

ONOVA ЛІГА
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LEVEL UP
FOR UKRAINE



Renew Ukraine together!

To renew Ukraine quickly and efficiently, to make it stronger and modernize for the future generations right now is the main goal of creation of the Ukraine's Renovation League ONOVA.

We believe that we must act today to make our country better, safer, more perfect, comfortable, modern – to make it an updated version of Ukraine.

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Founder of ONOVA League

Public Union “ Ukrainian Fund of Energy Efficiency and Energy Saving “.

- Created in **2021**.
- **Mission:** to rebuild Ukraine and reach a new standard of living through effective means of modernization and implementation of innovative projects.
- **Purpose:** to support of initiatives that introduce tools of stimulation and measures to improve the energy efficiency of buildings; implementation of modern EU environmental safety standards in Ukraine.





League – a platform for interaction between members

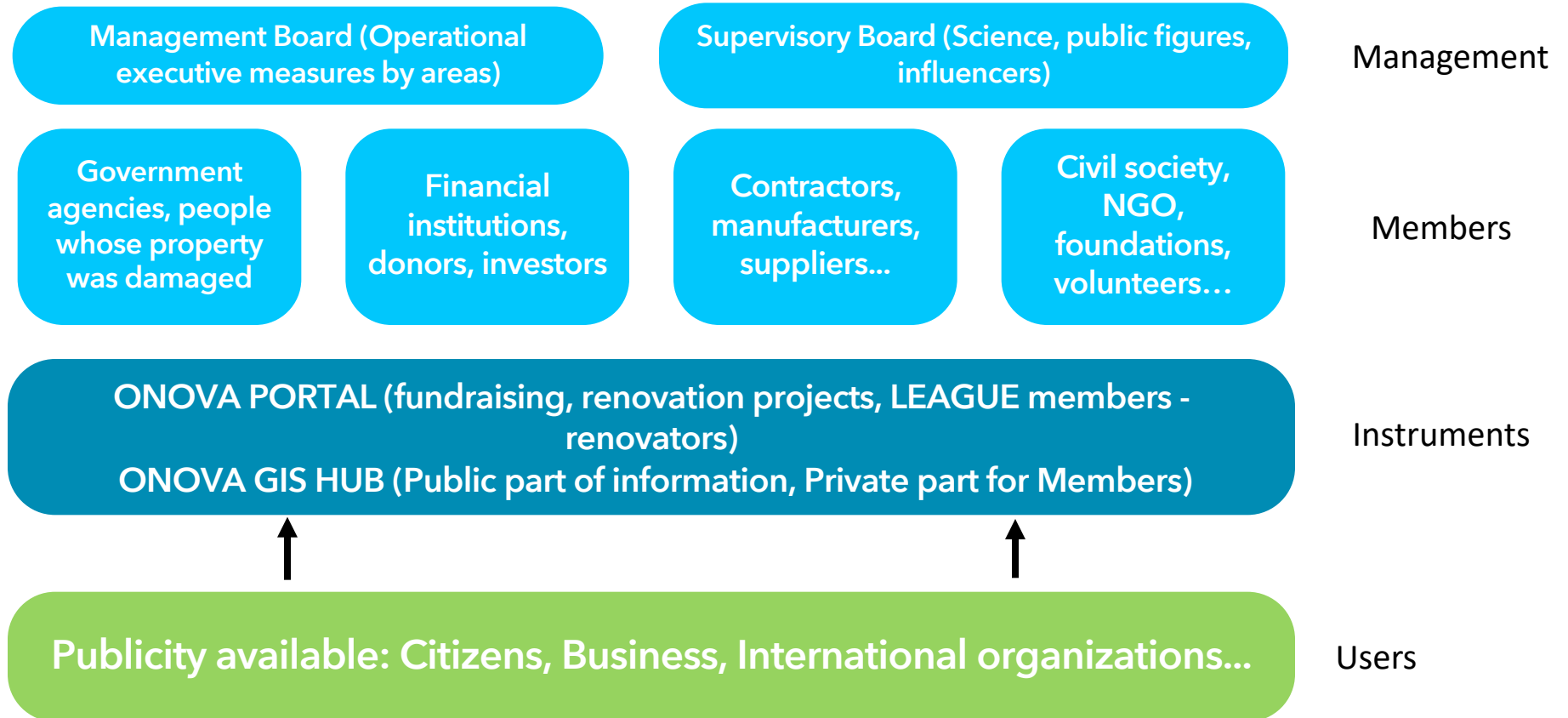
- **Consolidation of efforts** to restore damaged or destroyed infrastructure;
- **Cooperation** based on partnership, mutual assistance and mutual support;
- Joint activities in the **reconstruction** of destroyed facilities;
- Implementation of **innovative energy efficiency** and resource saving technologies.



For whom this project is intended

- For communities, districts, Regional State Administrations, Central Executive authorities, and other **government agencies**;
- For **financial institutions**: state, private, foreign;
- For **people whose property was damaged**, and other citizens of Ukraine;
- For **public sector**, donors, NGO;
- For **business** representatives.

ONOVA organizational model





ONOVA instruments

- **ONOVA GIS HUB** is an innovative IT service for recording destructions and further renovation of destroyed facilities (includes Public and Privates parts)
- **Ukraine's Renovation Portal ONOVA** is a portal for projects and interaction of League members.



How to become a member of ONOVA League?

1. Have a desire to help and some examples of provided assistance to Ukraine
 2. Accept the rules of the League (members's page on the ONOVA portal, GIS HUB personal account)
 3. Provide assistance to Ukraine
-

Government agencies, people whose property was damaged

Financial institutions, donors, investors

Contractors, manufacturers, suppliers...

Civil society, NGO, foundations, volunteers...

