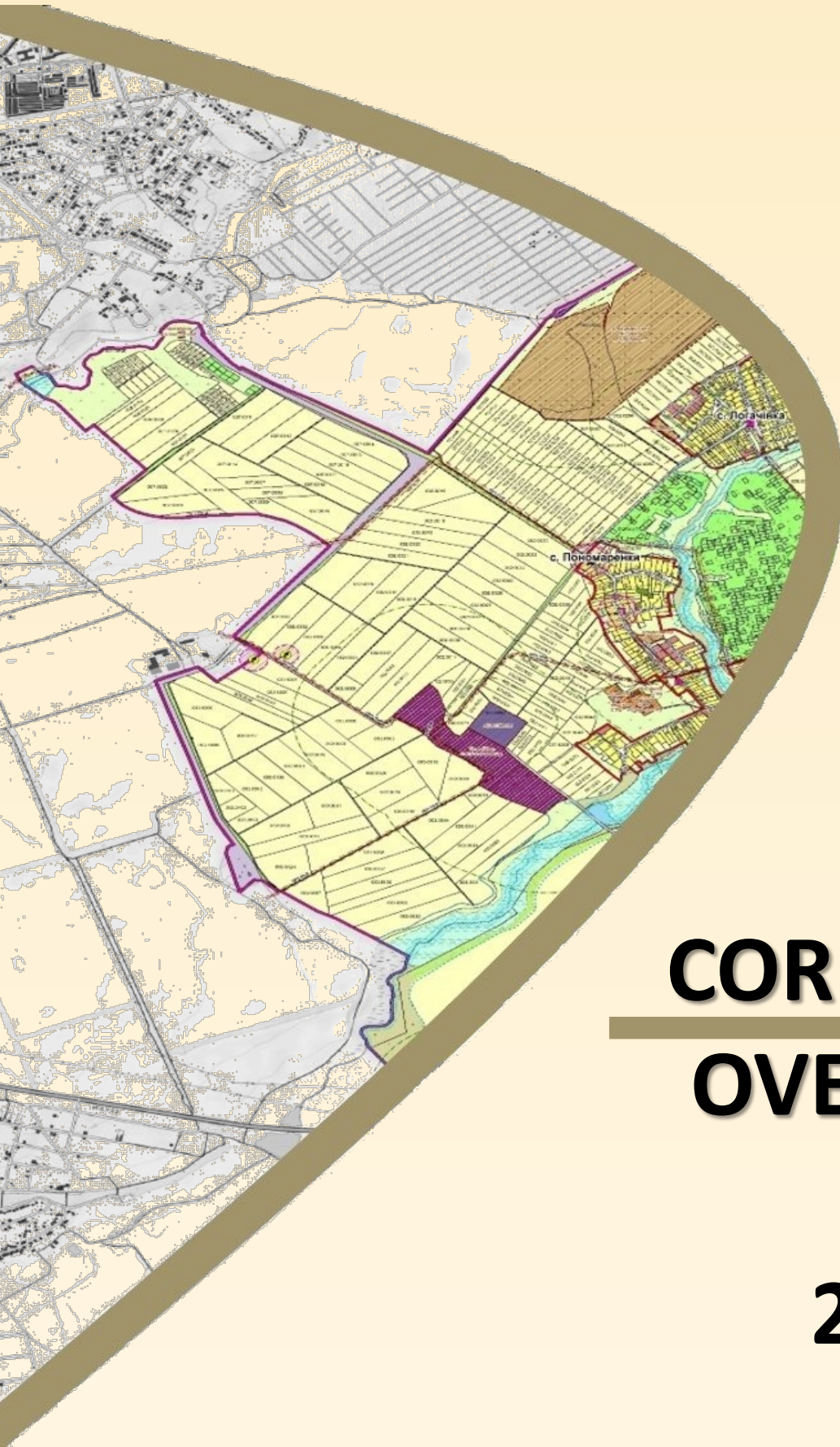




BLOM
INFO UKRAINE LLC



CORPORATE OVERVIEW

2022

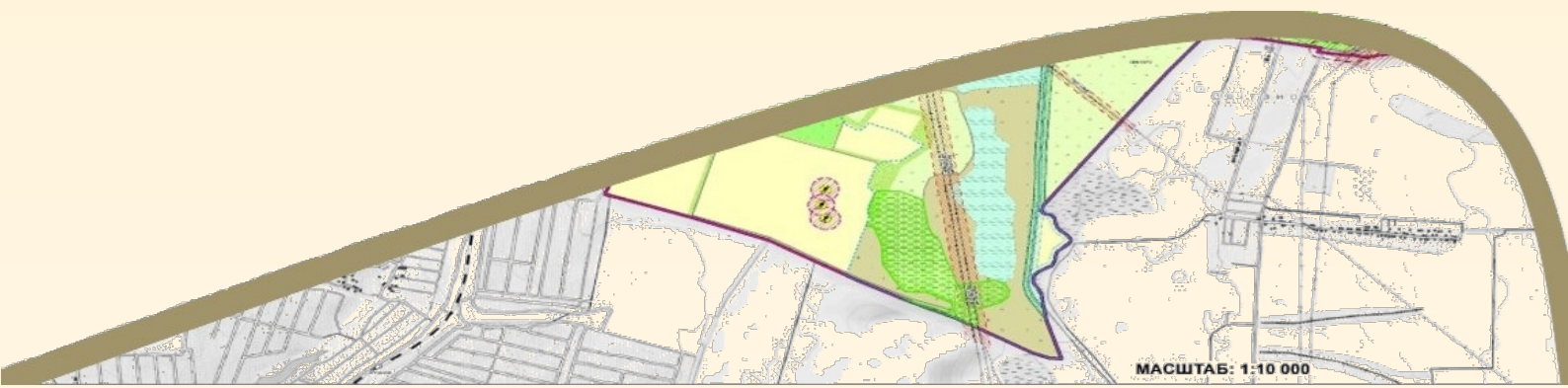
Our main postulates:

- The highest quality and cost-effectiveness of work;
- Complex services in the land management, topographic and geodetic, cartographic, urban and geographic information sectors.

