STATE LAND CADASTRE IN UKRAINE under the Martial Law

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

22-23 of November 2022, Prague, Czech Republic
StateGeoCadastre: who we are and what we do?

State Land Cadastre of Ukraine: challenges of 2022

Public Cadastral Portal and e-services

Dynamics of Ukrainian cadastre

Priorities and support for further cadastre development
Whole area **603 549 km²**

5.7% of the European territory

20.7% (125 000 km²) is occupied by Russia

~ **4700** missile rockets during **270** days of military aggression of Russia
StateGeoCadastre responsibilities and martial law restrictions

KEY DOMAINS OF RESPONSIBILITY:

- Topography, geodesy, mapping
- State Land Cadastre
- Spatial Data Infrastructure
- Land use & protection
- Control for land use
- Administrative services

- The Martial Law
- Resolution of the Cabinet of Ministers of Ukraine on the maintenance and functioning of the State Land Cadastre under martial law dated March 12, 2022 No. 263:
  - Public Cadastre Map closed for the open access
  - State Geodetic Network Geoportal closed for the open access
  - NSDI Pilot Geoportal closed for open access
What is there in State Land Cadastre of Ukraine?

State Land Cadastre system contains such data:

- Administrative boundaries
- Index cadastral maps
- Ortho-photo
- Land parcels
- Agro-industrial soil groups
- Complex plans of territorial development
- Functional areas
- Melioration systems and complexes

Auto Data Exchange with the Registry of Rights under Ministry of Justice of Ukraine (online)

- Ownership rights registration
- Real estate cadastre
- Address registry
Agricultural land market of Ukraine

March 2020 – Law on Agricultural land market adopted after 30 years of moratorium

July 2021 – the Agricultural land market officially was launched and moratorium lifted

State Land Cadastre & State Property Registry – the two crucial systems for the proper land market operation

During the first 100 days of the land market operation were sold:

28,288 land parcels were sold with total area 70.57 thousand hectares
Positive dynamic of the use of the State Land Cadastre data

**CONVENIENT AUTHENTICATION**

- Digital Signature
- BankID
- MobileID

**ACCESS TO KEY STAKEHOLDERS**

- ANTICORRUPTION BODIES
- POLICE
- FISCAL SERVICE
- LOCAL AUTHORITIES
- CENTRES FOR ADMINISTRATIVE SERVICES
- NOTARY OFFICERS
- LAND MANAGERS

- CENTRES FOR ADMIN SERVICES
- NOTARY OFFICERS
- LOCAL AUTHORITIES
State Land Cadastre in 2022

- **February 2022**: Suspension of the State Land Cadastre and the Public cadastral map.
- **March – April 2022**: Re-allocation of the physical system, Ensuring the data security.
- **May 2022**: Restoration the operation of the automated system of the State Land Cadastre.
- **September 2022**: Implementation of the functional for blocking of the access for selected territorial communities.
- **October 2022**: Functional for automated normative land valuation extracts for lands (inside the settlements) developed.
- **November 2022**: Functional for automated normative land valuation extracts for agricultural lands (outside the settlements) developed.
- **July 2022**: Negotiations on the cloud-based cadastre are ongoing.
Operation of the State Land Cadastre

- The List of Territorial Communities Located in the Area of Military (Combat) Operations or Temporarily Occupied, Surrounded (Blocked) is being approved by the Ministry of Reintegration of the Temporarily Occupied territories (monthly update)
- Order of the StateGeoCadastre dated 24.02.2022 No. 7-a "On suspension of the automated system of the State Land Cadastre and the Public cadastral map for:
  - Avoidance of manipulations with the SLC data
  - Employees’ life and health preservation
  - Personal data protection
- Order of the StateGeoCadastre "On approving of the administrative districts with terminated access to the State Land Cadastre

Territorial communities located in the military (combat) operations area or under temporary occupation, encirclement (blockade)

Oblasts where territorial communities are either partially located in the military (combat) area operations or have been affected (destroyed/damaged) as a result of military (combat) operations.
Dynamics of land parcels’ registrations

Registration of land parcels

- 2013: 1.2 mln.
- 2014: 877.7
- 2015: 726.3
- 2016: 936.4
- 2017: 1.1 mln.
- 2018: 1.2 mln.
- 2019: 1.5 mln.
- 2020: 1.6 mln.
- 2021: 600.3*
- 2022: 564

* Obtaining the land into ownership is prohibited during the martial period.
Due to closed public cadaster map the share of E-services went down.
Portal of E-services – has been operational during 2022

Exterritorial approach – is the key principle of the E-services operation

The business process of the exterritorial service:

Supply of the documents or request for the service

Center of Administrative Services

Automated system randomly choose any of the cadastral registers to fulfill the service

Typically it takes 5 days for the completion of the service

Ready service (extract, registration, etc) is sent to the Centre of Admin Services or to email

OR

Portal of E-Services

e.land.gov.ua
Two new fully automated services were implemented in 2022

From Oct 2022 extracts on normative land valuation

100 %

Online

In case of the information availability in the State Land Cadastre on both the land NMV of the settlement and the land plot itself

Extracts on normative land valuation of agricultural lands outside the settlements

262 433

1 006 868

Normative land valuation extracts within the settlement
## Major changes in Cadastre operation in 2022

<table>
<thead>
<tr>
<th>Exercise of authority by state cadastral registrars</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT WAS (PEACE TIME)</td>
</tr>
<tr>
<td>Powers are exercised by all registrars throughout Ukraine</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Publication of SLC information on the Public Cadastral Map</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT WAS (PEACE TIME)</td>
</tr>
<tr>
<td>All SLC information is public, the PCM is operating, all layers and information are published</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Access to SLC information on the coordinates of the turning points of the boundaries of SLC objects</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT WAS (PEACE TIME)</td>
</tr>
<tr>
<td>The information is contained in all forms of documents provided in the form of administrative services</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Procedure for disconnection (termination of access) to SLC registrars, other users</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT WAS (PEACE TIME)</td>
</tr>
<tr>
<td>Access to the SLC is terminated in case of appeal against decisions, actions, inaction, due to violation of the law; there is a possibility to restore access</td>
</tr>
</tbody>
</table>
Priorities under the Martial Period

Proper security of the national registries and data bases, mainly State Land Cadastre, NSDI and Geodetic Network

Hardware to ensure the security of the systems and registries

Cloud-based storage for the strategic systems’ operation

Stable energy supply for the systems’ operation
The blackout in Kyiv looks like...
THANK YOU FOR ATTENTION!

Dmytro Makarenko,
Deputy Chairman of the StateGeoCadastre

+380634669827

makarenko@land.gov.ua
d.makarenko89@gmail.com