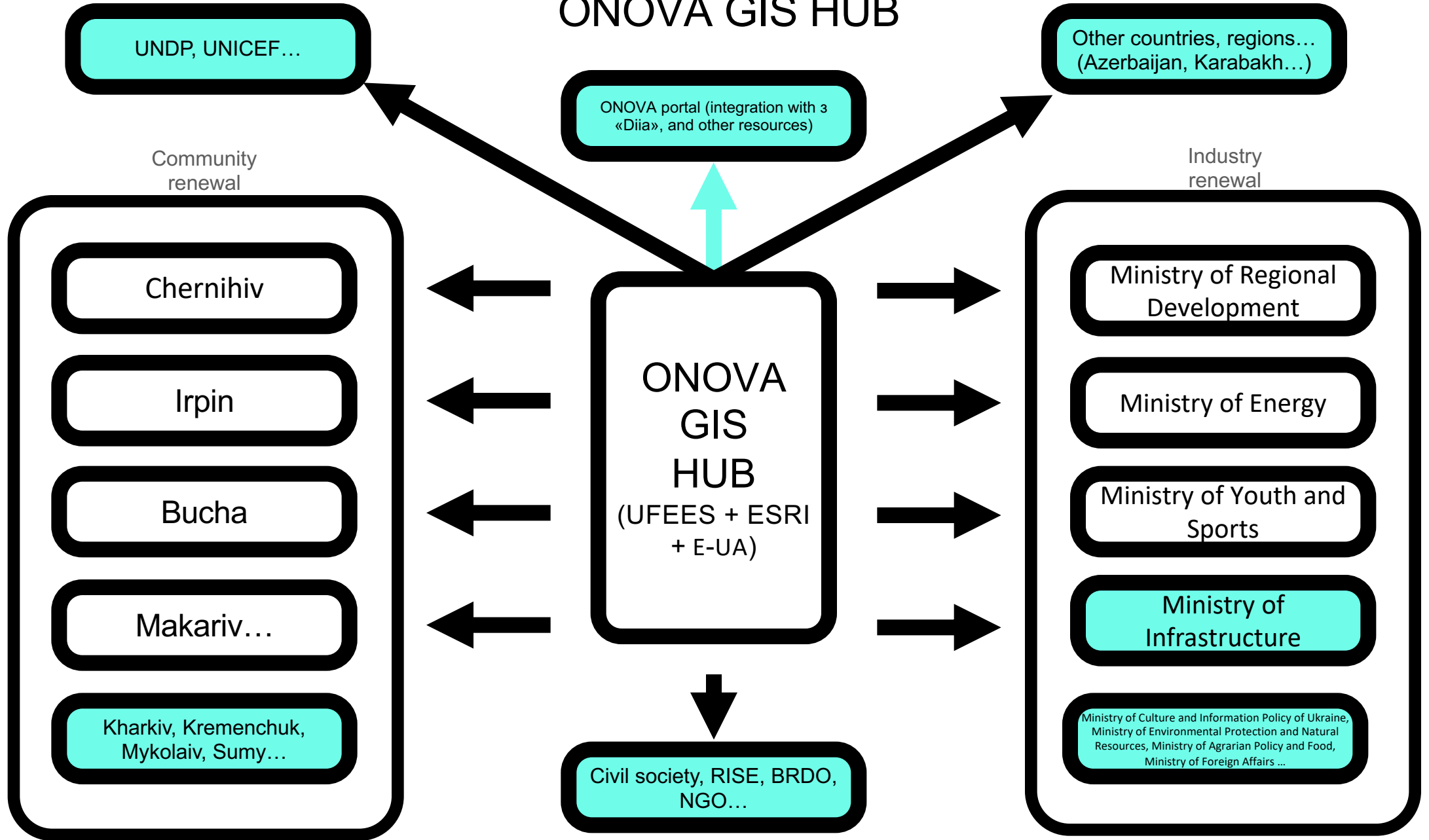
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ONOVA GIS HUB
by ESRI

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ONOVA GIS HUB



Founders of ONOVA GIS HUB

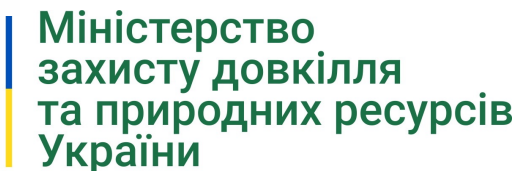
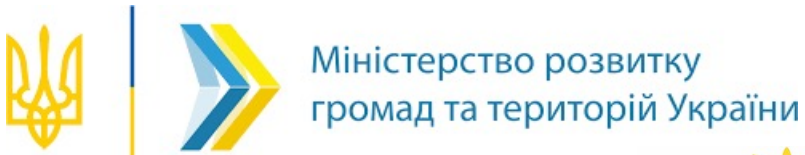
- **Public Union «Ukrainian Fund of Energy Efficiency and Energy Saving»;**
- **Esri company (USA)** – the world leader in geographic information systems (GIS), location analysis and mapping software;
- **Public Organization “E-Ukraine”** – portal of digital transformation of Ukraine.



The project has already been joined by

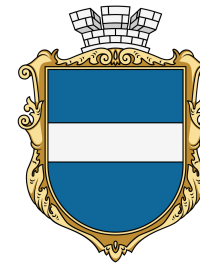
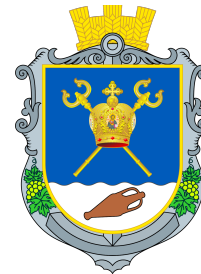
MINISTRIES:

Ministry of Energy, Ministry of Youth and Sports, Ministry of Regional Development, Ministry of Infrastructure, Ministry of Culture and Information Policy of Ukraine, Ministry of Environmental Protection and Natural Resources; also, we are holding talks with other ministries.



COMMUNITIES:

20 Ukrainian communities, including the hero-cities of Irpin, Bucha, Makariv, Chernihiv, Mykolaiv, Kharkiv, Kremenchuk - the localities most affected by the Russian attack.





GIS HUB main functions

- **Recording damages;**
- **Restoration and development** of regions and industries in accordance with updated plans;
- Transparent attraction of **investments** for damaged facilities;
- **Support system** in management decision making;
- **Monitoring the implementation** of renewal processes of facilities, communities, industries, countries;
- Opportunity of **interaction** with people whose property was damaged.



