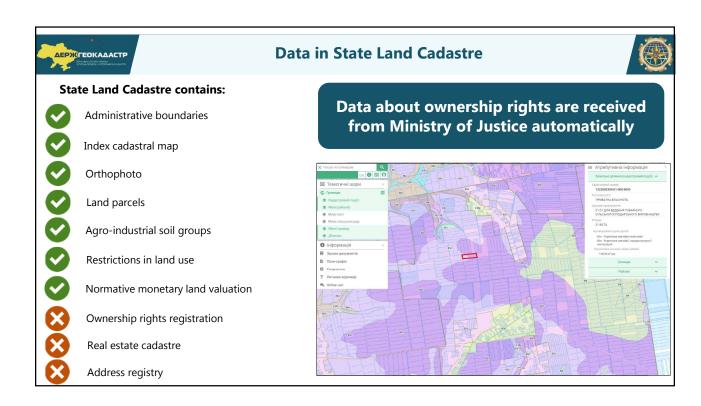


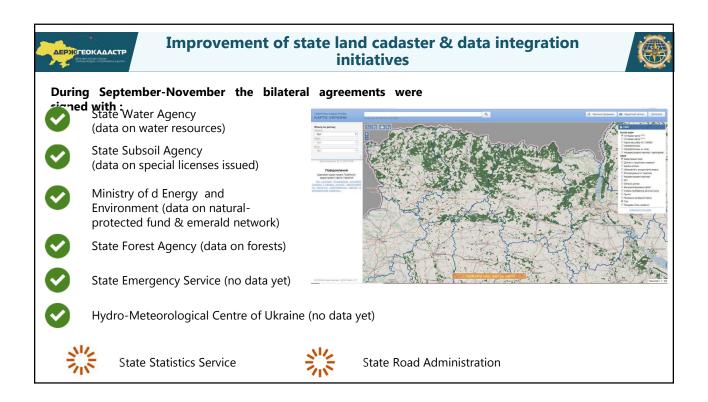
60 + GNSS stations

ДЕРЖГЕОКАДАСТР	Norway project : development of partnership
I PRIORITY	- Initial assessment on IGIF in Ukraine with participants from Ministry of Defense, State Statistics Service and State Road Administration; - Study Tour to Georgia for 8 participants from Ukraine
II PRIORITY	Facilitating the cooperation - Joint event under Norwegian "umbrella" on registers development to be organized in early 2020.
III PRIORITY	- PR campaign to attract more participants and data holders to the process and explain more about what we are doing
	- Training on different areas will be conducted

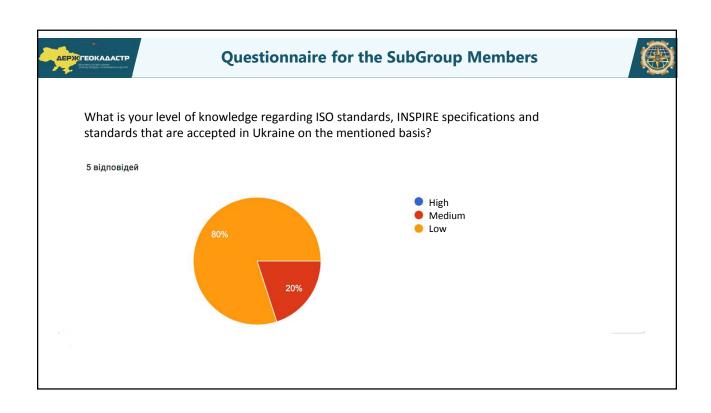








Coordination committee and technical working ΔΕΡ)ΚΓΕΟΚΑΔΑ**С**ΤΡ groups **Challenges:** Working Group of Ministry of Economy, Trade and Agriculture of Ukraine 1.Not enough capacity to organize and hold the meetings. 2.Low level of involvement from the stakeholders. Sub-Group on Sub-Group on World Bank Sub-Group on NSDI Coordination Monitoring of Land **Project Implementation** 3. How to attract private sector and NGO and Relations preserve the initial goal? **Topics that were already covered by the SubGroup:** Ministry of Ecology, Natural resources and Energy StateGeoCadastre Ministry of Defense 1. NSDI Strategy 2. Geospatial Data Standards **State Enterprises State Space Agency** 3. Draft Law on NSDI State Energy Efficiency Agency State Service for mergency Situations State Statistics Service 4. IGIF issues **State Road Administration** Ministry of Infrastructure **State Railway Company** 5. Authoritative Data 6. Messages from EU and global geospatial community 7. Standards





Conclusions



- Not clear final goal for all stakeholders
- Very contrasting environment in development of geospatial information
- Not sufficient capacity at "NSDI champion" to address all challenges
- Extremely high competition between public authorities and even state enterprises (data producers)
- Comprehensive training is needed for all stakeholders in conceptual issues, technical and language skills





Thank you!

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