

Catalogue of reconstruction projects

- **11 projects** - reconstruction of objects for housing to accommodate IDP families (*6 communities, projects from 4 to 80 families*);
- **5 projects** – the need for medical equipment;
- **17 projects** - the need for equipment to restore water supply and sewage systems (*5 water utilities*);
- **39 projects** - energy efficiency of social infrastructure facilities in communities (*drownings, equipment, solar panels, street lighting*).

In total, 72 projects

CATALOGUE OF RECONSTRUCTION PROJECTS

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CATALOGUE OF RECONSTRUCTION PROJECTS

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Summary:

The **Bohdanivka community** is located in Pavlohrad district of Dnipropetrovsk region, with access to the administrative border with Kharkiv region. The territory covers 489.4 km². The population is 9.6 thousand people, including 860 IDPs, including ≈ 200 men and ≈ 300 women of working age.

The main driver of the community's economic growth is the development of **industry**, through the launch and filling of the 250-hectare Pavlohrad Industrial Park.



Planned residential provision: **4** families.



Aim:

Meeting the housing needs of IDP families living in the community.



Project description:

The community has a project to reconstruct a building into a dormitory to accommodate four two-bedroom apartments for IDPs, with a living area of 236.56 m². The design and estimate documentation was adjusted in 2023 by the Bohdanivka community.

Number of floors - 1. Technical condition - average. The area of the plot is 0.5 hectares. Previous use - medical institution, which is currently not used.

The building is located in the central part of the Bohdanivka village, near the local hospital and school.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant program
- co-financing.



Beneficiary

Bohdanivka village territorial community, Pavlohrad district.

3



Estimated cost: **€827.8 thousand**



Summary:

The **Verkhniodniprovsk community** is a key player in the development of the regional economy due to its logistical capabilities and diversity of agricultural and industrial complexes. **Human resources:** the community has 36.9 thousand residents, of which 24.6 thousand are urban residents and 12.3 thousand are rural residents. Since the beginning of the war, 4,586 thousand IDPs have moved to the community.

The economically active population is 59%, the population of retirement age is 21.2%, children - 19.8%. The number of unemployed people is 435. The average salary is UAH 11.9 thousand, which is 10.2% less than in the regional centre.



Planned housing provision: \approx **42** families.



Aim:

Providing housing needs for IDP families who have already been living in the community.



Project description:

A **4-storey building is proposed for reconstruction** to be used as a residence for IDPs and military families. The building is in communal ownership, with an area of **2, 134 m²**.

The technical condition is good. Previous use - administrative building.

Technical indicators: foundation - concrete blocks, walls - brick, plastered, floors - reinforced concrete slabs, floor - concrete, stairs - prefabricated concrete flights, ceiling height on the floors - 2.7-3.1 m, basement available.

Engineering infrastructure - electricity, water supply, sewerage and heating need to be connected. Land plot of communal property with the area of 0.17 ha.

Asphalt access roads are available. Within a radius of 2-5 km there are: bus station, hospital, pre-school, school educational institutions, infrastructure of Verkhnodniprovsk.

The building is currently partially used by tenants. In addition, the building can be used for light industry operations.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme
- co-financing

4



Beneficiary

Verkhnodniprovsk city TC, Kamianske district



Estimated cost:

€ 2 mln



Summary:

The **Verkhniodniprovsk community** is a key player in the development of the regional economy due to its logistical capabilities and diversity of agricultural and industrial complexes. **Human resources:** the community has 36.9 thousand residents, of which 24.6 thousand are urban residents and 12.3 thousand are rural residents. Since the beginning of the war, 4,586 thousand IDPs have moved to the community.

The economically active population is 59%, the population of retirement age is 21.2%, children - 19.8%. The number of unemployed people is 435. The average salary is UAH 11.9 thousand, which is 10.2% less than in the regional centre.



Planned housing provision: \approx **40** families.



Aim:

Providing housing needs for IDP families who have already been living in the community.



Project description:

A **4-storey building is proposed for reconstruction** to be used as a residence for IDPs and military families. The building is in communal ownership, with an area of **2,053 m²**.

The technical condition is good. Previous use - the building of the "Dnipro" hotel.

Technical characteristics: foundation - reinforced concrete, walls - brick, plastered, floors - reinforced concrete slabs, concrete floor, stairs - prefabricated concrete flights, ceiling height on the floors - 2.7-2.8 m, there is a basement and a ground floor.

Available engineering infrastructure - electricity, water supply and sewerage, electric heating. Land plot of communal property with an area of 0.24 hectares.