Data protection

Web service obtained an **analytical report** from the relevant specialized organization on the level of **information security** and the protection system, so it is safe for use.

Each user of the web service is given an **appropriate role in Data Management** in compliance with the secrecy mechanism in the mode of public and special access to the data.

Access and authorization

Access to the web service (personal login, password) is provided to users to maintaining the database in accordance with the acceptance certificate.

The web service has a private and public parts.

- Private part. Access is provided only by the web service administrator and an authorized person through the electronic cabinet.
- Public part will be freely accessible to users of the web service and other persons in accordance with the martial law accepted standards. It consists of integrated resources, including geospatial information.

Увійти в ArcGIS Enterprise,
використовуючи

Облікові дані ArcGIS

gisuser

.....

Залишатися в системі

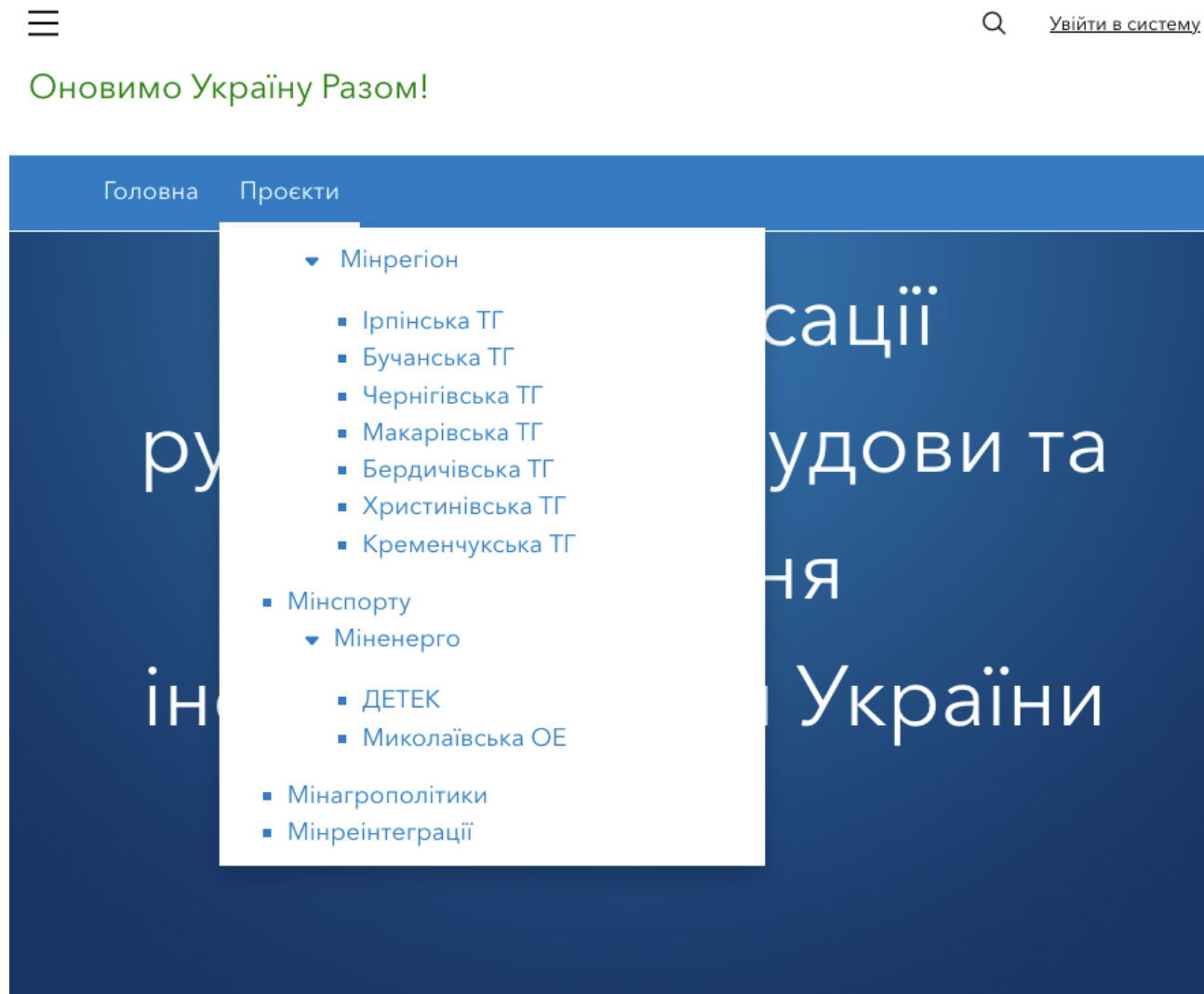
Увійти в систему Скасувати

[Забули пароль?](#)



Portal for recording destructions, reconstruction and renewal of Ukraine's infrastructure

More than **10,000** various infrastructure objects of Ukraine have been mapped on the Portal



Irpin community



Mapped:

- damaged buildings (educational, healthcare, cultural, sports and other institutions - **1430 facilities**)

Dashboards:

- data on damaged buildings by different sectors

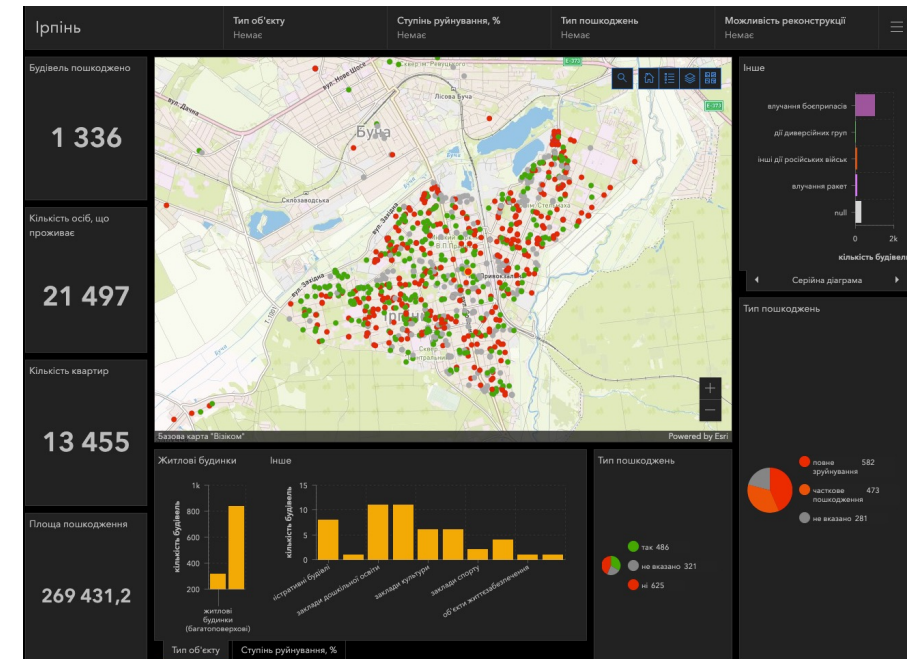
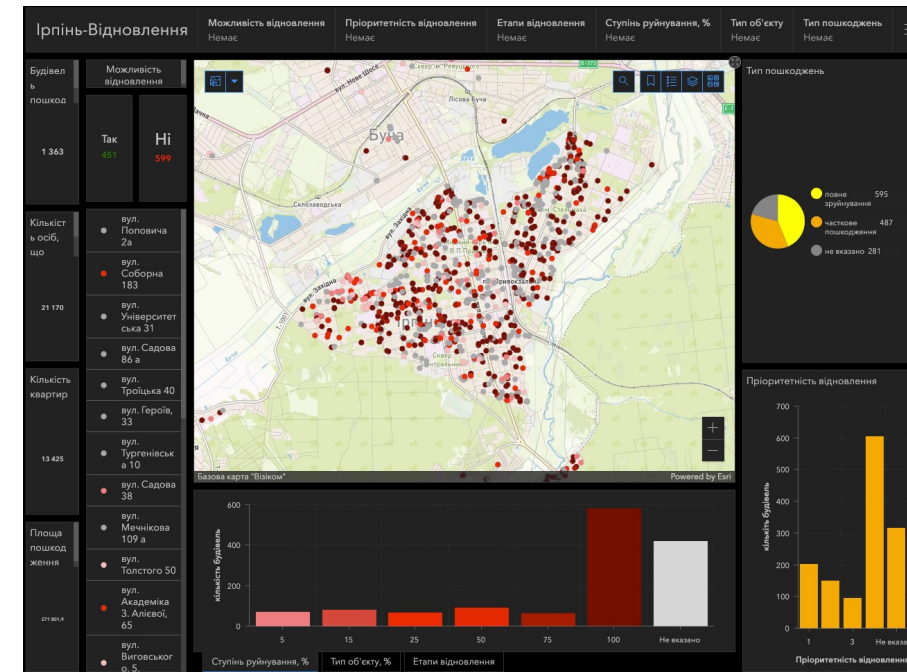
Data can be filtered by categories:

- type of facility, extent of damage, type of damage, possibility of reconstruction

Possibilities of reconstruction

Possible filters:

possibility, priority, stages of reconstruction, extent of damage, type of facility, type of damage



Bucha community



Mapped:

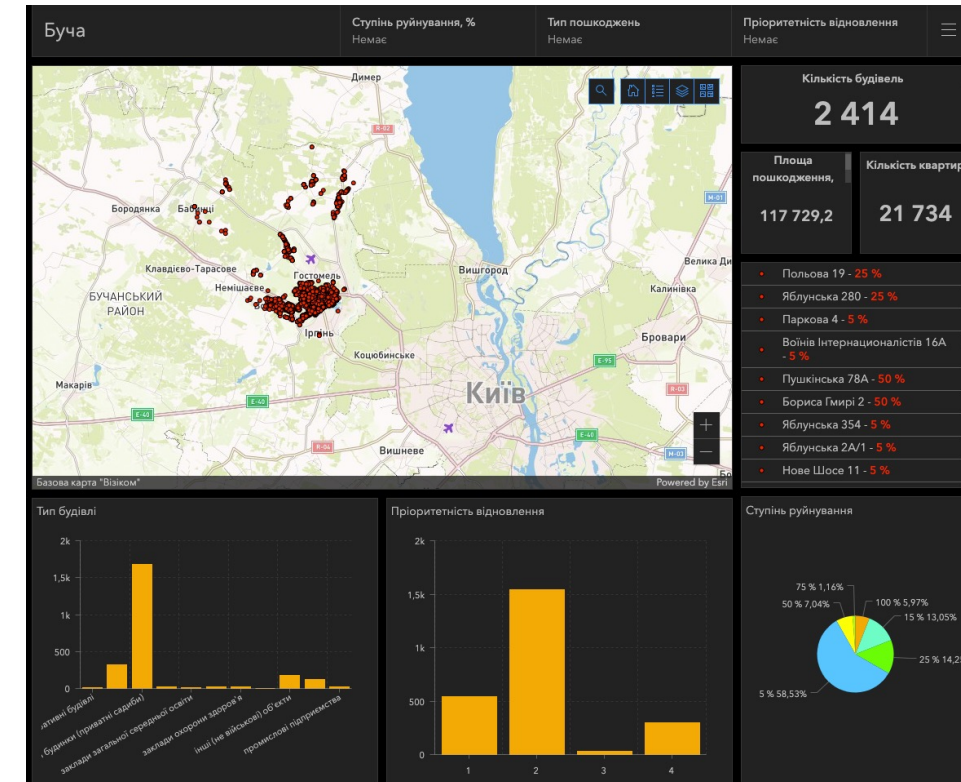
- Damaged buildings (educational, healthcare, cultural, sports and other institutions - **2414 facilities**)

Dashboards:

- data on damaged buildings by different sectors

Possible filters:

extent of damage, type of damage, reconstruction priority



Ministry for Communities and Territories Development of Ukraine



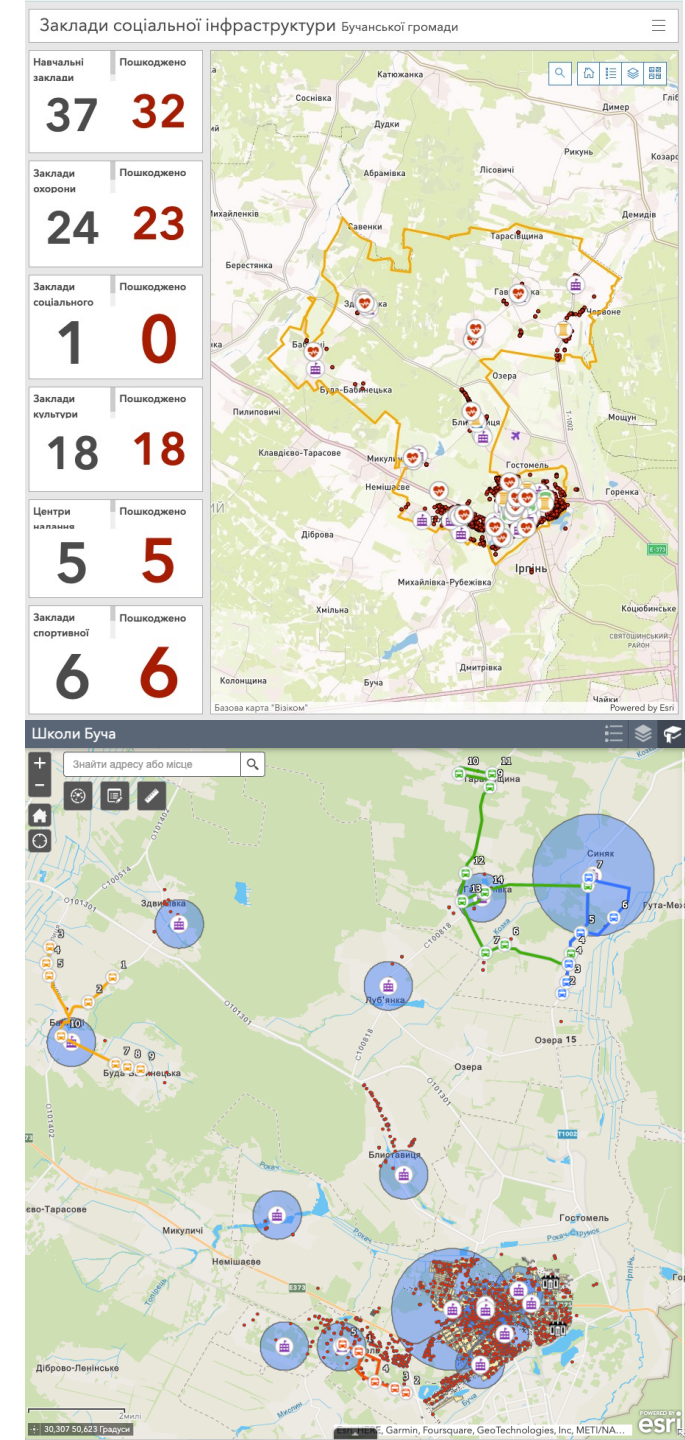
Mapped:

- Social infrastructure institutions- **91 facilities**

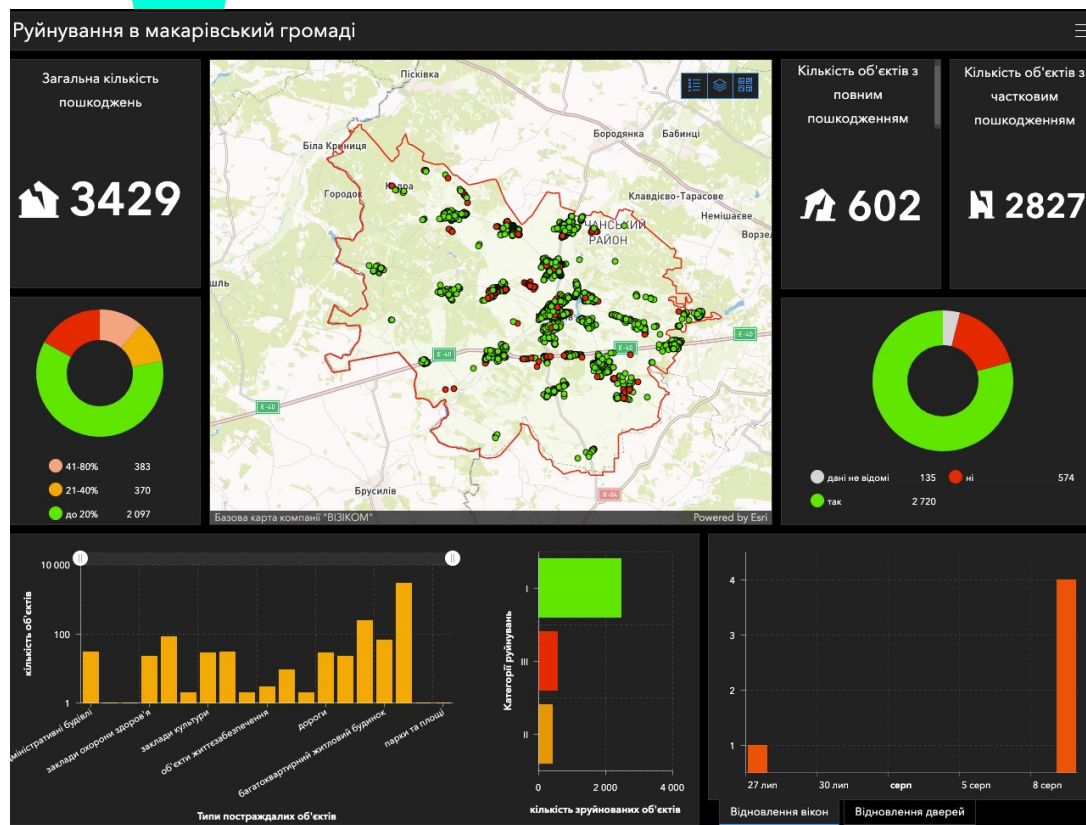
Dashboards:

- social infrastructure institutions of the Bucha community
- schools of Bucha community with the analysis of compliance of available resources with the needs of the community, school bus routes, restoration

The total number of damaged facilities is displayed on the Portal



Makariv community



Mapped:

- damaged buildings (educational, healthcare, cultural, sports and other institutions - **3429 facilities**)

Dashboards:

- data on damaged buildings by different sectors

Possible filters:

- Completely and partially damaged facilities, number of facilities, categories and percentage of destruction, types of necessary restoration (windows, doors, etc.)

