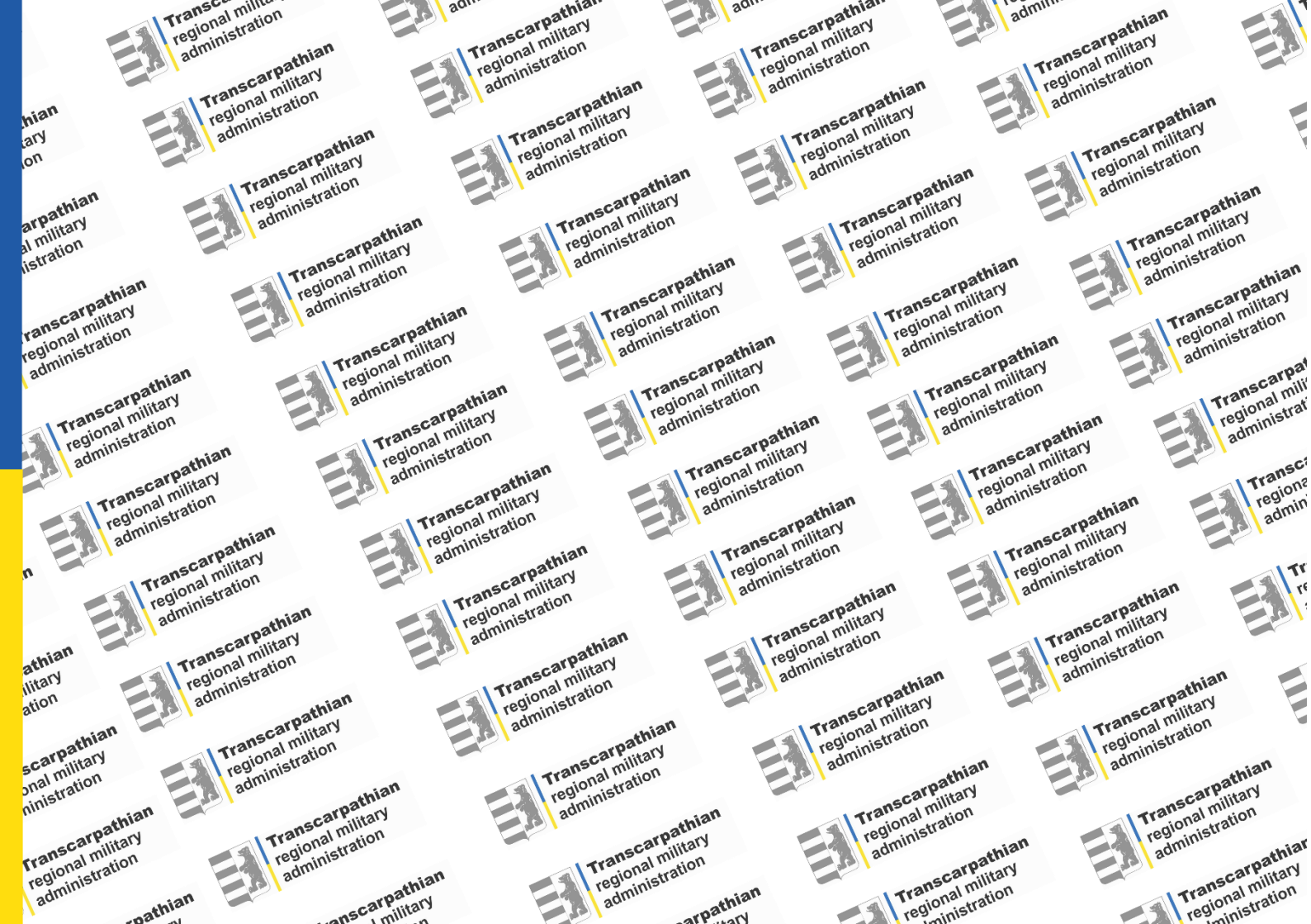


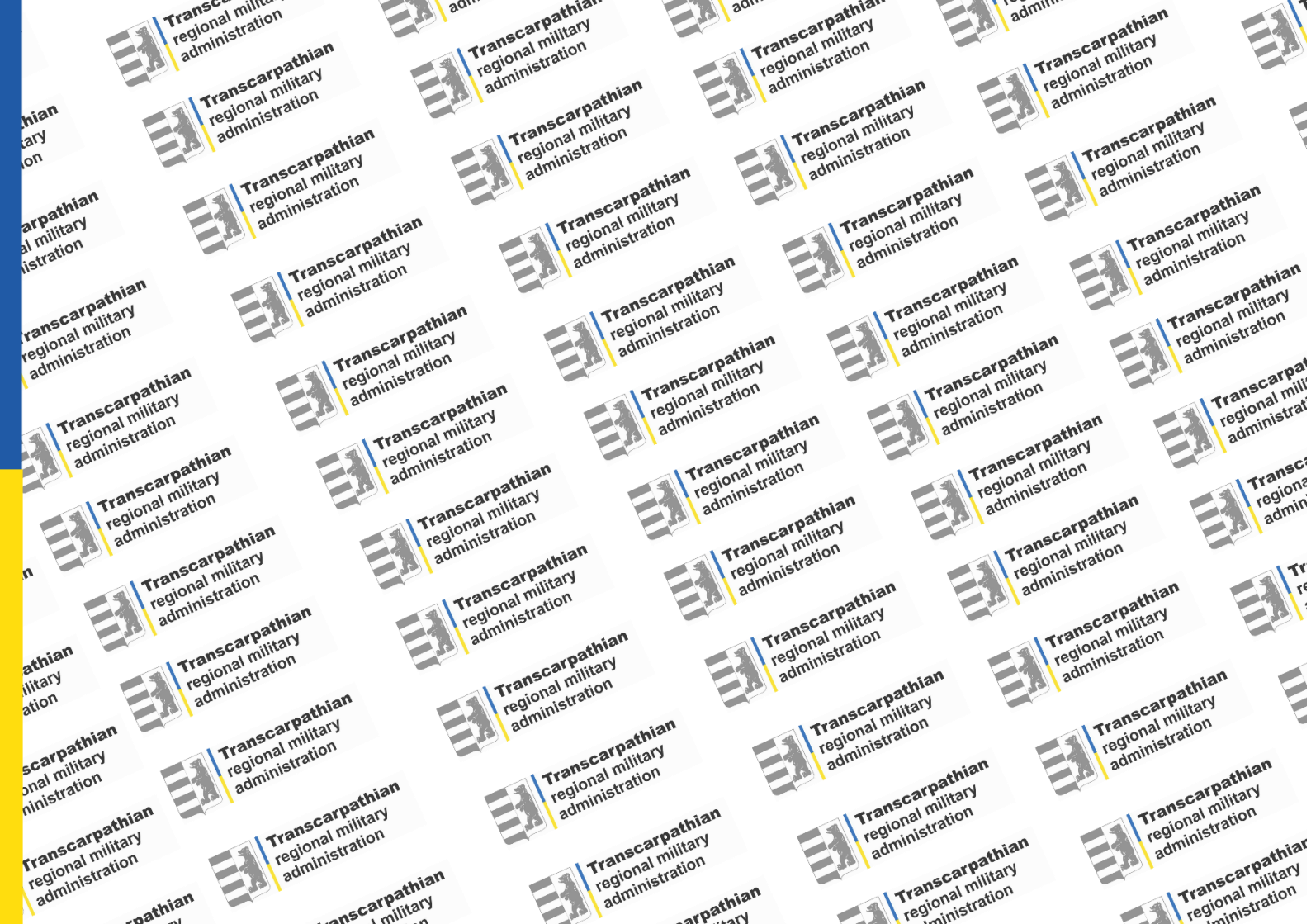
PROSPECTIVE REGIONAL

DEVELOPMENT PROJECTS



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# INVESTMENT PROJECTS

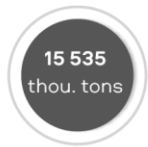
# SALT DEPOSIT IN TEREPLYA

Address: Transcarpatia region, Tereblya

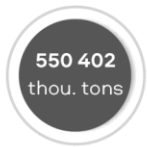
Enterprise owner: "Kation Invest" LLC

Product type: ДСТУ4246-2003

"Rock salt for industrial processing"



0 1



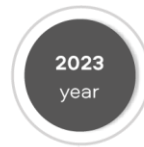
0 2



0 3



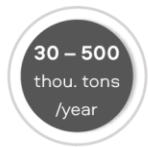
0 4



0 5

Reserves Category A Reserves Category B Productive salt layer of the salt deposit Entry into service

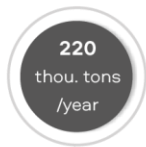
The depth



0 6



0 7



0 8



0 9



1 0

Design capacity Reaching the design capacity production capacity Stock removal system Stock removal system

Taking into account the above, the management of CATION INVEST LLC adopted a strategy for the development of the field, which consists of the following areas of activity :

## FIRST

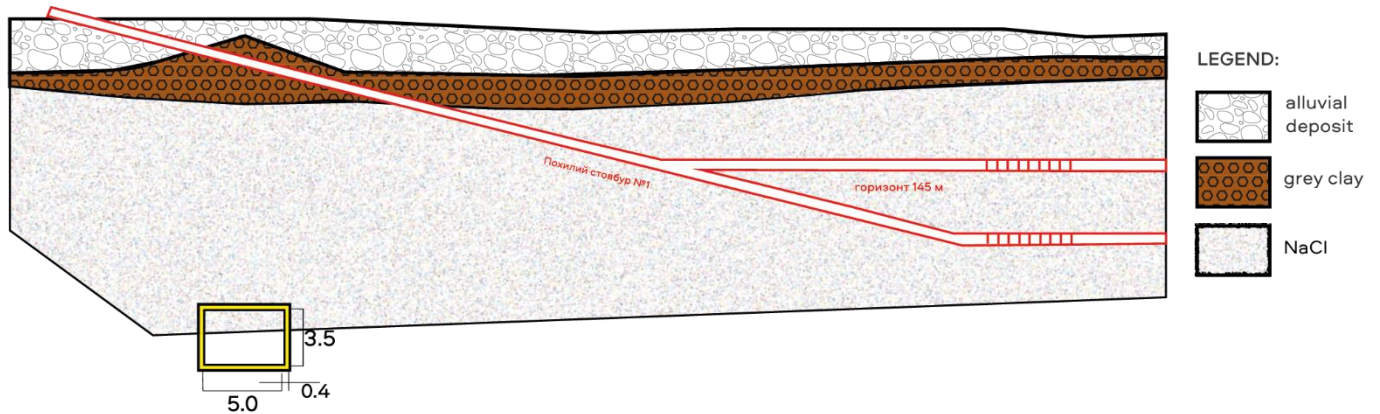
Organize the industrial salt industry and build a factory for the production of tablet salt and salt category "Extra".