There are asphalt access roads. Within a radius of 2-5 km there are: bus station, hospital, pre-school, school educational institutions, infrastructure of Verkhnodniprovsk.

Currently, people live on the 4th floor of the building, while the rest of the premises are partially used by tenants. In addition, the building can be used for the operation of light industry enterprises.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme
- co-financing

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Beneficiary

Verkhnodniprovsk city TC, Kamianske district



Estimated cost: **€ 1,9 mln**



Summary:

The **Verkhniodniprovsk community** is a key player in the development of the regional economy due to its logistical capabilities and diversity of agricultural and industrial complexes. **Human resources:** the community has 36.9 thousand residents, of which 24.6 thousand are urban residents and 12.3 thousand are rural residents. Since the beginning of the war, 4,586 thousand IDPs have moved to the community.

The economically active population is 59%, the population of retirement age is 21.2%, children - 19.8%. The number of unemployed people is 435. The average salary is UAH 11.9 thousand, which is 10.2% less than in the regional centre.



Planned housing provision: \approx **37** families.



Aim:

Providing housing needs for IDP families who have already been living in the community.



Project description:

A **3-storey building** is **proposed for reconstruction** to be used as a residence for IDPs and military families. The building is in communal ownership, with an area of **1,845 m²**. **The technical condition is satisfactory.** Previous use - outpatient clinic.

Technical indicators: foundation - rubble, walls - brick, floors - reinforced concrete slabs, concrete floor, stairs - prefabricated concrete flights, roof - slate, ceiling height on the floors - 2.8 m, there is a basement.

Available engineering infrastructure - electricity, water supply and sewerage, gas supply, lift.

The land plot is communal property with an area of 2.28 hectares.

Asphalt access roads are available. Within a radius of 2-5 km there are: pre-schools, schools, infrastructure of the Dniprovsk settlement. In addition, the building can be used for the operation of light industry enterprises.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme
- co-financing

6



Beneficiary

Verkhnodniprovsk city TC, Kamianske district



Estimated cost:

€ 1,8 mln



Summary:

The **Verkhniodniprovsk community** is a key player in the development of the regional economy due to its logistical capabilities and diversity of agricultural and industrial complexes. **Human resources:** the community has 36.9 thousand residents, of which 24.6 thousand are urban residents and 12.3 thousand are rural residents. Since the beginning of the war, 4,586 thousand IDPs have moved to the community.

The economically active population is 59%, the population of retirement age is 21.2%, children - 19.8%. The number of unemployed people is 435. The average salary is UAH 11.9 thousand, which is 10.2% less than in the regional centre.



Planned housing provision: \approx **67** families.



Aim:

Providing housing needs for IDP families who have already been living in the community.



Project description:

A **4-storey building** is **proposed for reconstruction** to be used as a residence for IDPs and military families. The building is in communal ownership with an area of **3,391 m²**. **The technical condition is good.** Previous use - a building of a primary school building. Technical characteristics: foundation - reinforced concrete, walls - brick, floors - reinforced concrete slabs, concrete floor, stairs - prefabricated concrete flights, roof - slate, ceiling height on the floors - 2.8-3.7 m, there is a basement.

Available engineering infrastructure - electricity, water supply and sewerage, water heating. Land plot of communal property with the area of 4.1 ha.

There are asphalt access roads. Within a radius of 2-5 km there are: a hospital, pre-school and school educational institutions, infrastructure of Dniprovsk settlement.

The building has not been used in the educational process for more than 2 years. In addition, the building can be used for the operation of light industry enterprises.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme
- co-financing

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Beneficiary

Verkhnodniprovsk city TC, Kamianske district



Estimated cost: **€ 3 mln**



Summary:

Hubynykha community is economically stable, open to international cooperation, aimed at providing quality living conditions and a full range of administrative and social services. The community's economy is diversified, where industry and agriculture play a key role. The territory is 738.1 km². The population is 17.9 thousand people, including 1.4 thousand IDPs, with ≈ 150 men and ≈ 450 women of working age who are supported by the community and involved in its economy.



Planned residential provision: ≈ **18** families



Aim:

Meeting the housing needs of IDP families living in the community.



