

Submitted to United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM)

Country Report of Ukraine – 2019

Towards new horizons

prepared by the State Service of Ukraine for Geodesy, Cartography and Cadastre

Content:

• Succession and Innovations	3
1. New Leadership – New Approaches. “Cadastre 2.0.”	4
1.1. <i>Organizational reform and openness to innovations</i>	4
1.2. <i>State Land Cadastre</i>	4
1.3. <i>Land management</i>	5
1.4 <i>Inspection activities</i>	5
2. National Spatial Data Infrastructure	5
2.1. <i>Achievements</i>	5
3. International Cooperation	6
3.1. <i>Membership in international organizations</i>	6
3.2. <i>Projects implementation</i>	6
3.3. <i>Involvement in international events</i>	6

Succession and Innovations

The State Service for Geodesy, Cartography and Cadastre of Ukraine in 2019 continues to implement the last year's policies, especially what concerns the maintenance of the National Spatial Data Infrastructure.

Apart from this, it also has launched unprecedented reform of its own functioning and activities to be known under the title of "Cadastre 2.0". It became possible under the new leadership of StateGeoCadastre, namely under the fresh and innovative approach of newly appointed head – Denys Bashlyk.

Moreover, StateGeoCadastre continues to actively participate at international realm and cooperate with numerous international organizations at various events of regional and global scale.

The given report provides key achievements and results of StateGeoCadastre's activities throughout 2019 with specifying what needs to be done in the following year to come.

1. New Leadership – New Approaches. “Cadastre 2.0.”

On 28th of November 2019 Denys Bashlyk took post of the head of the State Service for Geodesy, Cartography and Cadastre. Almost immediately he presented an ambitious and unprecedented reform of the given government entity entitled “Cadastre 2.0. Transparency, accessibility and Innovations”. Considering the historical event of the full-fledged land market coming into being the following achievements and plans for the future will facilitate the best possible start of the land market in Ukraine.

1.1. *Organizational reform and openness to innovations*

At the end of 2019 a complex reform and assessment of activity of StateGeoCadastre and its regional bodies were launched. They include such steps as follows:

Department of quality control services was introduced (achievement to maximize services and client orientation, a priority that will solve issues instead of "red tape");

Regular meetings in the format of "Government-to-business" were presented to discuss and resolve issues of private companies and foreign investors ;

A comprehensive inspection of the work of the territorial bodies of the StateGeoCadastre was carried out;

Public receptions have been opened in each territorial body of the StateGeoCadastre

The Public Control Council under the StateGeoCadastre was established. Its functions will include the control of the professional community over key decisions of the body and recommendations for further activities.

Automatic online publications came into being:

-in all decisions of the territorial bodies of the StateGeoCadastre on the disposal of agricultural lands of state ownership;

-conclusions on the results of consideration of land management projects for the allocation of land.

The further activities will include:

- Ensuring the transparency of advisory bodies, cooperation with major stakeholders enhancement ;
- Privatization of State Enterprises and optimization of activities;
- Updating the Public Cadastre Map with the new informational layers and information on land valuation.

1.2. *State Land Cadastre*

In 2019 a simplified reading access to the data of the State Land Cadastre for local self-government and the professional community became effective. It provided access to information on the coordinates of all objects of the State Land Cadastre, including information on the boundaries of settlements, which greatly facilitates and reduces the cost of work, including work on the normative monetary valuation of settlements .

The service of automatic free online check of the exchange file for its correctness and validity has been introduced. It will significantly reduce the percentage of failures of cadastral registrars and will stimulate the filling of the State Land Cadastre. The average failure rate in Ukraine as of 02/27/2020 was 10% (against 30% in 2019)

A list of cadastral registrars and their decisions has been opened (reduction of corruption factors and fight against "black registrars")

For the first time, the official online integration of spatial data of the State Land Cadastre with address registers of cities, urban conditions and restrictions, as well as red lines has been launched, and a geoportal of the pilot project has been launched.

1.3. Land management

An inventory of 1,07 million hectares of state-owned agricultural land was completed and entered into the State Land Cadastre.

Simplified extraction from the register of certified land surveying engineers has been done. This step will allow members of the professional community to receive information quickly and conveniently online.

The need to develop only paper documentation on land management has been abolished (simplification of the documentation development procedure - now only in electronic form).