## SECOND

Production of technical salt is mainly for the needs of road enterprises and the creation of space for the location of treatment and tourism facilities.



Scheme of the salt deposit opening



# ENERGY POTENTIAL OF TRANSCARPATHIA

## Solar Energy

- Environmental conditions: Solar Radiation 3-4 level.
- Potential 1757 MW.
- Installed capacity 242 MW from 57 stations.
- Growth prospects 1515 MW.

## Hydropower

- Environmental conditions: the largest number of rivers in Ukraine.
- Potential 132 MW.
- Installed capacity 42,2 MW from 13 stations.
- Growth prospects 89,8 MW

## Wind Energy

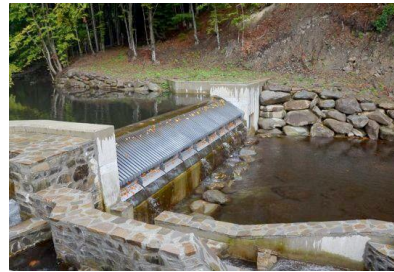
- Environmental conditions: wind speed up to 7 m/s in mountainous areas.
- Potential 1163 MW.
- Installed capacity 0 MW.
- Growth prospects 1163 MW

## Gas producing industry

- Environmental conditions: 10 gas deposits of which 4 have been explored.
- Potential 25,5 MW.
- Installed capacity 3 MW from 1 station.
- Growth prospects 22,5 MW.

## Methods of using thermal energy resource

- Balneological method of using.
- Heat supply of housing fund.
- Implementation in the food industry (heating greenhouses, growing mushrooms, etc.).
- Electricity generation.



# THE CAPACITY OF RENEWABLE ENERGY SOURCES AND NATURAL GAS, MW

	Potential*	Installed capacity**	Growth prospects
Solar energy	1757,0	242,0	1515,0
Wind energy	1163,0	0,0	1163,0
Small hydropower stations	132,0	42,2	89,8
Energy of nonmarket natural gas	25,5	3,0	22,5
<b>Total</b>	<b>3077,5</b>	<b>287,2</b>	<b>2790,3</b>

\* - According to the «Atlas of renewable energy potential sources of Ukraine»

\*\* - According to the information of Communal housing department of Regional Military Administration





# GREEN HYDROGEN TRANSCARPATHIA

Green hydrogen production will become the main component of the integrated EU energy system according to the “European Green Deal” strategy for 2025–2030 years.

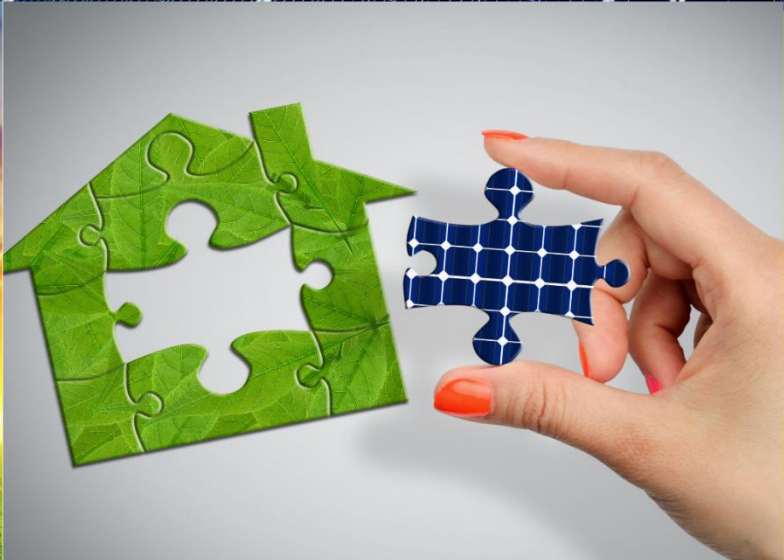
Hydrogen Europe, as part of the 2x40 GW initiative, provides the construction of 9.8 GW of electrolyzers for the production of “green” hydrogen in Ukraine. Therefore, Ukraine can become an integral part of the realization of the European Green Deal’s ambitious goals.

According to the analysis of the State Project institute “Lviv Prombudproekt” Transcarpathian’s total potential of renewable resources is 45 billion kWh per year, of which 30 billion kWh are estimated as real for development.

Pre-feasibility study for the construction of a hydrogen production plant with 100 MW of electrolysis capacity with a future scaling up to 1.5 GW and evaluation of possible options for connecting the technological pipelines of the hydrogen plant to the existing gas transmission system or creating a hydrogen “highway” which connection to the Central European Hydrogen Corridor.

Available hydrogen can rapidly reduce greenhouse gas emissions in the economy, especially in the steel and chemical industry, refineries, and transport sectors. Hydrogen production will help integrate renewable energy sources into the grid by giving them the flexibility to supply electricity to the grid.







# WASTE SORTING AND RECYCLING PLANTS

Implementation of the project on the territory of Transcarpathia oblast by distribution of shares in the authorized capital of the newly formed company (proposal):

Investor – 49.9%;

Communal Enterprise – 50.1%:

**The purpose of the model :** utilization/recycling of inorganic products;

-Utilization of Biomass waste in polygons

## **General description of the model:**

One cluster on the map of the National Plan of Ukraine is designed for 420-500,000 MSW/year;

- One cluster has from 2 to 9 factories;

- One cluster has one main **Thermal Power Plant**, the rest of the plants sort and prepare raw materials for burning at the cluster's main plant.

**Name:** Ukrainian module: **Um.**

- Um 1- 35,000 /70,000/ 110,000/ 250,000 tons/year

- Um 2 – 110/350,000 tons/year

- solid waste facility: 4 350 000 USD including VAT.

- glass: 2 400 000 USD with VAT.

- ferrous metals: 900 000 USD with VAT.

- non-ferrous metals: 400 000 USD with VAT.

- e/energy Thermal: 15 912 000 USD with VAT.

- e/solar energy: 893 750 USD with VAT.

- paper: 2 600 000 USD with VAT.

- RET granule: 6 000 000 USD with VAT.

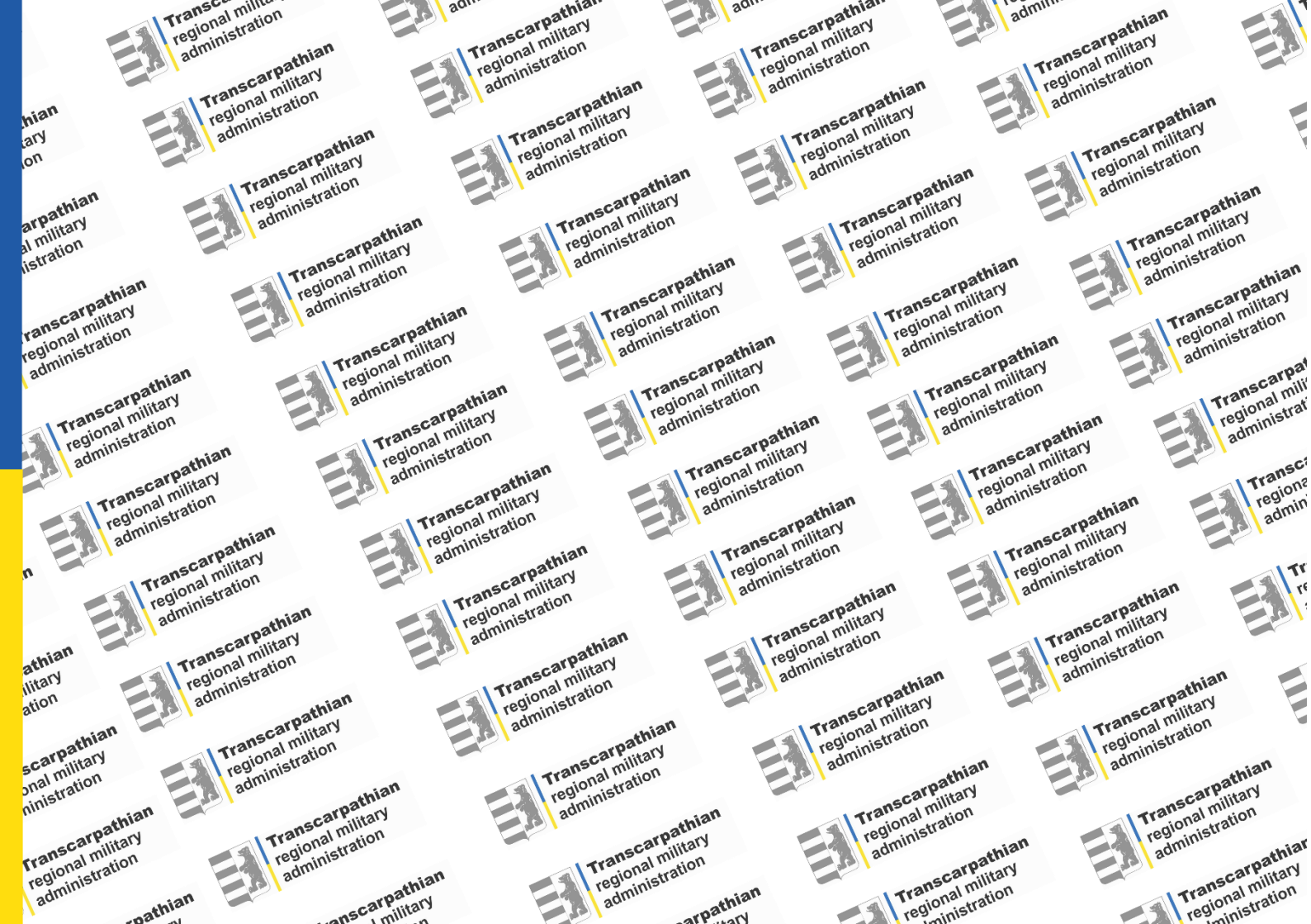
- BIO-methane 330 m3/hour 2 805 000 USD with VAT (there is an EU subsidy).