Project description:

The community has a project for the reconstruction of a building for IDPs, with a living space of 636 m². Design and estimate documentation needs to be adjusted. Number of floors - 2. Technical condition - average. Land plot area is 0.3 hectares. Previous use - a dormitory, which is currently not in use.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme
- co-financing



Beneficiary

Hubynykha settlement territorial community, Novomoskovsk district

8



Estimated cost: €468 thousand



Summary:

Kryvyi Rih is the main base for the development of the national ferrous metallurgy industry, as well as the mining and metallurgical complex, chemical and food industries, machine building and construction sectors. Kryvyi Rih has joined the e-platform "Public Project" implemented by USAID and SocialBoost, which ensures transparency in determining the best proposals from the citizens. The area of the city is 444.4 km². The population is 606.6 thousand people, including 54.1 thousand IDPs, of whom ≈ 8.5 thousand men and ≈ 19.3 thousand women are of working age.



Planned residential provision: ≈ **40** families



Aim :

Meeting the housing needs of IDP families living in the community.



Project description :

A municipal building is proposed for reconstruction as a residential building for IDPs. Residential area is 1970.6 m². Technical condition is satisfactory. Previous use - preventive building №1 for the aged, which is currently partially used. Example of project implementation: In 2023, a project was launched to reconstruct the building of the former Svitanok dispensary into a hostel for IDPs. The project is being implemented with the support of the Ukrainian Social Investment Fund.



Mechanisms of cooperation :

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme
- co-financing



Beneficiary

Kryvyi Rih city territorial community, Kryvyi Rih district

9



Estimated cost: €1.8 mln



Summary:

The main economic sector of the **Pershotravensk community** is the coal industry. There are 2 coal mines here, namely Stepova and Yuvileina. The territory covers 791.7 km². The population is 12.1 thousand people, including 3.2 thousand IDPs, of whom ≈ 400 are able-bodied and ≈ 1.1 thousand are women.

The community is an active participant in international programs. The city received a grant from the Dutch organizations VNG International and PAX to implement the “Partnership for Development” project. The city also received a grant from the international financial organization NEFCO to implement energy-saving measures and improve the energy efficiency of municipal facilities.



Planned residential provision: ≈ **80** families.



Aim:

Meeting the housing needs of IDP families living in the community.



Project description:

The **5-storey former dormitory building** has a living area of 3,366 m², an adjacent asphalted area (0.15 hectares), and a parking lot for 25 cars. The building is located in the central part of the city. Technical condition - satisfactory. Current use - not in use.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant program
- co-financing.



Beneficiary

Pershotravensk city territorial community, Synelnykove district

10



Estimated cost:

€791.5 thousand



Summary:

Pidhorodne city community is one of the economically developed territories with a favourable geographical location - it is located in the northern part of the regional center and combines settlements of classical village type and urbanised settlements. The community has industrial and trade cooperation with Dnipro. The area of the community is 232.6 km². Population - 23.4 thousand people, including 2.2 thousand IDPs, with ≈ 500 men and ≈ 900 women of working age.



Planned residential provision: ≈ **16** families



Aim :

Meeting the housing needs of IDP families living in the community



Project description :

The community is planning a project to build on the 3rd floor of the existing dormitory for 16 families. The foundation of the dormitory has already been assessed, which makes it possible to build a 3rd floor extension with a total area of 538.5 m². Currently, 23 families live in the dormitory.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme
- co-financing



Beneficiary

Pidhorodne city territorial community, Dniprovskiy district



Estimated cost: €1.2 mln



Summary:

The main city-forming component of the **Pokrov city community's** economy is the mining industry. The community is located on the largest manganese ore deposit in Europe. In addition, the community mines granite, sand, bauxite and other raw materials for the production of building materials. Other key industries include chemicals and machine building.

The territory covers 169.1 km². The population is 42.2 thousand people, including 2.3 thousand IDPs, with \approx 400 men and \approx 800 women of working age who are involved in the community's economy.



Planned residential provision: \approx **35** families.



Aim:

Improving the living conditions of IDP families already living in the community.



Project description:

The community offers a developed project for the repair of a residential dormitory - repair of the internal heating system. The living area is 2571.8 m². The design and estimate documentation needs to be adjusted. The number of floors is 5. The technical condition is satisfactory. The dormitory is currently home to both IDPs (55 people, which is 70%) and community residents (25 people, 30%).



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant program
- co-financing.



Beneficiary

Pokrov city territorial community, Nikopol district



Estimated cost: **€34.9 thousand**



Summary:

Pokrovska settlement TC - has favourable conditions for living and doing business, introducing high-tech agriculture and developing the processing industry. The community's economy has an **agro-industrial specialisation** in the following areas: growing cereals, legumes and industrial crops, vegetables, livestock development and dairy processing. Area: 705.5 km². Population: 23. thousand people, including 3.7 thousand internally displaced persons.