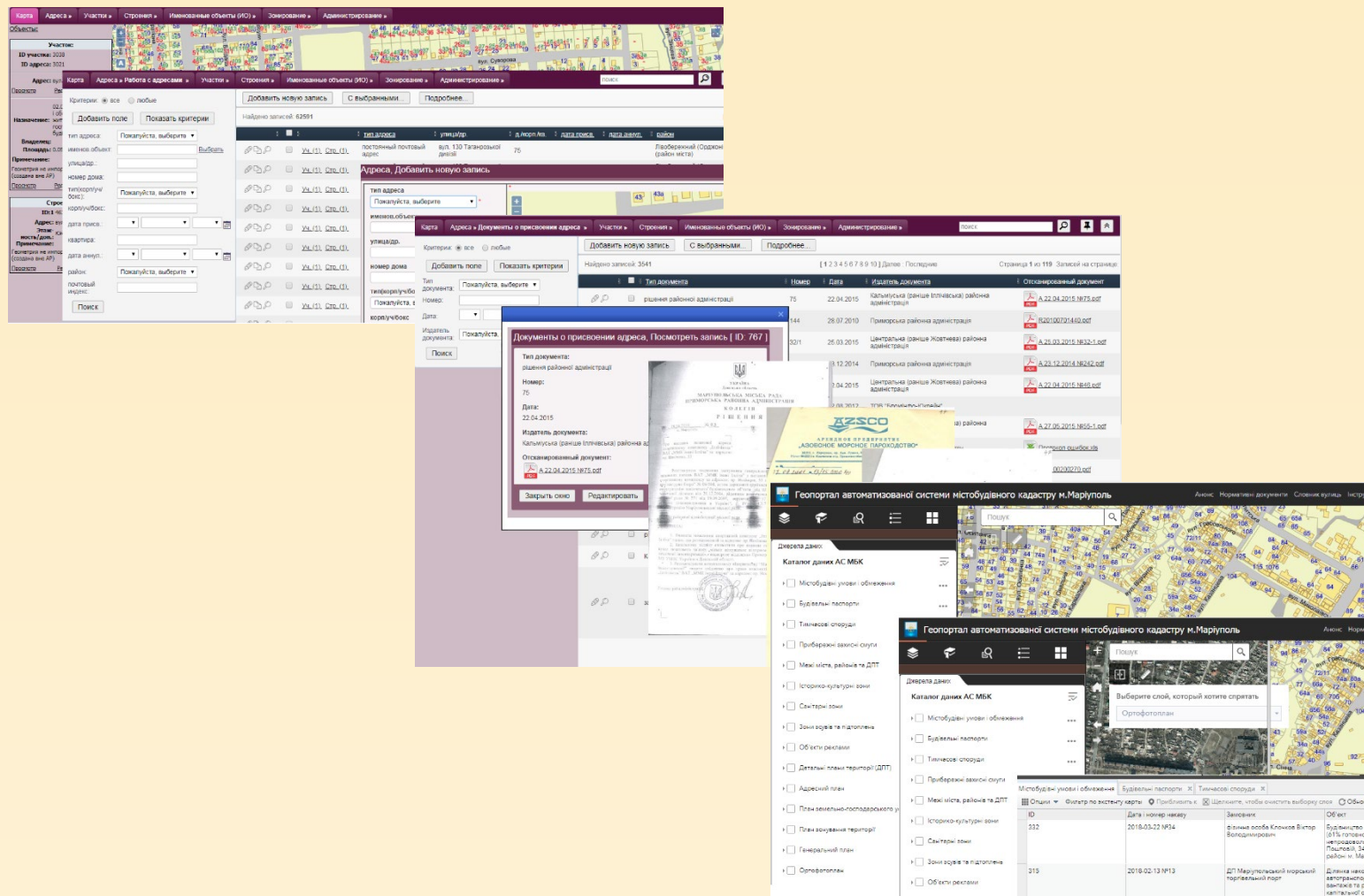
Our basic principles:

- Reliability and quality;
- Ensuring interests and expectations of customers;
- Permanent improvement of our professionalism.

There are no identical projects for us - we consider each project individually and always offer the Client the best comprehensive option taking into account the expected results and prospects for its further development.

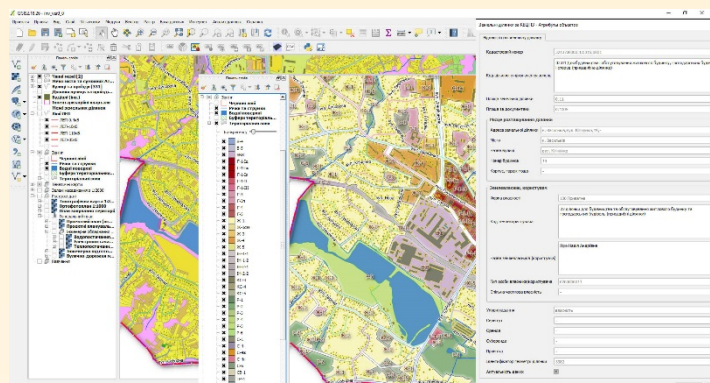


CREATING AND MAINTAINING GEODATABASES OF URBAN CADASTRE



BlomInfo-Ukraine LLC provides services to create and fill the geodatabase of the urban cadastre (hereinafter – GDB of UC), to establish processes of GDB operation, to allocate public data on the geoportal of the urban cadastre.