More than 1 million land management projects for land allocation have been developed on the principle of extraterritoriality.

The principle of extraterritoriality is enshrined in law for the coordination of all types of land management documentation.

An updated electronic register has been opened for certified land surveying engineers. Now it is possible to change information about yourself online with shortening the procedure and reducing corruption risks).

Control and responsibility for the term of leases of state-owned lands have been strengthened.

1.4 Inspection activities

Publication of all decisions of territorial bodies on granting permits for removal and transfer of fertile soil layer has started.

The administrative service of issuing a permit for removal and transfer of the fertile layer of soil has been simplified.

A portal of Remote Vertical Profiling of Land with data on of the land used for effective inspections has been launched

Access to the conclusions of the state examination of land management documentation and the results of state control is open

2. National Spatial Data Infrastructure

One of the top priorities of StateGeoCadastre is to create and develop national spatial data infrastructure. This activity encompasses creating, updating, processing, storing and exploiting of spatial data by a wide range of geodesy and cartography users through direct governance of these processes by the State Service for Geodesy, Cartography and Cadastre.

2.1. Achievements

- The development of draft law on “National Spatial Data Infrastructure” the given draft fully complies with the EU INSPIRE Directive.
- Development of Resolution of the Cabinet of Ministers of Ukraine “On some issues of the height system application of UELN/EVR2000 (United European Levelling Network/European Vertical Reference System of 2000)”. The given drafts fully comply with the EU INSPIRE Directive
- The international conference on NSDI development in Ukraine “GeoDigital Ukraine” was conducted in May 2019.

The other achievements include:

- Preparation for the accession of levelling (heights) system of the State Geodesy Network to the UELN (United European Levelling Network)
- distribution throughout the territory of Ukraine of the UELN/EVR2000 system of heights;
- launch and development of Ukrainian permanent operating network of global navigation satellite system monitoring under the State Geodesy Network;
- maintenance of the State Registry of Geographical Names concerning objects' geographical names situated in the territory of the state;
- development of geoinformational element for maintaining and functioning of National Spatial Data Infrastructure
- initiation of inter-branch integration of spatial data and of cadaster data.

Furthermore, in 2020 such activities are scheduled to further the development and implementation of the National Spatial Data Infrastructure:

- Legal framework on interoperability of State geoinformational resources
- Implementation of INSPIRE principles and IGIF strategy
- Free and open geospatial data
- Introduction of Land Relations Monitoring portal

3. International Cooperation

As of 2019, StateGeoCadastre had numerous achievements and fruitful cooperation at international realm.

3.1. Membership in international organizations

During the year Ukraine has expanded its presence in land-related organizations. One of the most prominent achievements was to receive an observer status at the Permanent Cadastre Committee in the European Union. Therefore, Ukraine became the first Eastern Europe non-EU member state that has ever accomplished this.

In 2019 Ukraine entered into the European levelling network. Due to examination of 18,300 levelling points, Ukraine proved it is in conformity with European standards and is ready to improve the quality of data.

3.2. Projects implementation

1) "Maps for good Governance" Project held under the auspices of Kartverket. As a result, the creation of updated digital base map 1:50000 of the territory of Ukraine was launched.

2) The collaboration with the Norwegian Mapping Authority on the implementation of the International Geospatial Integrated Framework (IGIF) was launched.

3) The National Report of Ukraine (2015-2019) was elaborated and forwarded to the International Cartographic Association

4) The Report of Ukraine on the Standardization of Geographical Names was developed and sent to the United Nations Group of Experts on Geographical Names

3.3. Involvement in international events

- The State Service for Geodesy, Cartography and Cadastre of Ukraine partake in numerous international gatherings:

- The 22nd meeting of the East Central and South-East Europe Division within the United Nations Group of Experts on Geographical Names (UNGEGN) (13 February), Bratislava, the Slovak Republic;

- The first session of the UNGEGN (29 April-16 May 2019), New-York, USA;
- EuroGeographics General Assembly extraordinary session (14-16 May 2019), Leuven, the Kingdom of Belgium;
- The 9th session of the the Committee of Experts on Global Geospatial Information Management (UN-GGIM) (05-07 August 2019), New-York, USA;
- EuroGeographics General Assembly (07-11 October 2019), Manchester, Great Britain;