Planned housing provision: ≈ **15** families.



Aim:

Providing housing needs for IDP families who have already been living in the community.



Project description:

The community offers a developed project for IDP housing - reconstruction of a non-residential building of a non-operational preschool educational institution with an area of **1134.20 m²**. Design and estimate documentation was developed by the community in 2023. Project envisages: internal redevelopment, roof replacement, external wall insulation and installation of utilities.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme
- co-financing



Beneficiary

Pokrovska settlement TC, Synelnykove district



Estimated cost:

€893.9 thousd.



Ukraine

HEALTHCARE

Dnipropetrovsk region



Summary:

CE "DNIPRO REGIONAL CLINICAL ONCOLOGY DISPENSARY" of Dnipropetrovsk Regional Council is a leading multidisciplinary medical center of oncology treatment.



Covered population: over **150 thousand** patients per year

Dnipropetrovsk, Kharkiv, Zaporizhzhia, Donetsk and Luhansk regions.



Aim:

Providing high-quality oncological medical care to the population under martial law.



List of necessary equipment:

- linear accelerator Elekta Harmony.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary

CE "DNIPRO REGIONAL CLINICAL ONCOLOGY DISPENSARY" of Dnipropetrovsk Regional Council



Estimated cost:

€1.53 mln

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Ukraine

HEALTHCARE

Dnipropetrovsk region



Summary:

ME "KRYVVI RIH CITY HOSPITAL №3" of Kryvyi Rih City Council" is a multidisciplinary healthcare institution that serves adults in Kryvyi Rih district and internally displaced persons from the temporarily occupied territories of Ukraine. During the war against the Russian Federation, the hospital provides treatment to military personnel wounded and injured in hostilities..



Covered population: over **100 thousand** patients per year



Aim :

Providing specialised medical care to the population under martial law, as well as timely and high-quality surgical operations to both civilians and wounded military personnel.



List of necessary equipment:

- Endoscopic stand for minimally invasive surgery;
- C-arc (electron-optical converter);
- Electrocoagulator with electric knife;
- Air conditioners for operating rooms.



Mechanisms of cooperation :

- assistance from the partner regions
- technical humanitarian assistance from international organizations
- targeted grant programme



Beneficiary:

ME "KRYVVI RIH CITY HOSPITAL №3" of Kryvyi Rih City Council"

15



Estimated cost:

€764 thousand



Ukraine

HEALTHCARE

Dnipropetrovsk region



Summary:

ME "KRYVYI RIH CENTRAL DISTRICT HOSPITAL" of Novopillia Village Council" is a health care hospital that provides secondary and specialized medical care services to residents of Dnipropetrovsk region, adjacent territories of neighboring regions, as well as to military personnel, IDPs, and evacuees.



Covered population: **6.5 thousand** patients per year

Dnipropetrovsk, Kherson, Mykolaiv regions.



Aim:

for timely and high-quality surgical operations for both children and the injured, as well as providing endoscopic diagnostics, carrying out the medical and diagnostic process using new forms and methods, achievements of medical science and health care practice.



List of necessary equipment:

- endoscopic stand for otorhinolaryngology;
- endoscopic stand for arthroscopy;
- endoscopic stand for laparoscopy;
- X-ray surgical apparatus EOC;
- medical couches;
- operating (surgical) lamps.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme.



Beneficiary

ME "KRYVYI RIH CENTRAL DISTRICT HOSPITAL" of Novopillia Village Council"

16



Estimated cost: **€ 389 thousand**



Ukraine

HEALTHCARE

Dnipropetrovsk region



Summary:

ME “KRYVYI RIH REGIONAL CLINICAL ONCOLOGY DISPENSARY” of Dnipropetrovsk regional council” - is a powerful institution that provides prevention, diagnosis, and treatment of cancer patients.

The institution provides highly specialized assistance to residents of Dnipropetrovsk region, as well as internally displaced persons from other regions and defenders of the Ukraine armed forces.



Covered population: over **100 thousand** patients per year



Aim:

to provide the population with highly specialized care and timely endoscopic diagnosis, prevention and detection of oncological diseases in the early stages.