1. Formation of GDB of UC infrastructure.
2. Preliminary processing (preprocessing) of basic geospatial and thematic data of GDB of UC.
3. Initial filling of GDB of UC with available urban planning documentation and basic geospatial data.
4. Creation and implementation of software and technology modules for GDB of UC.
5. Creation and implementation of software and technological modules of tools for working with GDB of UC based on QGIS GIS software.
6. Creation of a geoportal of the urban cadastre and publication of relevant public information on it.
7. Organization of regulated access to data of GDB and data exchange with enterprises and organizations servicing engineering networks of the settlement (water, electricity, gas networks) and other subjects of urban planning activities.



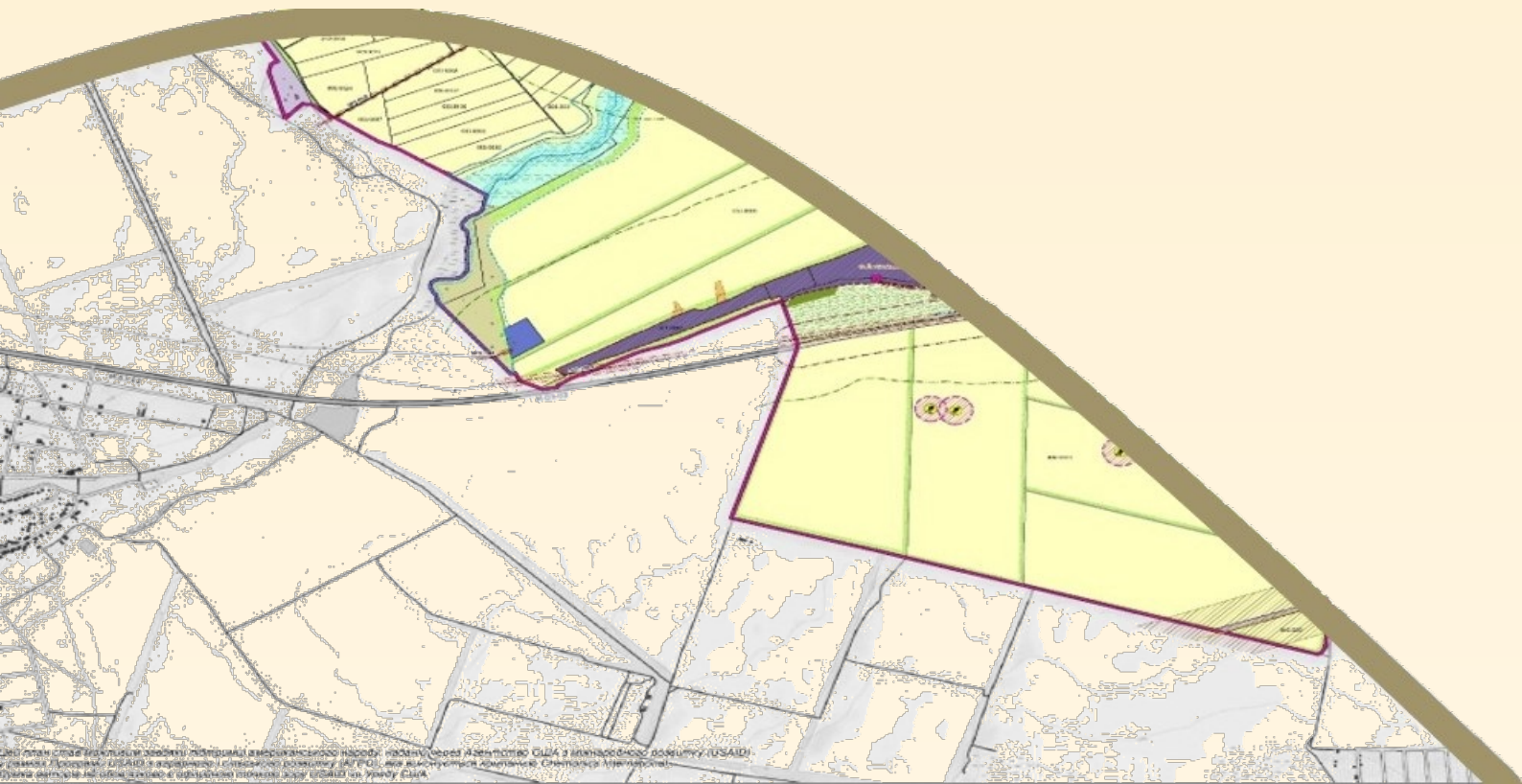
LAND MANAGEMENT and CADASTRE

BlomInfo-Ukraine offers professional consulting services and development of unified documentation for effective land management.



Main types of services:

- Establishment (change) of the boundaries of administrative-territorial entities;
- Organization and establishment of boundaries of the territories of the nature reserve fund, health, recreational and historical-cultural purposes;