Total: 36 260 750 USD with VAT.











# ECONOMIC PROJECTS

# SHEEP BREEDING

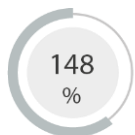
Since the beginning of the year the region has been kept 139 000 heads of sheep and goats:



Companies  
5 600



Local farming  
133 400



According to the State Statistics Committee, as of January 1, 2022, the number of sheep and goats in agricultural producers increased by 148,8%

## Subsidies :

The total amount is 999,935.0 hryvnias, for one head - 227.00 hryvnias, for those who keep from 10 ewes and ewes older than 1 year and entities - in the amount of up to 300.00

## Governmental support :

10 economic entities received a subsidy for keeping goats and sheep in the amount of 1.7 million hryvnias (at the rate of UAH 834.00 per head) for keeping 2,087 heads.

## MEASURES USED BY REGIONAL MILITARY ADMINISTRATION FOR THE

### DEVELOPMENT OF SHEEP BREEDING:

Formation of the United Association of Transcarpathian Shepherds, which is necessary for systematic work on the development of proposals, strategies for the development of the industry;

- by order of the Head of the Regional Military Administration dated 19.08.2022 No. 455, a work group was formed on the development of sheep breeding to increase the efficiency of sheep breeding, improve the incomes of the rural population, fill budgets of all levels, etc.;
- The Regional Military Administration's appeal to the FAO Representative Office in Ukraine with a request to consider the possibility of supporting small farmers, individual peasant households in matters of their purchase of rough, concentrated fodder for feeding sheep and goats for the winter period;
- Implementation of the experience of the federal state of Burgenland of the Republic of Austria regarding selection (breeding of highly productive breeds of sheep), exchange of specialists and implementation of joint sheep breeding development projects.

## CHEESE-MAKING

### Household plot

Possibility to get acquainted with all stages of cheese production or modern equipment

### Izkiv fleece

They produce 9 types of cheese with different aging

### Lotos-m

More than 500 liters of milk are processed daily in the range of 14 types of cheese

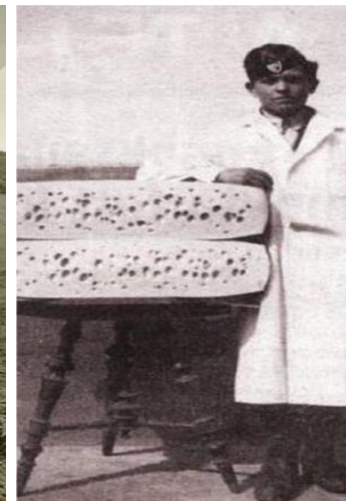


# 100 YEARS OF MENCHUL MEADOW CHEESE. REVIVAL AND DEVELOPMENT OF MEADOW FARMS

The project envisages the restoration of economic activity in the field, which will preserve traditions and increase the standard of living of the local population. In particular, it will contribute the preservation and restoration of natural meadow ecosystems, as well as the creation of new work places in agriculture sphere.

The project includes: the creation of infrastructure for mobile dairies that allow processing of milk directly on the field. This will significantly reduce the time and costs of transporting milk to production and preserve its freshness and quality.

- To ensure the preservation of ecosystems and traditions of production in the Menchul meadow.
- To ensure high-quality and safe production of dairy products and cheeses using traditional production methods.
- To promote and preserve local traditions and culture, in particular, methods of production of cheeses and dairy products, which will be preserved and passed on to future generations.
- To ensure the availability and variety of dairy products and cheeses for the local population and tourists.



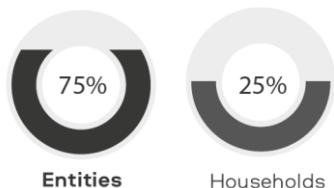






# WINEMAKING

Transcarpathia belongs to the regions of Ukraine with unique natural and climatic conditions for the development of viticulture and winemaking. In addition, our region has a unique geographical and geopolitical location, because we border with four countries of the European Union, which provides additional opportunities for studying and implementing best practices in viticulture and winemaking.



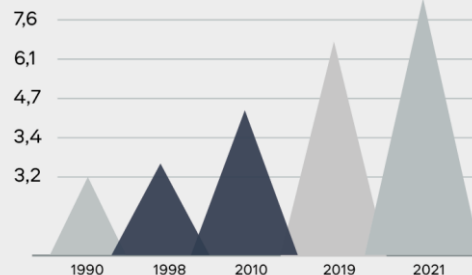
From the total area of vineyards plantations in 2021 with an area of 3.2 thousand hectares by economic entities - 787 hectares, or 25 percent, were accounted for, and the rest - by Legal Households of the population.

## MEASURES THAT ARE USED FOR THE DEVELOPMENT OF WINE PRODUCTION:

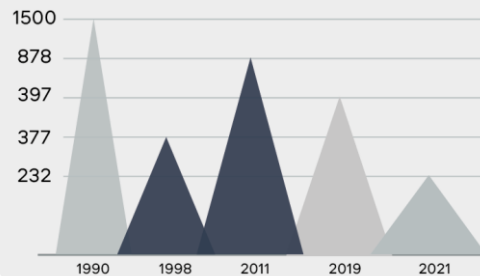
- Communication of the regional military administration with public organizations, and producers in the field of viticulture and winemaking has been established.
- In May 24, 2022, a round table meeting was held in the Regional Military Administration to discuss the problematic issues of the development of viticulture, winemaking, and the production of fruit distillates, based on the results of which an appeal was sent to the Prime Minister of Ukraine;
- Implementation of industry development experience in the federal state of Burgenland of the Republic of Austria, as well as the implementation of joint projects in viticulture and winemaking in the region, in particular, the creation and operation of a winemaking academy;
- Formation of a working group under the regional military administration with the participation of public organizations, leading producers, and scientists, the result of which should be a roadmap for the development of viticulture and winemaking in Transcarpathia for the near and distant future, revival, and realization of the existing potential of the industry.

The signing by the President of Ukraine, Volodymyr Zelensky, of the Decree of September 22, 2020 "On the Day of the Grape Grower and Winemaker", during a working trip to Transcarpathia Region on September 24-25,

Area of vineyards by all categories of farms (thousand hectares)



Wine production (thousand dekaliters)



# WINEMAKING

As of August 1, 2022, 10 producers of wine products are registered with the Regional Tax Service.



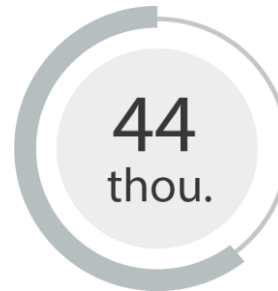
**SMALL PRODUCERS**  
producers of the winery products



**MIXED TYPE**  
producers of the winery products



**PRIMARY PRODUCTION**  
producers of the winery products



In the first half of 2022,  
44,000 decaliters of wine  
products were produced



# BANK OF LAND

In May 2022  
the state enterprise «Dobrobud»,  
that forms the bank of land was established.

The company disposes:



2 state-owned land plots  
with an area of 5 hectares



communal property



It is planned to acquire for permanent  
use land plots with an estimated area of  
hectares from communal and state-owned  
lands

## AREAS OF USE:



Construction of housing for IDPs



Production of agricultural products



Placement of production infrastructure  
of the industrial park



Placement of relocated enterprises





The territory of Transcarpathia is the safest during the war for cultivation and provision of agricultural products to the population of Ukraine.

According to the results of the analysis under martial law conditions, it was established that the state enterprises of the region have the right of permanent use of land plots with an approximate area of 10,000 hectares.

Some enterprises are in the process of liquidation due to bankruptcy, others are not using them for their intended purpose, they are overgrown with bushes and weeds, some areas are used in a way that contradicts environmental requirements.

Work is currently underway to transfer the above-mentioned land plots to the state enterprise "DobroBud" for permanent use.



# ENERGY HELP

Adopted on the basis of the order of the head of the Transcarpathian regional military administration No. 942 dated 20.12.2022, regarding business support in the conditions of the energy crisis.

It will be effective from January 2023.

This program is designed to support businesses in times of energy crisis that offer assistance.

The sources of funding for the program are 40% of the regional budget and 60% of the budgets of territorial communities.

The goal of the program is to save jobs, fill the budget and increase energy independence.

The program provides:

Compensation to business entities for part of the cost of purchased alternative sources of energy with own or credit funds.