List of necessary equipment :

- Mammomat Fusion Siemens digital mammograph in a new configuration;
- video endoscopic system Olympus EVIS X1 with the following components:
 - video processor Olympus CV-1500;
 - video gastroscope Olympus GIF-EZ1500;
 - video colonoscope Olympus CF-EZ1500DL;
 - video monitor Olympus OEV321UH;
 - stable endoscopic Olympus WM-NP3;
- Karl Storz laparoscopy stand;
- thoracoscopic stand complete with a manipulator;
- system video center Olympus CV-190 EVIS EXTERA III complete with bronchovideoscope BF-1190;
- «AnyScan S» Dual detector gamma camera system;
- X-ray Therapy Apparatus.



Mechanisms of cooperation:

- assistance from the partner regions;
- technical humanitarian assistance from an international organization
- targeted grant programme.



Beneficiary:

ME “KRYVYI RIH REGIONAL CLINICAL ONCOLOGY DISPENSARY” of Dnipropetrovsk regional council



Estimated cost: € **2.8 mln**

17



Ukraine

HEALTHCARE

Dnipropetrovsk region



Summary:

CNE "PAVLOGRAD INTENSIVE CARE HOSPITAL" of the Pavlohrad City Council" is a healthcare institution that provides secondary and specialised medical care to residents of Pavlohrad district and adjacent districts of Dnipropetrovsk region, as well as to military personnel and IDPs. Proposed project: re-equipment of the surgical department..



Covered population: over **5000** patients per year



Aim:

Creation of preconditions for timely and high-quality surgical operations, especially in case of massive influx of wounded.



List of necessary equipment:

- Angiograph with neuronavigation function Azurion7 C30;
- Laparoscopic stand "Karl Storz" with a set of "Premium" instruments;
- Apparatus for pneumatic compression therapy;
- Historesectoscope (office 2.9-4.0 mm, 30' angle);
- Automatic endoscopic reprocessor with two tanks;
- Digital stationary colposcope;
- Cystoresectoscope;
- Laparoscopic morcellator "Karl Storz Unidrive GYN Rotocut";
- Diagnostic X-ray system, mobile;
- Electrocardiograph;
- Other equipment according to the PDD.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme



Beneficiary:

CNE "PAVLOGRAD INTENSIVE CARE HOSPITAL" of the Pavlohrad City Council"



Estimated cost:

€2.9 mln

18



**WATER SUPPLY
SYSTEM**

Ukraine

Dnipropetrovsk region



Summary:

ME«Solonyansky housing and communal services department» of Dnipropetrovsk Regional Council» - is a provider of centralised water supply and sewerage services to the population and enterprises of Solonyansky settlement.



Covered population:

over 28 thousand



Aim:

Improving the quality of water supply and treatment services, ensuring prompt response and elimination of emergencies at water supply, sewage and treatment facilities.



List of equipment:

- a sewage truck with a volume of 8 m³ and a pump capacity of 100 kW
- mobile repair workshops – 2 pcs



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme



Beneficiary

ME«Solonyansky housing and communal services department» of Dnipropetrovsk Regional Council»

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Estimated cost:

€ 538 thousand



**WATER SUPPLY
SYSTEM**

Ukraine

Dnipropetrovsk region



Summary:

ME«Solonyansky housing and communal services department» of Dnipropetrovsk Regional Council» - is a provider of centralised water supply and sewerage services to the population and enterprises of Solonyansky settlement.



Covered population:

over 28 thousand



Aim:

Improving the quality of water supply and treatment services, introducing energy-efficient management technologies in networks, water supply and sewage and treatment facilities.



List of equipment:

- pumping unit with a capacity of 30 kW, with a productivity of $Q = 201.4 \text{ m}^3/\text{h}$, pressure $H = 36.44 \text{ mm}$ complete with frequency converters for pump control - 2 pcs
- frequency converter with a capacity of 200 kW type GD 200F 185G/200P-4
- transformer with a voltage of 35 kV and a capacity of 1000 kVA
- transformer with a voltage of 6.1 kV and a capacity of 63 kVA - 2 pcs
- other equipment (gate valves, air cable, check valve) in accordance with the reconstruction project



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme



Beneficiary

ME«Solonyansky housing and communal services department» of Dnipropetrovsk Regional Council»

20



Estimated cost:

€ 150 thousand



**WATER SUPPLY
SYSTEM**

Ukraine

Dnipropetrovsk region



Summary:

ME«Solonyansky housing and communal services department» of Dnipropetrovsk Regional Council» - is a provider of centralised water supply and sewerage services to the population and enterprises of Solonyansky settlement.



Covered population: over 28 thousand



Aim:

Improving the quality of water supply and treatment services, ensuring prompt response and elimination of emergencies at water supply and sewage networks, treatment facilities, implementation of energy efficient technologies, and management at these facilities.