- Land management projects for landscaping of settlements;
- Land inventory;
- Inventory and creation of a single documentation for the efficient use of resources of the united territorial communities;
- Installation of water protection zones and coastal protection strips;
- Land management projects that provide ecological and economic justification for crop rotation and land management;
- Change of purpose of the land plot;
- Execution of documents for the land plot for entering information about it in the State Land Cadastre;
- Production of cadastral maps, plans and copies of them;
- Land management projects for allotment, division or consolidation of land plots;
- Normative monetary valuation of land;
- Expert monetary valuation of land.

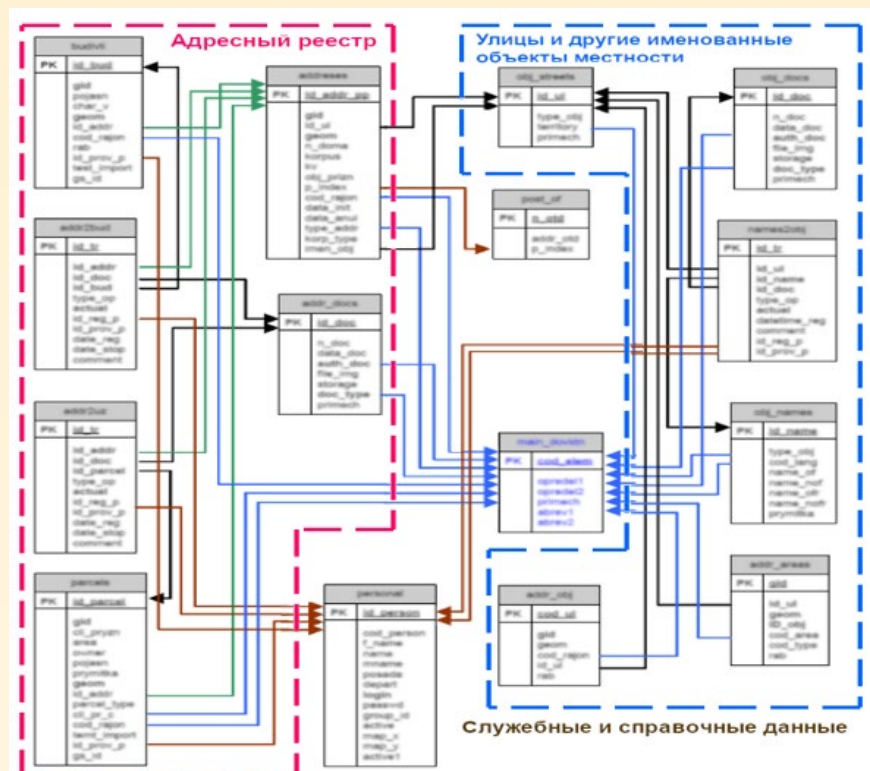


PROCESSING CENTRE



Our company operates throughout Ukraine and has more than 80 partner communities that participated in the USAID project “Agriculture and Rural Development Support”. The result is the introduction of public transparent management of community resources, through the introduction of tools for publicity, discussion and solution of community problems.