Chernihiv community



Mapped:

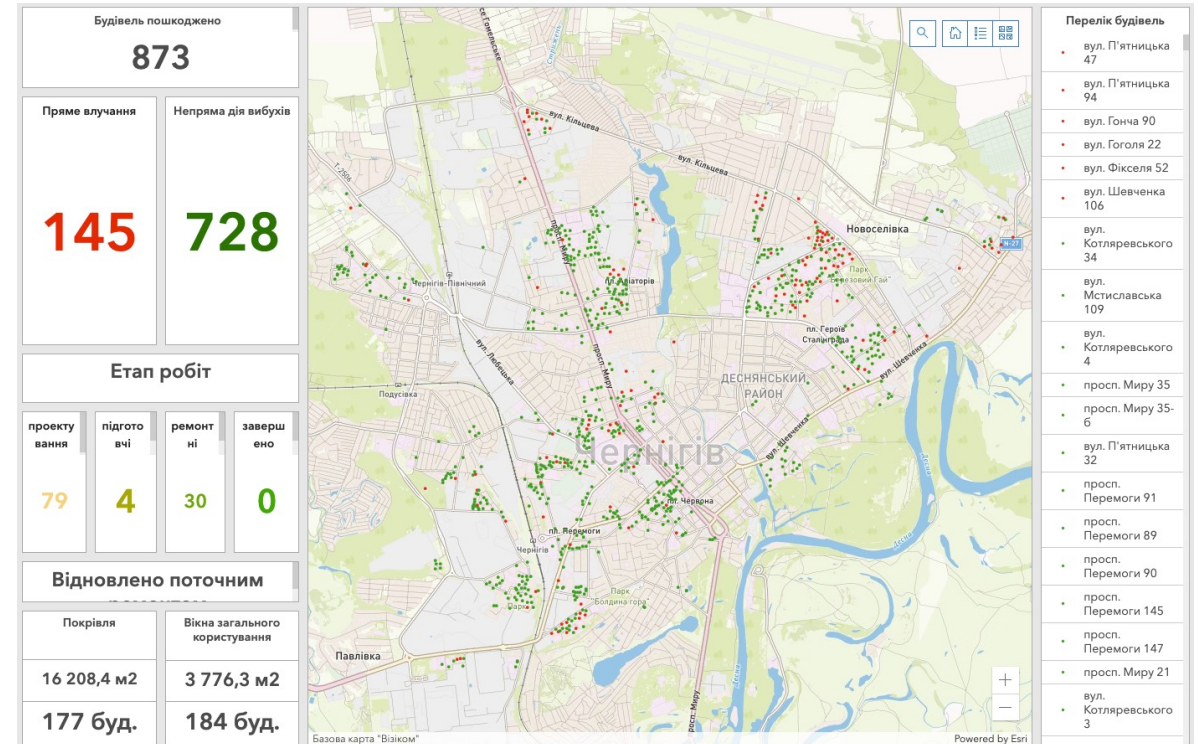
- damaged buildings - **874 facilities**

Dashboards:

- data on damaged buildings

Possible filters:

- direct hit, indirect effect of explosions
- work stages (design, preparatory works, repair works, completed)
- restored by current repairs (roof, public windows)