List of equipment:

- device for thermistor welding of PE-pipes with an electric motor voltage of 230 V and a power of 3.5 kW
- water pressure regulator with a nominal diameter of DN 100 mm and a pressure setting range of 1.5-7.5
- universal cast iron adapter flange with outer diameter 109-128 mm
- universal cast iron adapter flange with outer diameter 159-182 mm
- other equipment (mounting device, clamp) in accordance with the reconstruction project



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme



Beneficiary

ME«Solonyansky housing and communal services department» of Dnipropetrovsk Regional Council»



Estimated cost: € 232 thousand

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**WATER SUPPLY
SYSTEM**

Ukraine

Dnipropetrovsk region



Summary:

ME«Sinelnikivky City Vodokanal» of Dnipropetrovsk Regional Council» - is a provider of centralised water supply and sewerage services to the population and enterprises of Sinelnikivky urban community.



Covered population:

over 30 thousand



Aim:

Improving the quality of water supply and treatment services, ensuring prompt response and elimination of emergencies at water supply and sewage networks, treatment facilities, implementation of energy efficient technologies, and management at these facilities.



List of equipment:

- pipes (material - cast iron, reinforced concrete, ceramics) Ø 100-700 mm, Ø 25-500 mm.
- shut-off valves from 25-500 mm.
- mobile repair workshops - 2 pcs.
- vacuum truck with a container capacity of 4-6 m³ - 2 pcs.
- dump truck with a body volume of 8-10 m³ - 1 pc.
- backhoe loader with a 1.1 m³ bucket and additional attachments - 1 pc.
- fire hydrants - 17 pcs.
- water tanker for water supply 5 m³ - 2 pcs.
- other equipment in accordance with the reconstruction project (reconstruction of aeration systems of sewage treatment plants: mechanical rake screen, disc aerators, blowers with frequency converters, oxygen meter, drum sieve, compressor).



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme

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Beneficiary

ME«Sinelnikivky City Vodokanal » of Dnipropetrovsk Regional Council»



Estimated cost:

€ 425 thousand

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**WATER SUPPLY
SYSTEM**

Ukraine

Dnipropetrovsk region



Summary:

ME «Zhovt vodskii Vodokanal» of Dnipropetrovsk Regional Council» - is a provider of centralised water supply and sewerage services to the population and enterprises of Zhovt vodskii urban community. The company offers projects to improve water quality and services.



Covered population:

over 50 thousand



Aim:

Improving the quality of emergency response services and eliminating emergencies at water supply, wastewater and treatment facilities.



List of equipment:

- a sewage truck (sludge truck) with a capacity of up to 6 m³
- mobile workshop - 3 pcs.
- tanker truck for transporting drinking water with a volume of up to 8 m³
- excavator with a bucket of 0.25 m³
- channel washing unit
- other equipment in accordance with the reconstruction project.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme



Beneficiary

ME «Zhovt vodskii Vodokanal» of Dnipropetrovsk Regional Council»



Estimated cost:

€ 554 thousand

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**WATER SUPPLY
SYSTEM**

Ukraine

Dnipropetrovsk region



Summary:

ME «Zhovtovodskii Vodokanal» of Dnipropetrovsk Regional Council» - is a provider of centralised water supply and sewerage services to the population and enterprises of Zhovtovodskii urban community. The company offers projects to improve water quality and services.



Covered population:

over 50 thousand



Aim:

Improving the quality of emergency response services and eliminating emergencies at water supply, wastewater and treatment facilities.



List of equipment:

- a pump with a capacity of 1250 m³ /h, a head of 125 m, an electric motor voltage of 6 kV, and a power of 630 kW - 1 pc.
- a pump with a capacity of 800 m³ /h, a head of 110 m, an electric motor with a capacity of 400 kW, a voltage of 6 kV, with a soft start system and frequency control - 1 pc.
- a blower with an electric motor voltage of 6 kV, a power of 320 kW, a speed of 3000 rpm. - 1 pc.
- blower with voltage of 0.4 kV, power up to 160 kW, with soft start system and frequency control - 1 pc.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme



Beneficiary

ME «Zhovtovodskii Vodokanal» of Dnipropetrovsk Regional Council»



Estimated cost:

€ 245 thousand

24



**WATER SUPPLY
SYSTEM**

Ukraine

Dnipropetrovsk region



Summary:

ME «Zhovtiovodskii Vodokanal» of Dnipropetrovsk Regional Council» - is a provider of centralised water supply and sewerage services to the population and enterprises of Zhovtiovodskii urban community. The company offers projects to improve water quality and services.