We are ready to share experiences and help communities become capable through quality use of their own resources. To do this we have a processing center that provides consulting support, assistance in data collection, database formation, publication on the portal of information necessary for management decisions.

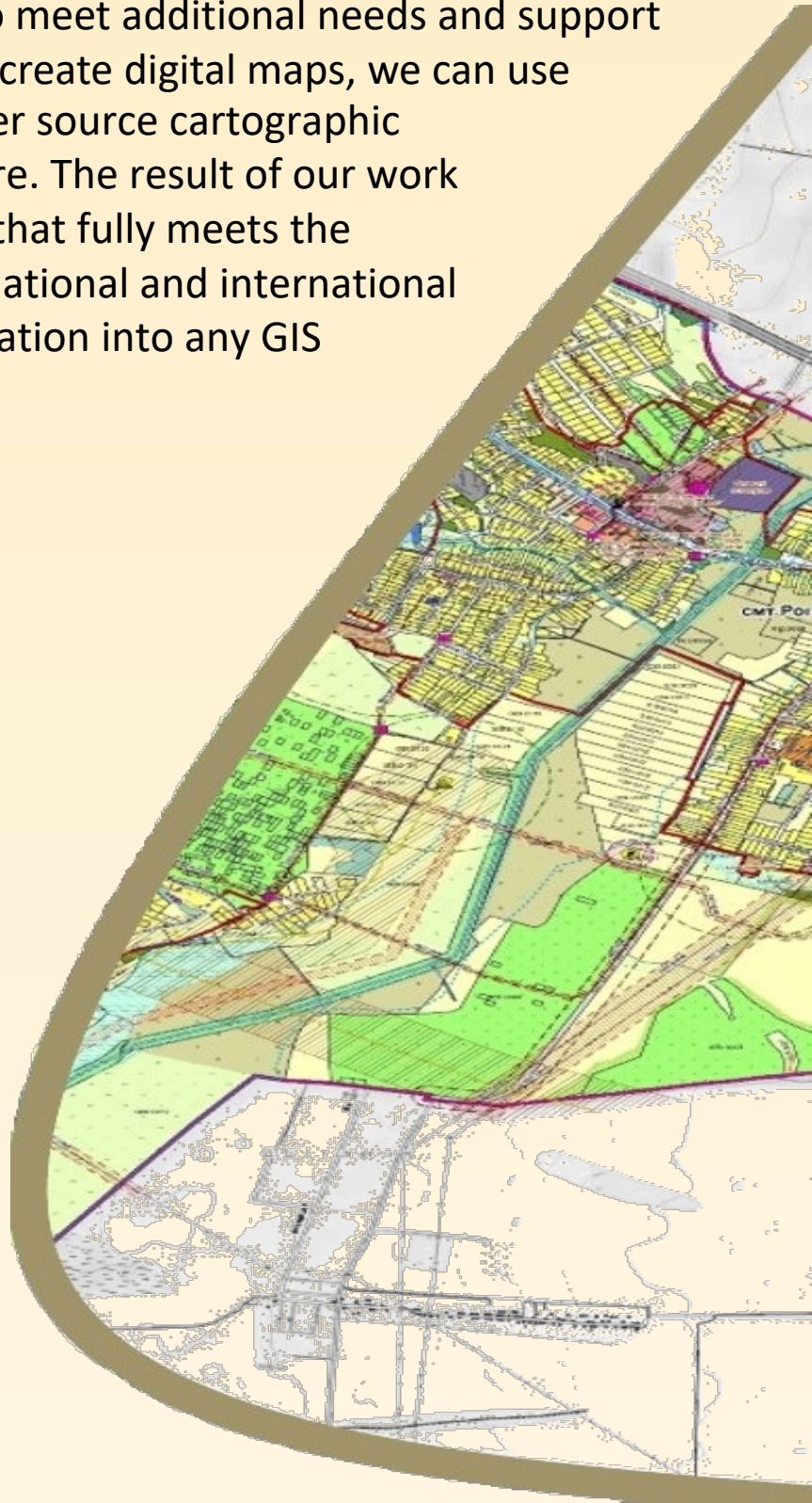


CARTOGRAPHIC SERVICES

We have extensive experience in providing professional services for the creation of a variety of digital cartographic products of any level of complexity and completeness of display. The list of services includes both the complete creation of the map and its updating or addition. Using gained experience we have the opportunity to provide data structured in accordance with modern requirements of such industries as urban planning, engineering design, ecology, private business, forestry, agriculture, as well as to meet additional needs and support additional customer services. To create digital maps, we can use orthophotos, space images, paper source cartographic materials and diagrams, and more. The result of our work is a digital cartographic product that fully meets the specifications, requirements of national and international standards and is ready for integration into any GIS environment

USAGE:

- Urban planning and spatial planning;
- Engineering and design;
- Cadastre and land management;
- Navigation;
- GIS analysis and modeling;
- Publication of printed cartographic products.



PROCESSING AND MODELING OF GEODATA



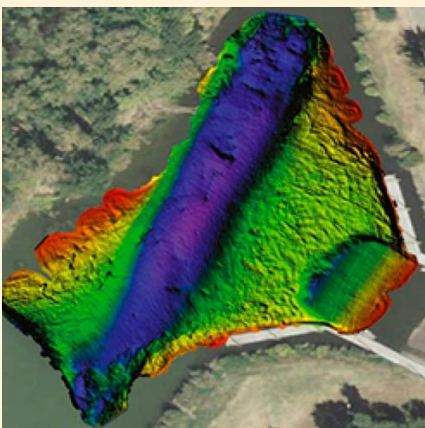