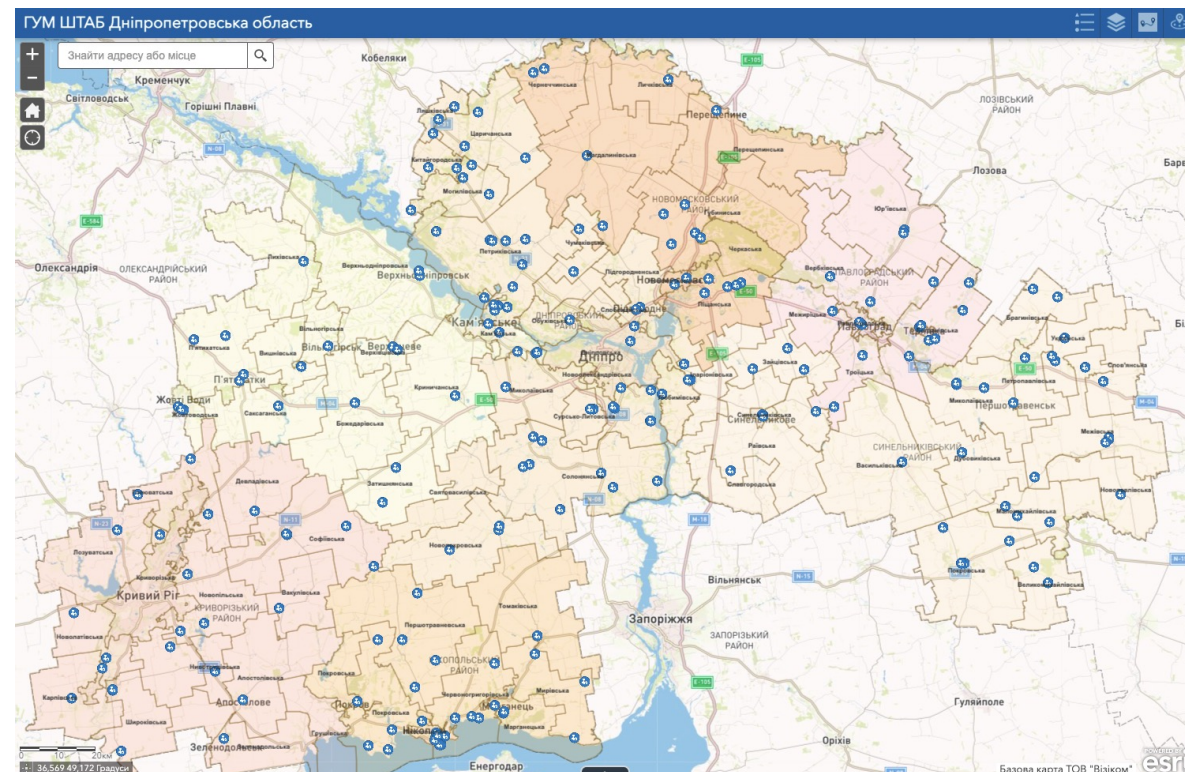


Ministry for Reintegration of the Temporary Occupied Territories

Map of Humanitarian Headquarters of the Dnipropetrovsk region

Mapped:
213 facilities

Distance to Humanitarian Headquarters
Features and services of Humanitarian Headquarters
Search tool for the nearest Humanitarian Headquarters



Ministry of Youth and Sports



Mapped:

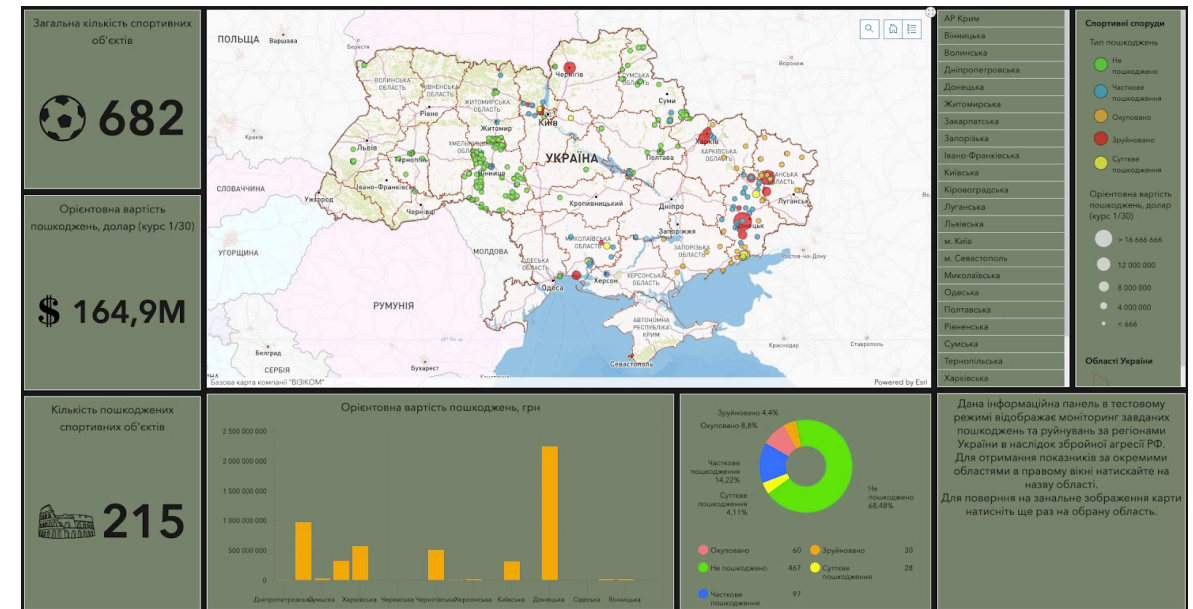
- sports facilities (**682 facilities**)
- Damaged sports facilities (215 facilities)

Dashboards:

- data on the total number of sports facilities
- damaged sports facilities
- estimated cost of damage restoration

Possible filters:

region, type of damage, current status



Ministry of Energy (Mykolaivoblenerho)



Mapped:

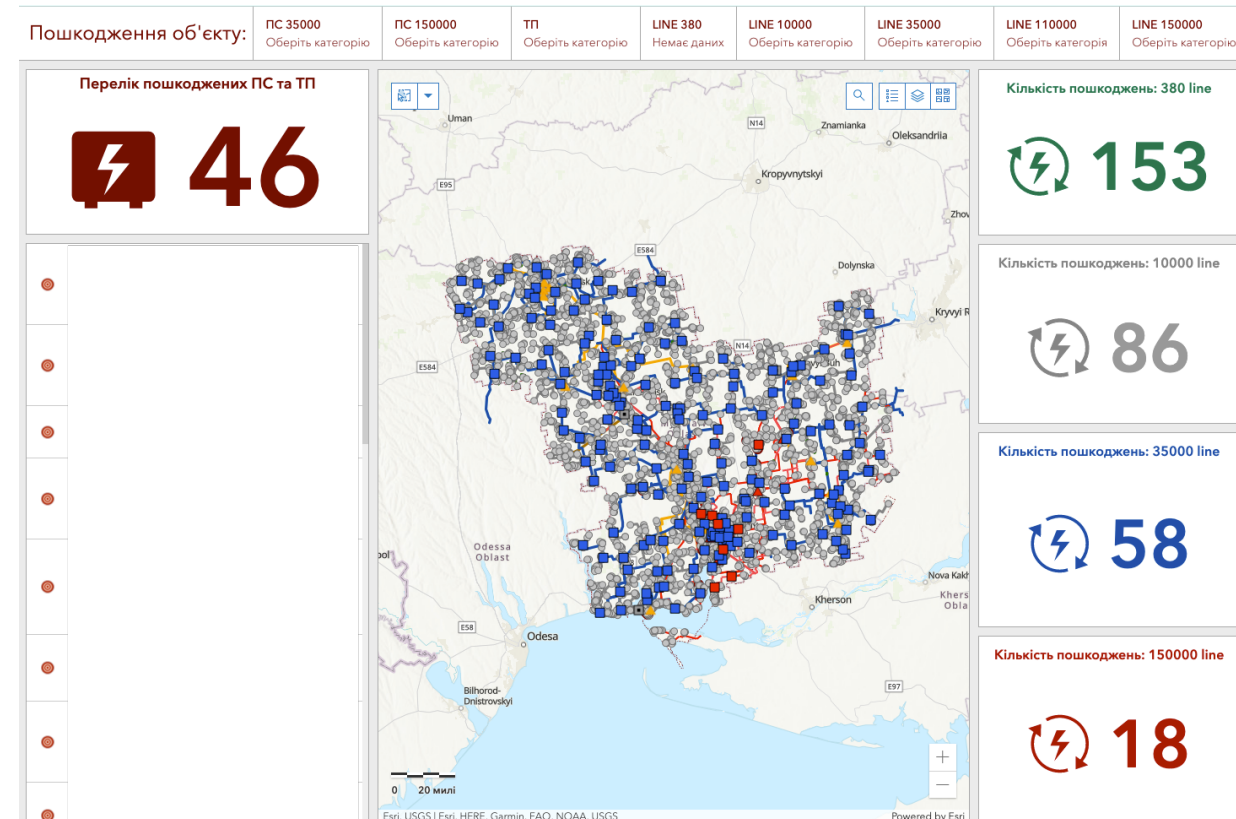
- Existing and damaged substations and transformer substations (46 damaged facilities)