An entrepreneur can submit an application for participation in this program in the Transcarpathia assistance application, which speeds up its processing and decision-making.

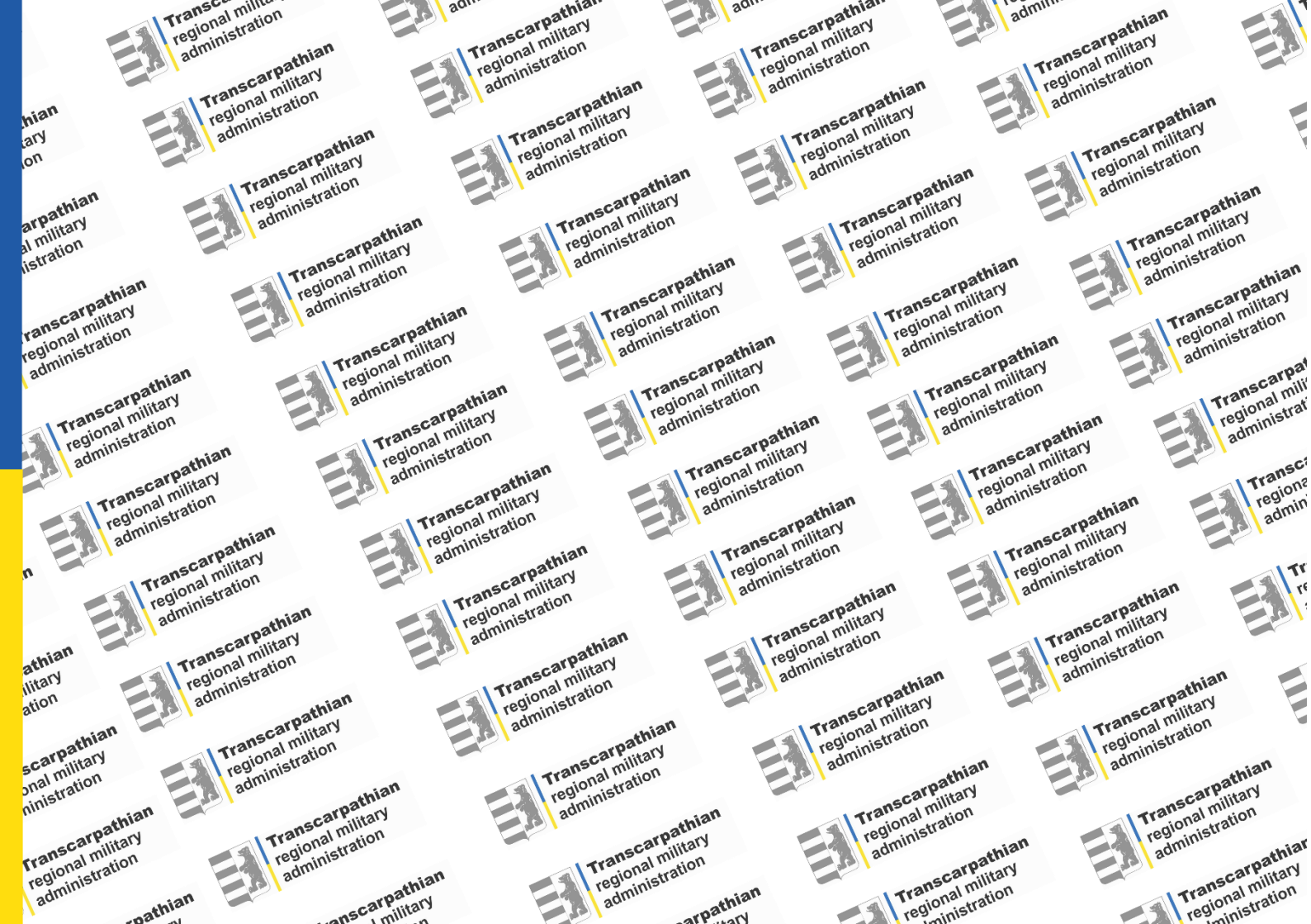
Conditions for receiving compensation:

- reimbursement of 30% of the cost of purchased alternative sources of energy supply;
- the amount of compensation cannot exceed the amount of personal income tax paid for 2022 or the amount of the single tax (by self-employed persons);
- no more than UAH 300,000;
- an alternative source of energy supply must be purchased after October 10 (the first mass missile attack on energy infrastructure facilities), paid for and available;
- the entrepreneur has the right to use the compensation provided by this program only 1 time;
- the duration of the program is the year 2023.









# SOCIAL PROJECTS

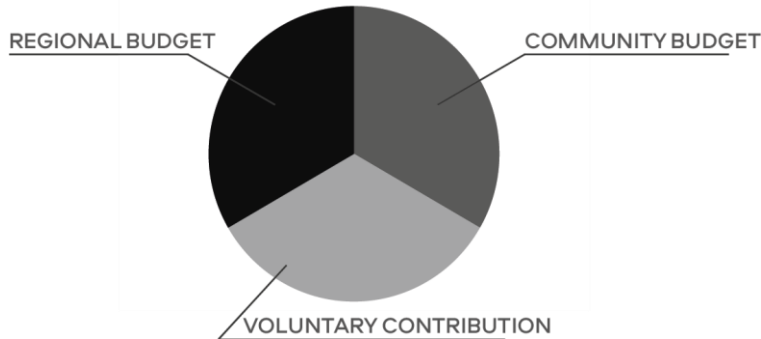


# ENERGY-EFFICIENT SMART CONSTRUCTION

Construction is carried out proportionally at the expense of the regional budget, the budget of the territorial community and voluntary contributions of individuals and legal entities, other sources not prohibited by law.

## 3 MAIN PROJECTS:

- Multi-apartment building
- Smart- at building
- Smart-apartment house





# RECONSTRUCTION OF TEMPORARY HOUSING FOR IDPS



	Deadline	Amount of objects	Amount of united communities	Financing
<b>1</b> Phase	Untill 1.09.2022	19 objects	13 communities	<ul style="list-style-type: none"> <li>Regional budget of Transcarpathia region</li> <li>Co-financing of territorial communities</li> </ul>
<b>2</b> Phase	Untill 1.12.2022	12 objects	12 communities	<ul style="list-style-type: none"> <li>Regional budget of Transcarpathia region</li> <li>Co-financing of territorial communities</li> </ul>
<b>3</b> Phase	Untill 1.03.2023	16 objects	12 communities	<ul style="list-style-type: none"> <li>IOM + regional budget of Transcarpathia region</li> <li>Co-financing of territorial united communities</li> </ul>

\* In the future, 3rd stage of corresponding reconstruction will take place until March 1

\*More than 400,000 Internally displaced persons are staying on the territory of Transcarpathia region

**TOTAL AMOUNT OF FINANCING:**  
**86 522,49 THOUSAND UAH**



**23 territorial communities**  
were involved in the repair



**31 objects**  
are planned for repair

● The regional budget – **73 055,83 thousand UAH**

● Community budget – **13 466,66 thousand UAH**





# PROVIDING IDP WITH HOUSING

Transcarpathional Regional Military Administration and "Traksler Development" LLC agreed on cooperation in the construction of housing on a land plot of 1.12 hectares in the city of Uzhhorod.

Construction is planned for 1-2 years and it is planned to build 10-12 thousand square meters of housing.

According to the investment agreement, the State enterprise as the Customer will retain 10%, respectively 10,000 - 12,000 square meters of housing.

10 000 – 12 000 thous. square meters of housing



1 – 2 years



At the same time, the Investor, taking into account today's requirements, offered to allocate part of the square meters of housing in the building, which he will put into operation already in September - October of this year. These square meters of housing (apartments) will be transferred to the balance sheet of DobroBud State Enterprise.

A memorandum will be signed between Transcarpathional Regional Military Administration and an international organization for the possibility of carrying out repair and decoration works of this residential area, as well as equipping it with everything necessary (kitchen set, refrigerator, beds, table with chairs, bathtub, washbasin, toilet, chandeliers) at the expense of donor funding. In the future, the above-mentioned housing will be transferred to Internally displaced persons.

For implementation of this task:

An investment agreement and memorandum were signed between Transcarpathian Regional State Administration and Traxler Development. It is planned to sign a memorandum between:

- State Administration and Traxler Development
- State Administration and the international organization.

Work on the implementation of the specified tasks continues.







# VLASNYI DIM

The regional target program "Vlasnyy Dim" was accepted for implementation by the decision of the Zakarpattia Regional Council dated October 1, 2020 No. 1835 "On the regional target program "Vlasnyy Dim" for 2021-2025." It is carried out by the Regional Fund for Investment of Social and Industry Objects, created in accordance with the order of the Head of the Regional State Administration No. 166 of April 21, 1999, "On the Regional Fund for Investment of Social and Industry Objects", with the participation

Preferential lending:

- loans at 3% per annum;
- loans at 0% per annum.

The category of persons is residents of Zakarpattia Oblast. Loan terms are up to 20 years.

Lending directions under the program:

- construction, purchase, extension, reconstruction, capital repair of housing;
- construction of engineering networks;
- implementation of energy-efficient and energy-saving measures;
- development of tourism services (including rural, green, etc.);
- development of animal husbandry, poultry farming, beekeeping, plant breeding, fishery and personal peasant farming.

Sole traders' lending (primarily) in the field of private farms:

- Development of tourism services
- Development of animal husbandry
- Poultry farming
- Beekeeping
- Crop production
- Fish and personal peasant farming.



**General  
amount of  
financing**



**Funds  
of local  
budgets**



# DERZHMOLODZHYTLO

Comprehensive socio-economic program of providing housing for youth, participants of ATO/OOS and internally displaced persons in Transcarpathia Oblast.