We have advanced methods of data processing obtained during aerial photography. Our specialists and work experience allow us to guarantee that, as a result of processing and modeling processes, you will receive the necessary high-quality geodata products in a timely manner and at a competitive price.

ORTOPHOTOPLANS

Traditionally for Ukraine we manufacture orthophotoplans of medium scale (from 1:10 000 to 1: 5,000, GSD 40 cm) and large scale (from 1: 2,000 to 1: 500, GSD from 15 to 7 cm). For projects that require high precision, we can offer the production of orthophotoplans ultra-high resolution GSD from 5 to 2 cm.



HIGH-ALTITUDE MODELS



Creating high-altitude models can be done using photogrammetric methods. Digital altitude models give a mathematical representation of the altitude characteristics of terrain and objects.

Types of models:

- ▶ DTM – digital terrain model of relief or earth's surface;
- ▶ DEM - digital terrain elements model (additionally included elements on the earth 's surface, such as houses and vegetation).

VECTORIZATION AND DIGITATION OF DATA

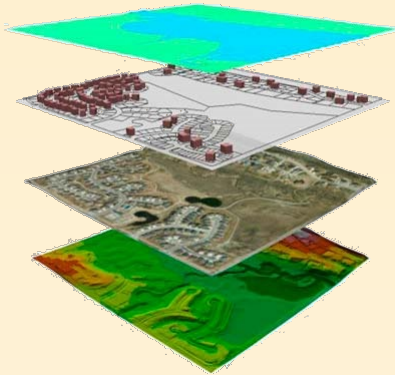
As paper mapping is a thing of the past and requirements for flexibility in managing large amounts of data stored within specialized Client systems is growing, BlomInfo-Ukraine offers a wide range of options and approaches to convert paper maps and charts into digital format, making them suitable for direct import to the GIS environment used by the Client. We are able to create files in any CAD or GIS format, such as AutoCAD (DWG, DXF, MicroStation (MicroStation (DGN)), ArcView (SHP), ArcInfo (Coverage) and many others.