Covered population:

over 50 thousand



Aim:

Improving the reliability of the wastewater system and environmental safety at wastewater networks and treatment facilities, introducing energy-efficient technologies and management at these facilities.



List of equipment:

- a system of perforated PE plastic drainage pipes with an inner diameter of $\varnothing 115$ mm and a length of 430 m.
- anthracite chips with a working diameter of 0.8-1.8 mm, volume 175.5 m³
- polyethylene pipes and connecting systems for air supply to the water to improve oxidation and aeration, total length 600 m, pipeline diameter $\varnothing 150$ mm.
- other equipment in accordance with the existing reconstruction project.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme



Beneficiary

ME «Zhovtiovodskii Vodokanal» of Dnipropetrovsk Regional Council»



Estimated cost:

€ 285 thousand

25



**WATER SUPPLY
SYSTEM**

Ukraine

Dnipropetrovsk region



Summary:

ME «Zhovtovodskii Vodokanal» of Dnipropetrovsk Regional Council» - is a provider of centralised water supply and sewerage services to the population and enterprises of Zhovtovodskii urban community. The company offers projects to improve water quality and services.



Covered population:

over 50 thousand



Aim:

The chemical and bacteriological laboratory will carry out research on the quality of drinking water and wastewater treatment, which will ensure timely comprehensive control. This is also to prevent epidemic complications and ensure the sanitary and epidemiological well-being of the population.



List of equipment:

- electric-iron installation for the preparation of sodium hypochlorite solution, grade "A"
- distiller with an electric motor voltage of 380 V and a power of 7.5 kW - 1 pc.
- analytical balance with dimensions 209x321x309, accuracy class 1 - 1 pc.
- water distillation unit with 380 V motor voltage and 7 kW power - 2 pcs.
- dry-air thermostat with 220 V motor voltage and 0.3 kW power - 2 pcs.
- drying cabinet with voltage of 220 V, power of 2.5 kW - 2 pcs.
- vertical autoclave: a voltage - 380 V, a power - 4.5 kW, a volume - 110 litres, with a vacuum - 2 pcs.
- bidistillator with a motor voltage of 380 V capacity of 10 kW - 1 pc.
- other equipment in accordance with the existing reconstruction project.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme



Beneficiary

ME «Zhovtovodskii Vodokanal» of Dnipropetrovsk Regional Council»



Estimated cost:

€ 85 thousand

26



**WATER SUPPLY
SYSTEM**

Ukraine

Dnipropetrovsk region



Summary:

ME «Zhovtovodskii Vodokanal» of Dnipropetrovsk Regional Council» - is a provider of centralised water supply and sewerage services to the population and enterprises of Zhovtovodskii urban community. The company offers projects to improve water quality and services.



Covered population:

over 50 thousand



Aim:

Improving the quality of services for the provision and supply of treated water, ensuring prompt response and elimination of emergencies at water supply and wastewater treatment facilities, introducing energy-efficient technologies and management at these facilities.



List of equipment:

- automated control system for electric motors of pumping units
- pumping unit with 6 kV motor voltage, 400 kW capacity - 1 pc.
- pumping unit with an electric motor voltage of 6 kV, power 630 kW - 1 pc.
- pumping units with an electric motor voltage of 6 kV and a power of 22 kW - 4 pcs.
- pumping units with an electric motor voltage of 6 kV and a power of 45 kW - 2 pcs.
- meters complete with a check valve and a 5V communication module, 32x14 mm in size, and a BTM telemetry unit - 451 pcs.
- other equipment in accordance with the existing reconstruction project.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme



Beneficiary

ME «Zhovtovodskii Vodokanal» of Dnipropetrovsk Regional Council»



Estimated cost:

€ 491.8 thousand

27



**WATER SUPPLY
SYSTEM**

Ukraine

Dnipropetrovsk region



Summary:

ME«Verkhnedneprovsky Production Department of Water Supply and Sewerage» of Dnipropetrovsk Regional Council» - is a provider of centralised water supply and sewerage services to the population and enterprises of Verkhnodniprovisky urban area.



Covered population:

over 21 thousand



Aim:

Improving the quality of water supply and treatment services, ensuring prompt response and elimination of emergencies at water supply and sewage networks, treatment facilities, implementation of energy efficient technologies, and management at these facilities.