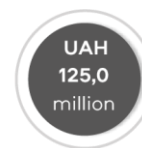
The comprehensive socio-economic program for providing housing for youth, ATO/OS participants and internally displaced persons in the Transcarpathian region was adopted by the decision of the Zakarpattia Regional Military Administration dated 30.11.2022 No. 835 "About the Comprehensive socio-economic program for providing youth, ATO/OS participants and internally displaced persons with housing in Transcarpathia region for 2023-2027".

The purpose of this program is to create appropriate conditions for providing housing for young families and single young citizens, ATO/OS participants and their family members, IDPs living in Transcarpathia Oblast, by creating attractive conditions for the development of construction, improving the mechanisms of housing acquisition and provision on this basis of further development of housing mortgage systems lending

The terms of implementation of the program stage 1: 2023-2025, stage 2 - 2026-2027.



**General amount of financing**



**Funds from the regional budget**



**Funds from the other sources, not prohibited by law**





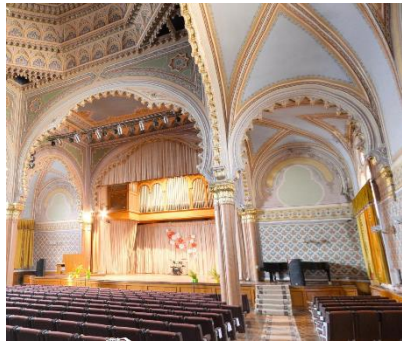
# TRANSCARPATHIAN REGIONAL PHILHARMONIC

The Philharmonic building (a large concert hall) is an architectural monument, which was built in 1904.

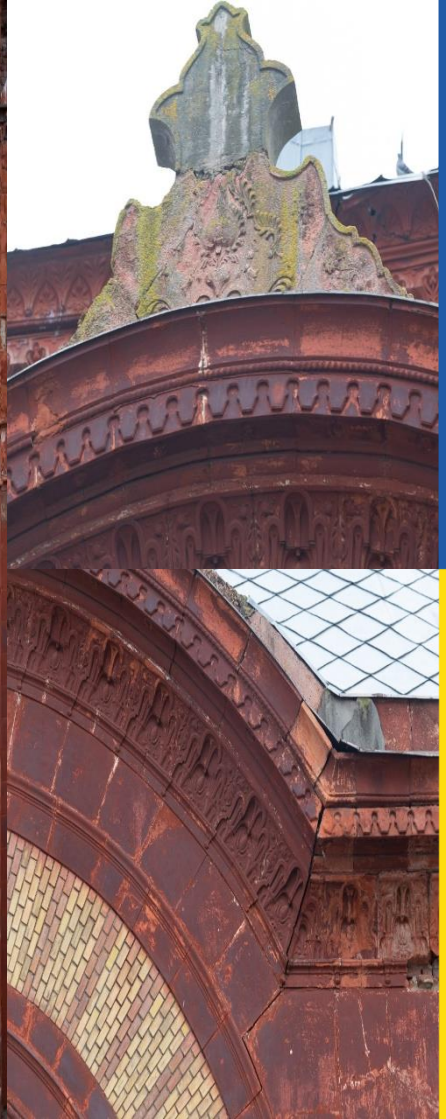
A special highlight of the philharmonic hall is the Riger Kloss organ installed in 1974.

The Philharmonic actively cooperates with foreign performers and conductors, participates in exchange concerts of creative groups both from Ukraine and abroad. Therefore, in 2012, the international festival "Music without borders" was created on the basis of the Philharmonic.

To preserve and save the architectural monument from further destruction, we ask for your help in solving the issue of repair and restoration of the roof of the specified building.









# THEATER OF DOLLS "BAVKA"

In the center of Uzhhorod, on Teatralna Square, there is a historical theater building, where in the 20s of the last century, the first theater in the region, "Prosvita", founded by M. Sadovsky.

Providing of "small form" theater projects - literary and musical compositions, poetry evenings, artistic readings, environmental quizzes and quests, as well as organizing and launching a new line of work that is extremely popular in Ukraine and Europe - "baby theater" for children from 0 to 3 years old.

The use of the additional stage space of the "small stage" for the diversification of modern theatrical performances with the aim of patriotic, ecological, developmental and aesthetic education of young Transcarpathians and guests of the region.

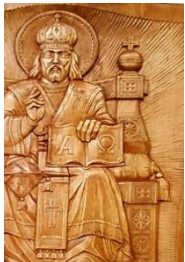


# SCANSEN MUSEUM

The Uzhhorod Skansen is one of the leading open-air museums in Ukraine. Its permanent exhibition includes:

- 13 residential buildings, 6 farm buildings (stables, food pantry, beehive);
- 3 public buildings (church, school, inn);
- 4 technical buildings (mill, stupa-cloth mill, mill, forge);
- 9 small architectural forms (wells, chicken coops, pottery oven, dovecote, kish, gate, rupa, bell in front of the school) from various ethnographic groups of Ukrainians and individual national minorities of Transcarpathia.

To focus attention on an interesting and colorful part of the cultural heritage of Transcarpathia - the folk art of wood carving, folk clothing and clothing embroidery, the stock collection of which in our open-air museum is the largest among the museums of Ukraine.



The need to show the multiculturalism and diversity of Transcarpathia, the centuries-old traditions of ethnic groups who lived in the territory of the region: Ukrainians, Hungarians, Romanians, Slovaks, Germans, Jews.

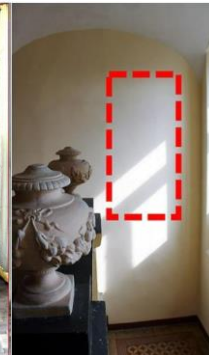
Preserve our own regional uniqueness, show the world the uniqueness of our culture.



# Transcarpathian Regional Museum of Local Lore named after Tyvodar Lehotsky

The Uzhhorod Castle is a historical monument that played a significant role in the history of the region.

The project aims to supplement the expositions of the local history museum with artificial intelligence (AI) and animated portraits of the former owners of the medieval castle, as well as videos of rare species of flora and fauna inhabiting the Carpathian region. The project aims to add interactive multimedia expositions to existing museum exhibitions to create the possibility of updating them more frequently, replacing audio and video resources with newly created ones. The project is important because it will improve the visitor experience, increase their interaction with the museum exhibitions, and introduce them to the historical and environmental significance of the region.





## RESTORATION OF THE DUNGEON OF THE UZHGOROD CASTLE AND RESTORATION OF THE NORTHERN WALL OF THE FORTRESS OF THE UZHGOROD CASTLE: CREATION OF AN OBSERVATION DECK

The dungeons of Uzhhorod Castle were recently opened to museum visitors to give visitors the opportunity to immerse themselves in the castle's past.

Uzhhorod Castle is an important cultural heritage site that requires urgent restoration and improvement work to ensure its preservation and viability as a tourist attraction.

This will contribute to the preservation of the historical and cultural heritage of the Uzhhorod Castle and its promotion as an important tourist attraction by attracting more visitors.

Uzhhorod Castle is one of the most prominent monuments in Ukraine, which has witnessed centuries of historical events. The castle walls date back to the 15th century and have undergone several modifications over the years.

The northern wall of the fortress is in need of restoration and improvement, and the creation of an observation deck in the form of a restored wooden platform along the castle wall will provide visitors with a unique perspective of the castle and its surroundings.



# DEVELOPMENT OF ELECTRIC PUBLIC TRANSPORT – THE STEP TOWARDS A SMART CITY

It is proved that motor-vehicle transport belongs to the group of the biggest sources of air pollution, with up to 70%

Engines emit a significant amount of pollution into the air:

- carbon oxides;
- hydrocarbon compounds;
- nitrogen oxides;
- lead compounds and other toxic and carcinogenic substances.

The older the motor vehicle, the higher the level of environmental pollution and the greater the damage to human health.

Today, as part of the project "Creation of an urban electric transport system in Uzhhorod", which provides for the purchase of 10 electric buses and 10 charging stations as part of the project "Urban Public Transport of Ukraine II", loans are provided by the European Investment Bank and provide for the renewal of the public transport fleet and the development of environmentally friendly public transport.

For the full development of eco-friendly public transport in Uzhhorod, about 20 electric buses and charging stations are needed.

Electric buses with a length not exceeding 10.5 metres can be used in the historic part of Uzhhorod.









# Recreational zones future.

## Development of parks and recreation areas

The European Green Deal, which Ukraine intends to join, allows local authorities to show more independence and to become the most active defenders of green areas.

The EU also has an Agreement on Green Cities. A platform for urban greening, which complements the Agreement of Mayors signed in Ukraine.

### Four groups of specialized parks

1. For widespread types of leisure with a high coefficient of preference among all age groups.
2. For types of leisure, with the preference of defined sociodemographic groups.
3. For unique types of recreation, development and entertainment.
4. For leisure activities with a low preference factor (parks-clubs by interest).

In squares, parks, alleys, the air is 2-3 times cleaner than in other ungreened urban places.









# RECONSTRUCTION OF SEWAGE TREATMENT FACILITIES

Reconstruction of sewage treatment facilities provides the quality of wastewater treatment up to maximum permissible discharge standards, production of biogas as a result of wastewater treatment. Municipal waste, including sewage sludge in large cities, creates a lot of problems with their utilization.

Waste processing processes include energy-intensive processes such as aeration and pumping. As a result of the installation of a wastewater treatment plant, significant energy consumption appears.

Rising energy prices. The operation of the wastewater treatment plant faces ever-increasing operating costs. Special bacteria process sewage sludge (sewage sludge) through anaerobic digestion and thereby produce biological gas. Such gas can be burned in a Jenbacher generator and produce electricity and heat at the wastewater treatment plant site, which will significantly reduce operating and energy costs.