OWN GEODATABASES

Using existing geodatabases can reduce the cost of your project. We offer the implementation of cartographic projects using our own database of cartographic data.

If the territory of your project is not included in our database, we will help you find the best version of the available data and provide a transparent procedure for creating the final product based on them.



GIS SERVICES AND ANALYSIS

Using the latest technology and constantly improving the production process, we are able to provide geospatial data suitable for use in any GIS environment, meeting both the requirements of future users and accepted industry standards. Our services cover work from modern statistical analysis and consulting to software development. We are able to use our resources to help customers make the best use of geographic data with the most advanced solutions to meet their personal requirements when creating automated systems of urban and land cadastre.



❑ Company Profile

Name	BlomInfo-Ukraine LLC
CEO	Valentyn Parakhin
Address	15 S.Sklyarenka str., Kyiv, 04073 Ukraine
Capital	3,7 million UAH (including authorized capital)
Established	April 26, 2005
Affiliate	Ukrainian Computer Laboratory (UCL) group of companies

❑ Our Experience

- 2005-2012 - Fulfilment of the World Bank project “Issue of State Acts on the rights of ownership on land parcels at rural area and development of cadastre system of Ukraine” components A-C
- Projects to create topographic maps of settlements: Donetsk, Mariupol, Vyzhnytsia, Vashkivtsi, Zhovti Vodi, Kriviy Rig, Obukhiv, Zhytomyr and etc.
 - Projects to create orthophotomaps of settlements: Donetsk, Mariupol, Suprunivka, Gogoleve, Stavische, Abazivka (with using unmanned aerial vehicles (UAV- drones))
- 2013-2016 - The creation of the data base of the register of addresses, streets and other naming objects, as components of information resources and formation of the legal basis for local activity; development and installation of software security and hard/ software complexes, operation of the address register including registers of streets and other naming objects, development and maintenance of geoportal of city Mariupol urban cadaster
- 2017-2018 - Development of unified land management documentation for management of land resources on the basis of ArcGIS on the territories of Kiptivska and Palanska communities with the development of the economic profile of these communities (pilot part of the project "Agriculture and Rural Development Support" (ARDS) ordered by USAID)
- 2018-2019 - The project to develop land management documentation; to create economic profiles of 10 communities; to develop and implement the community resource management system using ArcGIS GIS; to develop and deploy communities’ geoportals on the facilities of GeoInformation Processing center of “BlomInfo-Ukraine” (pilot project “Agriculture and Rural Development Support” (ARDS) ordered by USAID)
- 2019-2020 - The project to develop and implement electronic models of land management and other resources of Zvanivsk community of Bakhmut district of Donetsk region (United Nations Development Programme (UNDP) project) based on ArcGIS
- Development of the land management part of the projects of spatial planning of the communities (14 communities of partners of the DOBRE project), creation of geodatabases of management of land resources and geoportals
 - The project to develop a resource management system (based on ArcGIS) and create a web portal for analysis and visualization of Lyubetsk community of Chernihiv region
 - Creation of a database of the register of addresses, streets and other named objects, as components of information resources and formation the legal basis of urban planning activities; development, setup and installation of hard and software complexes for operation of a register of addresses, streets and other named objects in Vasylkiv town
- 2021-2022 - Working out a comprehensive spatial plan of development the territory of Druzhkivska community based on ArcGIS GIS; development of normative monetary valuation of land in 6 settlements of Druzhkivska community; creation of a geoportal for the territory of Druzhkivska community (UNDP project)
- Development of integrated spatial planning projects based on ArcGIS for the territories of Pesochinska and Roganska communities of Kharkiv region, creation of geoportals on the territories of these communities (USAID pilot project)



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INFO UKRAINE LLC

<http://biu.com.ua>

biukiev@gmail.com



+38 063 291 4999

<https://www.facebook.com/blominfoukraine>

**15 S.Sklyarenka str.,
Kyiv, 04073 Ukraine**