Dashboards:

- Data on damaged stations, lines, equipment

Possible filters:

- damage by type of line, voltage class



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ONOVA Portal for interaction

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Update map of Ukraine

GIS HUB ONOVA is a transparent geo-information service for recording destruction and further updating of housing stock and various infrastructure of Ukraine

Select the area ▾

Select an industry ▾

Find

Log in to GIS



GIS service access

Personal accounts

Each member of the ONOVA League has its personal account on the portal

Member's personal account contains information about:

- Information about the member.
- Type of participation in the League: donor, executor, government agency, public representative
- Joined projects
- Participant contact form



Contacts

📍 <https://bucha-rada.gov.ua/>

☎ (04597) 40-041

✉ gromada@bucha-rada.gov.ua



Participant type

State institutions

Write to the participant

Project pages

Information about each project of the **Ukraine's Renovation Portal ONOVA** is available on the ONOVA portal

The project page contains information about :

- Link to the GIS map of the facility
- Concept project of renovation
- Industry to which the facility belongs
- Project status by stage of implementation
- Amounts of funding
- Terms of implementation
- Technical documentation
- List of members who joined the project

city

📍 Kremenchuk

Industry

Thermomodernization

Status

ON EXECUTION

Deadline for offers

📅 01 August 2022

Долучитись до проекту

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ONOVA Projects

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Reconstruction of the school named after Zarifa Aliyeva in Irpin

- Developed technical report on the damage state of the building
- Entered into GIS Hub, uploaded relevant documents
- Carried out restoration works with the support of the Embassy of Azerbaijan





Concept project of restoration of Irpin Lyceum №3

- Creation of safe and comfortable common public space - the center of a healthy lifestyle of the city
- Economical use of energy and other resources
- Inclusivity and fully equipped bomb shelter in the school building.



State Enterprise "Olympic Training and Sports Center "Chernihiv"



- All damage data is recorded in the ONOVA GIS HUB.
- The report on the technical condition of the facilities is being prepared.
- The development of a concept project for the renovation of the "Desna" sports complex with a complete reconstruction of the stadium in accordance with UEFA requirements has begun.





Chernihiv regional youth center

- The historic building of the Center is in a state of disrepair after being hit by Russian missiles.
- The update project has started.
- The destruction has already been plotted on the damage map of the ONOVA GIS HUB portal.
- Active work continues on technical reports and a concept project.





Clusters of Chernihiv region

Hub-network Regional Innovation System (RIS) with an epicenter in the form of an integral International Industrial Park (IIP) should be created on the territory of Chernihiv region

It is assumed:

- Construction of an innovative town
- Creation of an innovative network university of the U4.0 format with its own campus





Thermomodernization of budget institutions

Implementation of energy-saving measures in 84 children's institutions (Dnipro) and 66 children's institutions (Kremenchuk).

- Thermo-modernization of buildings facade structures
- Replacement of windows
- Thermo-modernization of ceilings, basement slabs
- Modernization/installation of automatic heat supply units
- Installation of CO coolant flow regulators
- Installation of heat energy meters
- Insulation of heat supply system pipes
- Activities in the internal heating system

Achieved results

- thermal energy saving from **25%**;
- reduction of electricity costs from **30%**

Makariv preschool education institution "Barvinok"

Children's institution "Barvinok" was blown up during the Russian invasion.

- Collected materials related to fixation of destruction and development of a technical report.
- Data on the destruction and technical condition of the building are entered in the ONOVA GIS HUB.



Humanitarian mission ONOVA

The initiator of the creation of ONOVA Ukraine's Renovation League – Public Union "Ukrainian Fund of Energy Efficiency and Energy Saving" works in the mode of Humanitarian Aid to Ukraine in the conditions of war.

- Evacuation and accommodation of the population
- Humanitarian aid to medical institutions
- Psychological assistance to victims
- Help to defenders. Production of protective equipment
- Restoration of Internet access thanks to Starlink technology
- International media projects

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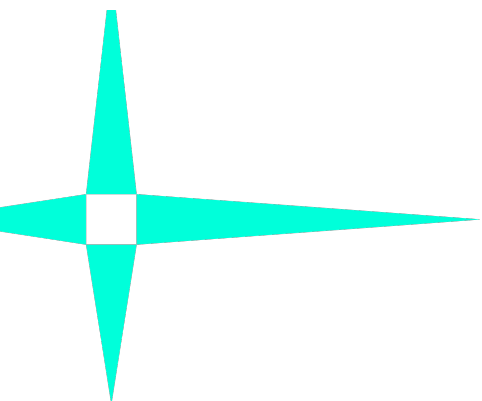


Contact for communication:

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**Thank you
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