Uzhhorod's wastewater treatment facilities have been operating since the time of the Soviet Union. It is not able to provide all needs of the city, which has grown significantly, without any reconstruction. With a project capacity of sewage treatment facilities of 50 000 m<sup>3</sup>/day, they actually receive 80 000 m<sup>3</sup>/day, and in rainy weather – 90 000 – 110 000 m<sup>3</sup>/day of wastewater.

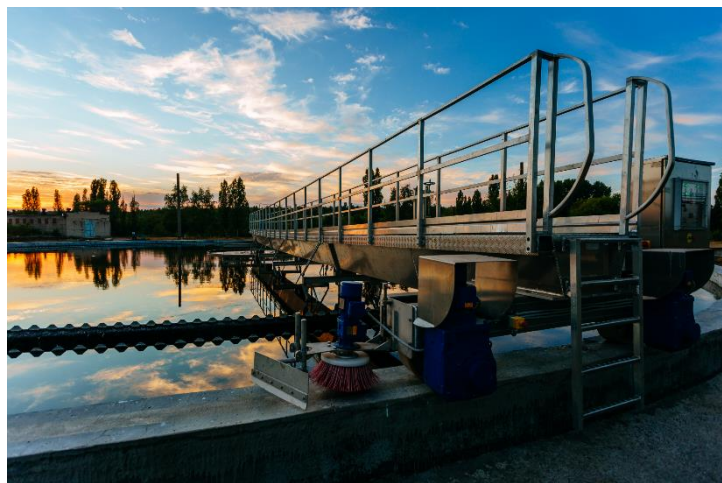
Today, Sewerage systems can not provide effective sewage treatment due to an overload of 2 times. According to this, there are negative effects to the quality of the surface waters of the Uzh River.

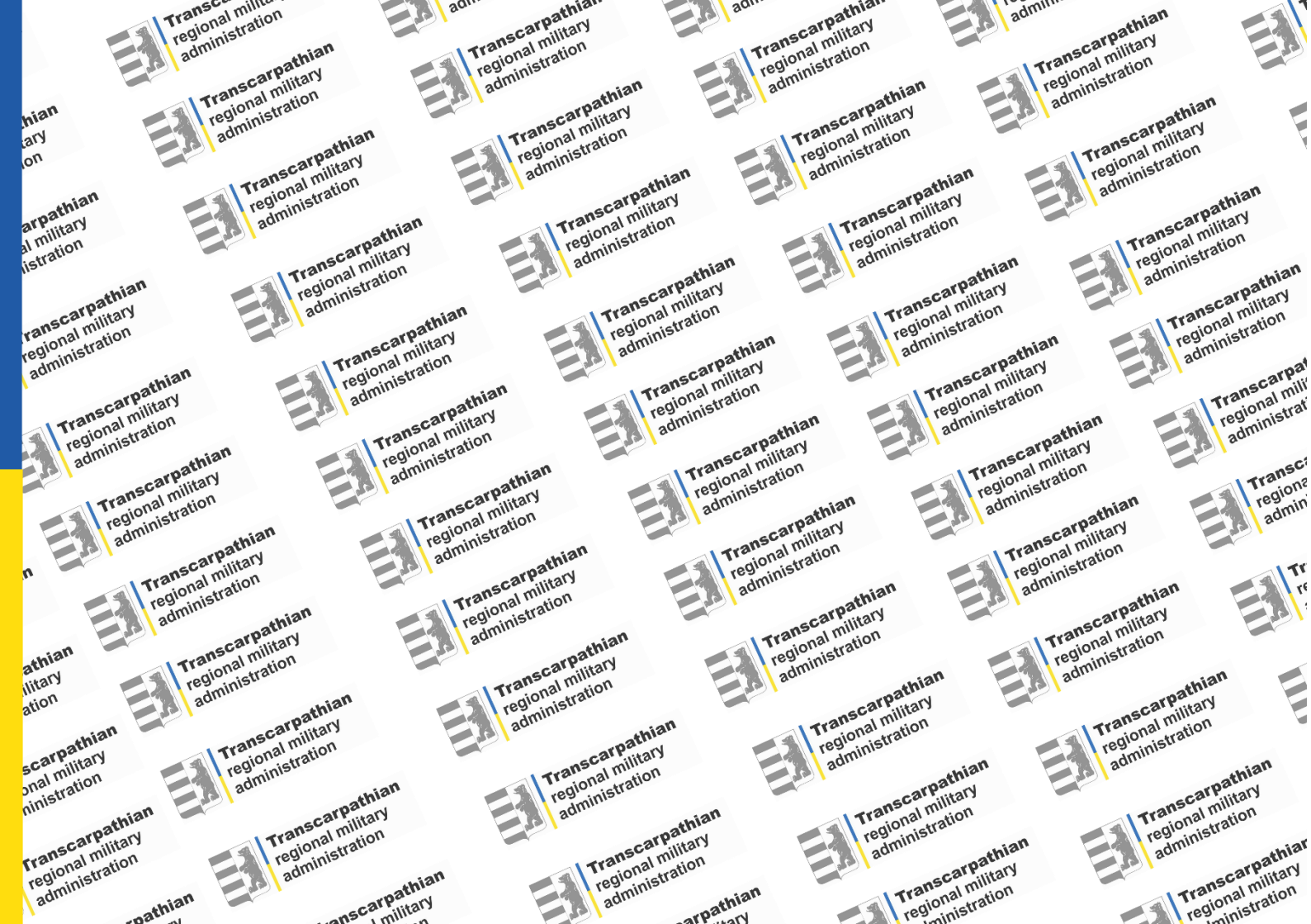
For a long time, one of the city's two sewage treatment plants is in the critical condition, so almost 9.5 million m<sup>3</sup>/year, or 34% of wastewater, does not undergo biological treatment and is discharged directly into the Uzh River.

The functioning sewage system has an unsatisfactory technical condition. About 32% of sewerage systems are in the critical condition. The share of dilapidated and critical drainage systems has reached > 16% (104.6 km).

In general, ~ 20% of sewerage systems in the region need to be relocated or rehabilitated.

The actual capacity of sewage pumping stations does not exceed 15% of the design capacity. 67 sewage pumping stations, 31.3% need reconstruction. They are equipped with 173 units of pumping equipment that has reached the end of its service life and is energy-intensive.





# SECURITY PROJECTS



# SAFE TRANSCARPATHIA

## STAGES OF PROJECT IMPLEMENTATION

- ✔ STAGE 1
- ✔ STAGE 3
- ✔ STAGE 5
- ✔ STAGE 2
- ✔ STAGE 4
- ✔ STAGE 6

### TECHNICAL TOOLS



Face recognition module

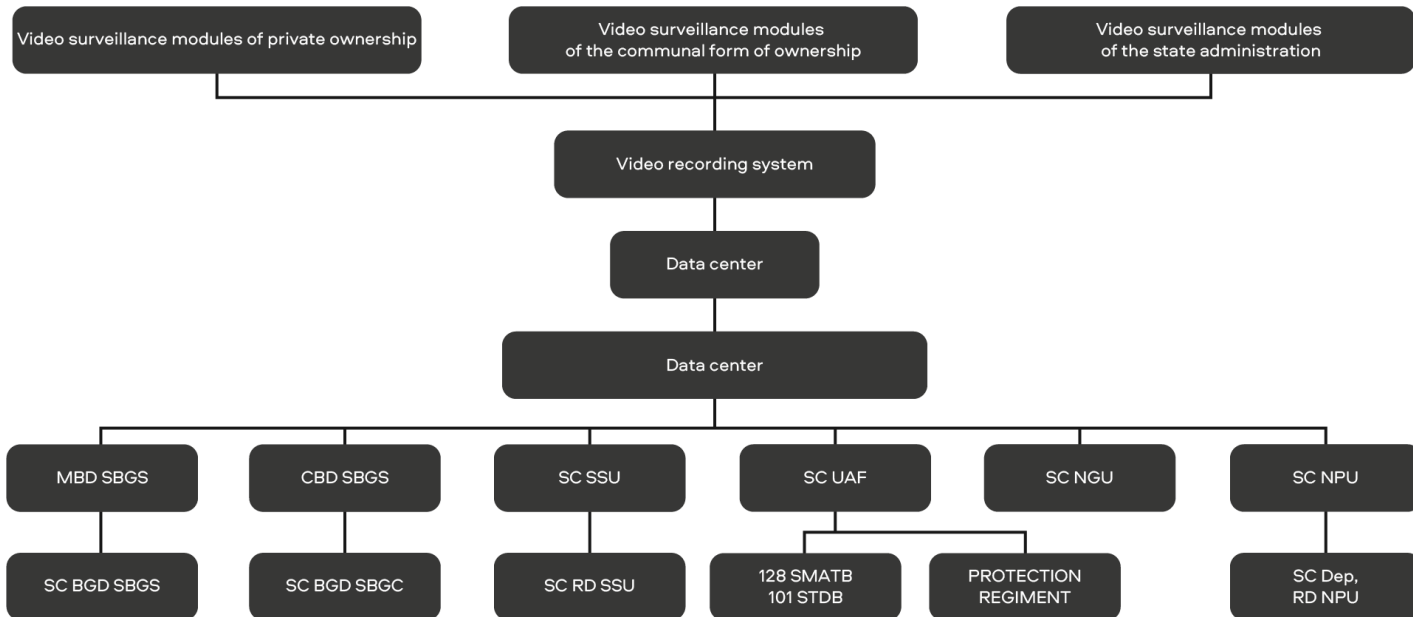


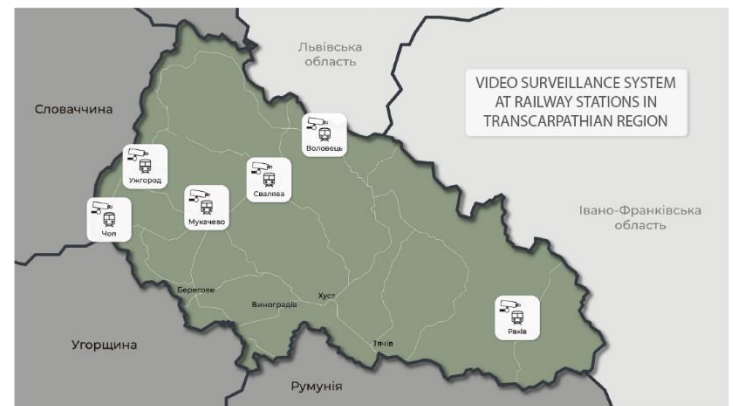
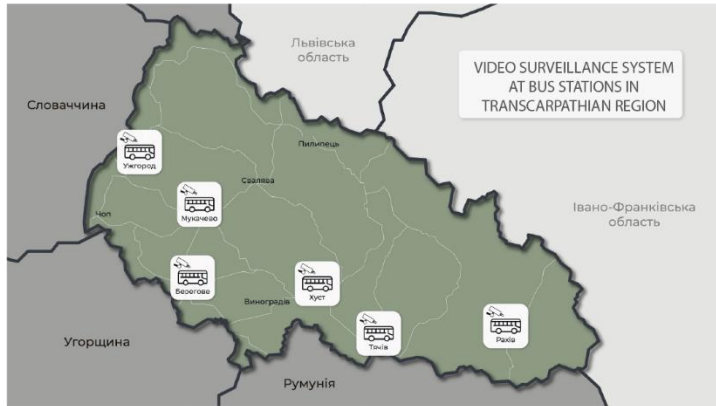
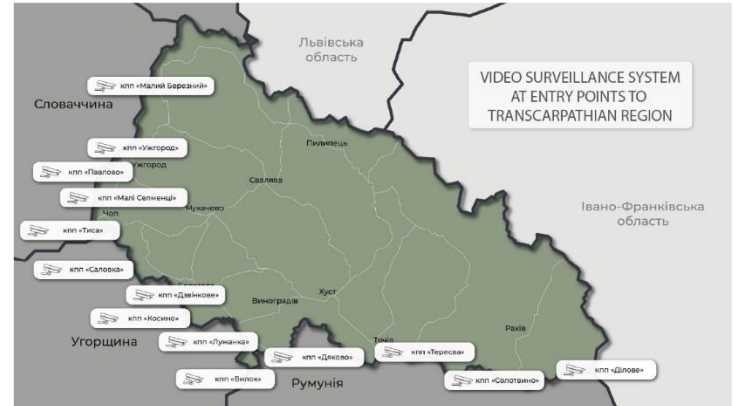
Vehicle recognition module

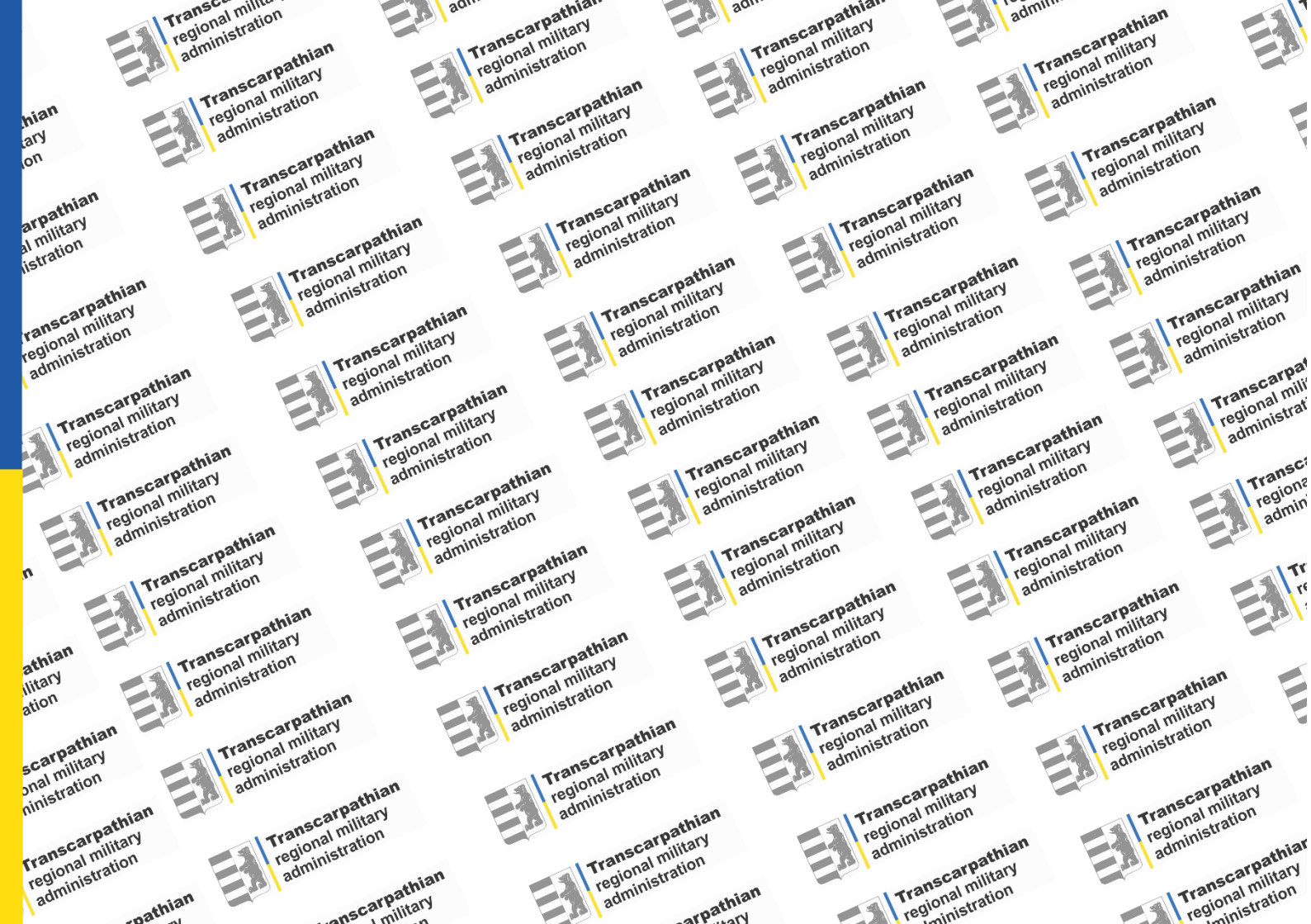


Thermal imaging control module

## SYSTEM OF WORK OF THE SITUATION CENTER "SAFE TRANSCARPATHIA"









# INNOVATION PROJECTS

# INFORMATIONAL PORTAL "HELP TRANSCARPATHIA"

The goal of the project: to develop and implement a portal that will enable:

- get all necessary reference information in one link
- submit an application for assistance to IDPs within the region;
- possibility for IDPs to apply for assistance.



## Audience

400 thousand citizens



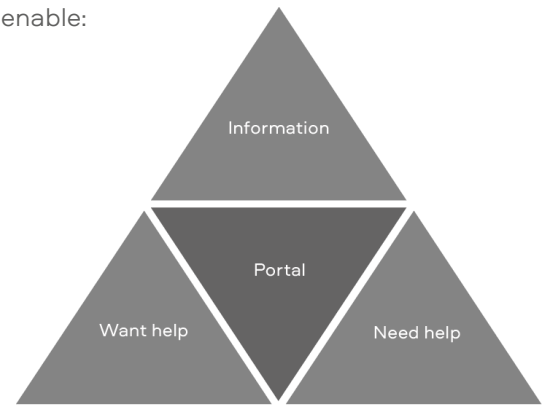
## Partners and resources involved

- Web-Portal «Diiia»
- Open registers
- Knowledge base of Transcarpathia Regional State Administration

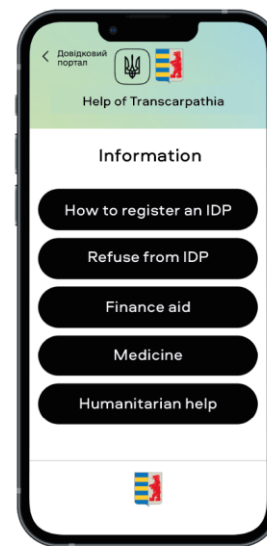
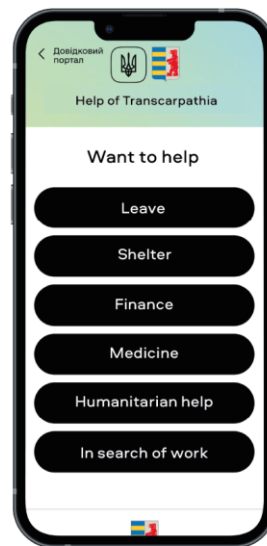
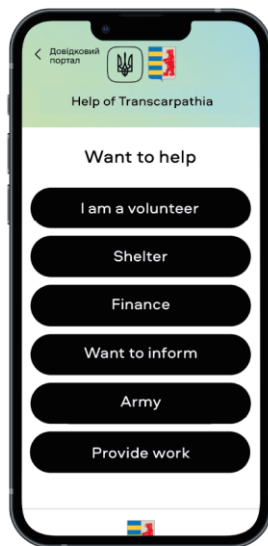
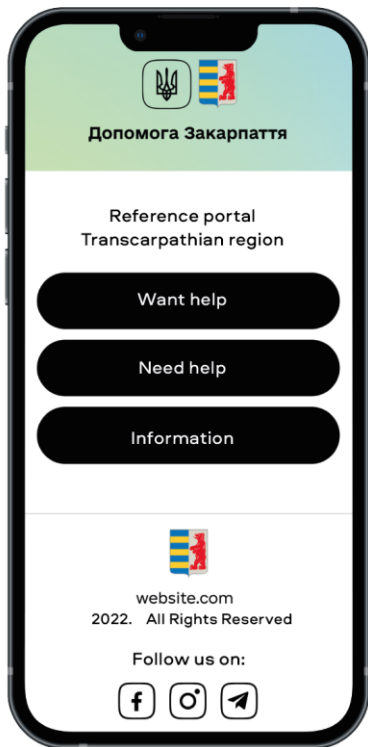


## Main connectors

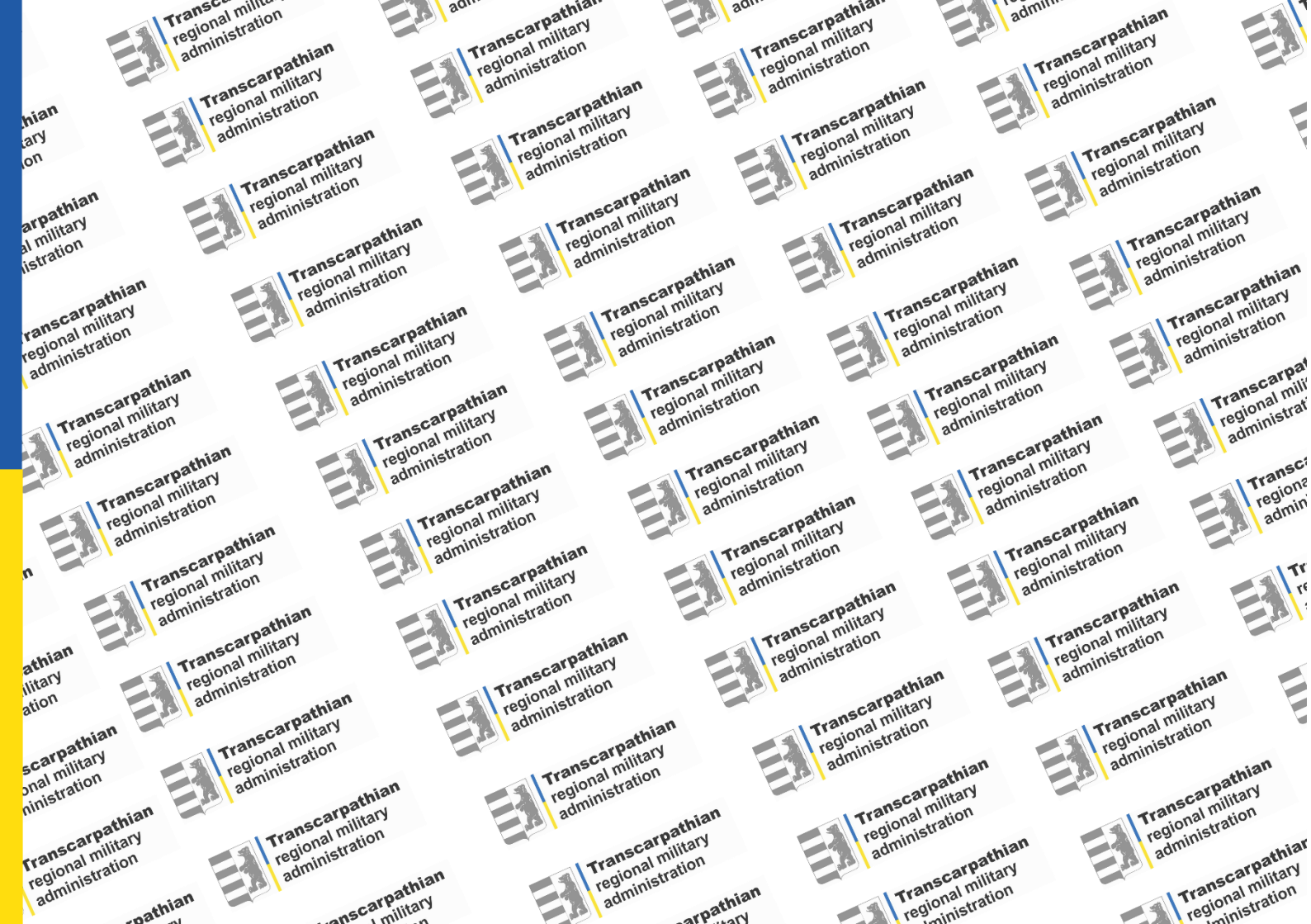
- Direkt links
- Link via QR-code



App structure







# MEDICAL PROJECTS

# REHABILITATION CENTER "CHOVEN"

The main idea of the project is to create a modern technological pace, which will include already existing and new buildings, forming a single architectural complex of the rehabilitation center.

Energy-efficient technologies will make it possible to create a system of the effective management, namely: automation of the center's life support (turning on or turning off lights based on customer motion sensors, climate control, water usage), which will contribute to reducing funds for the maintaining of the center.

	Current project	New project
Launch year	1980 – 1995	2023 – 2024
Total area	12 500 m <sup>2</sup>	17 500 – 21 000 m <sup>2</sup>
Working places	250	600 – 700
Patients	150	400
Estimated funding amount		2,4 UAH billions

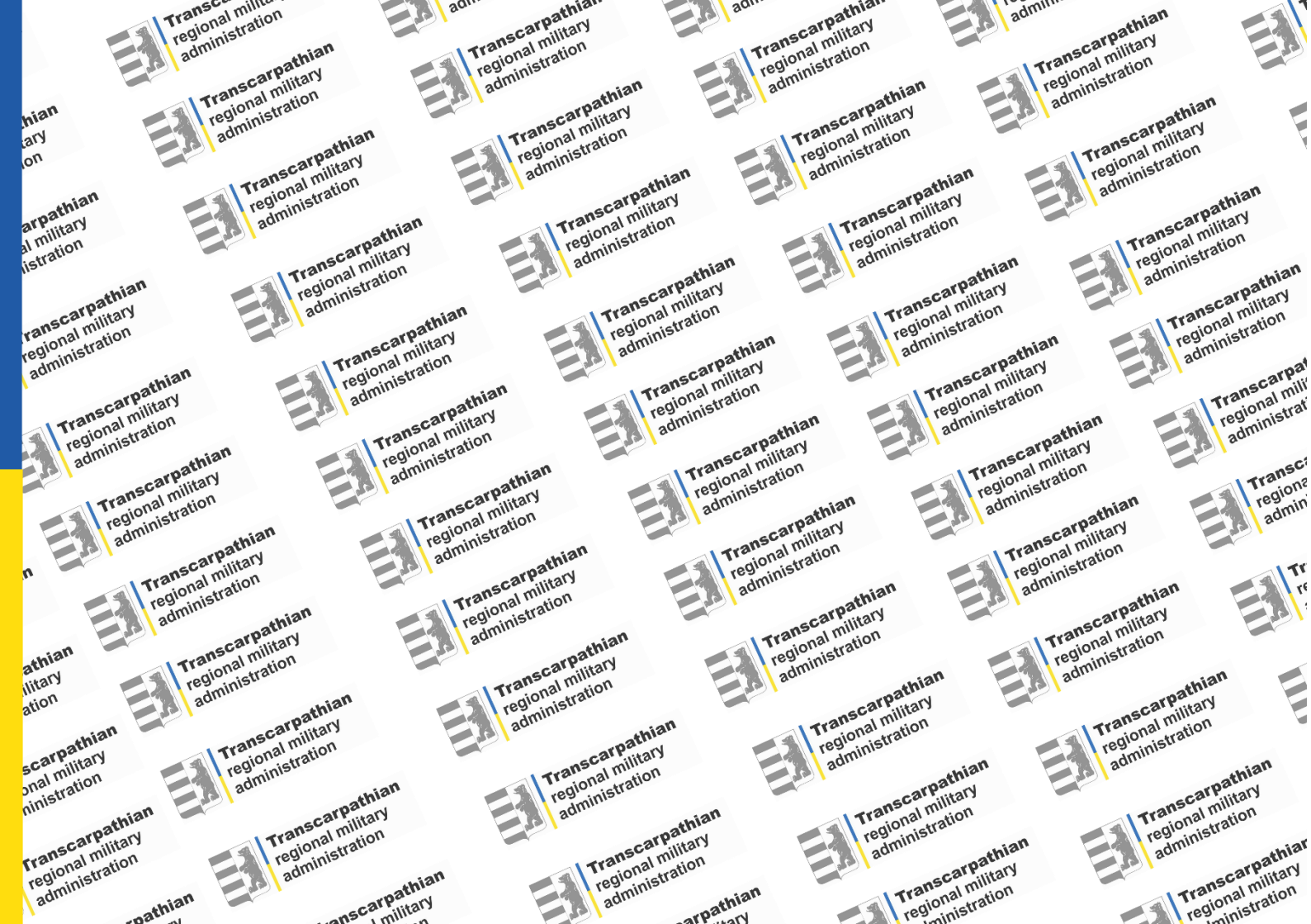




In the CHOVEN full-cycle rehabilitation center, we took into account all the important components of social adaptation and the formation of a social model of disability, strengthening the idea of a disabled person as a full- edged member of society who has the right to develop all aspects of his personality.



An example of a modern ward for patients in a rehabilitation center.



**TOGETHER TO VICTORY!**





**Transcarpathian  
regional military  
administration**