List of equipment:

- vacuum sewage special machine with a tank volume of at least 8 m³
- mobile repair workshop
- backhoe loader



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme



Beneficiary

ME«Verkhnedneprovsky Production Department of Water Supply and Sewerage» of Dnipropetrovsk Regional Council»

28



Estimated cost:

€ 150 thousand



**WATER SUPPLY
SYSTEM**

Ukraine

Dnipropetrovsk region



Summary:

ME«Verkhnedneprovsky Production Department of Water Supply and Sewerage» of Dnipropetrovsk Regional Council» - is a provider of centralised water supply and sewerage services to the population and enterprises of Verkhnodniprovsky urban area.



Covered population:

over 21 thousand



Aim:

Improving the reliability and efficiency of water treatment processes. Modernisation of outdated equipment, improvement of its technical functionality and introduction of the latest disinfection technologies. Ensuring high quality drinking water in accordance with modern safety standards and ensuring sustainable operation of water supply systems.



List of equipment:

- dosing pump with a capacity of 100 litres per hour, 7 m head height, 0.67 kW - 2 pcs.
- dosing pump with a capacity of 60 litres per hour, 10 m head, 0.67 kW - 3 pcs.
- transfer pump with a capacity of 0.22 kW - 2 pcs.
- water heater with a capacity of 30 litres and a power of 1.5 kW - 1 pc.
- other equipment in accordance with the reconstruction project.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme



Beneficiary

ME«Verkhnedneprovsky Production Department of Water Supply and Sewerage» of Dnipropetrovsk Regional Council»

29



Estimated cost:

€ 280 thousand



**WATER SUPPLY
SYSTEM**

Ukraine

Dnipropetrovsk region



Summary:

ME«Aulskiy Vodovid» of Dnipropetrovsk Regional Council»- is the largest provider of centralised water supply and sewerage services to the population and enterprises of the region. In addition, Aulskiy Vodovid supplies water to the water utilities of Dniprovskiy and Kamianskyi districts.



Covered population: 1 mln



Aim:

Modernisation of the chemical and bacteriological laboratory to improve the quality of water supply and treatment services, ensure prompt and high-quality laboratory and production control of drinking water and wastewater, and improve the quality of water supply and sewerage services.



List of equipment:

- steam steriliser with a voltage of 380 V and a power of 6 kW - 2 pcs.
- heating laboratory plate with a power of 2 kW and dimensions of 300x400 mm - 3 pcs.
- drying cabinet with voltage of 220 V and power of 2 kW - 2 pcs.
- laboratory refrigerator with a temperature range of +30C-+160C, volume of 250-330 litres, and a freezer up to 50 litres - 1 pc.
- air thermostat with a temperature range of +30C-+400C, 150 litres - 2 pcs.
- water distiller with a voltage of 220 V and a capacity of 4 l/h - 2 pcs.
- analyser for the content of oil products in drinking water and wastewater - 1 pc.
- other equipment in accordance with the existing reconstruction project.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme



Beneficiary

ME«Aulskiy Vodovid» of Dnipropetrovsk Regional Council»



Estimated cost: € 42.1 thousand

30



**WATER SUPPLY
SYSTEM**

Ukraine

Dnipropetrovsk region



Summary:

ME«Aulskyi Vodovid» of Dnipropetrovsk Regional Council»- is the largest provider of centralised water supply and sewerage services to the population and enterprises of the region. In addition, Aulskyi Vodovid supplies water to the water utilities of Dniprovskyi and Kamianskyi districts.



Covered population: 1 mln



Aim:

The modernisation of the equipment at Sewage Pumping Station No. 2a will improve the quality of wastewater services, ensure uninterrupted and trouble-free operation of the station and reduce its operating costs.

The new energy-efficient pumping units are expected to reduce electricity consumption by 20%.



List of equipment:

- pump with a capacity of 60 m³/h; lifting height of 20 m; with a 6.2 kW electric motor - 2 pcs.
- pump with a capacity of 1040 m³/h; lifting height of 75 m - 1 pc.
- pump with a capacity of 2400 m³/h, lifting height of 75 m, with an electric motor with a capacity of 619.52 kW - 4 pcs.
- electric motor with a capacity of 710 kW - 4 pcs.
- control cabinet based on a 710 kW frequency converter - 2 pcs.
- other equipment in accordance with the existing reconstruction project.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme



Beneficiary

ME«Aulskyi Vodovid» of Dnipropetrovsk Regional Council»



Estimated cost: € 2 mln

31



**WATER SUPPLY
SYSTEM**

Ukraine

Dnipropetrovsk region



Summary:

ME«Aulskiy Vodovid» of Dnipropetrovsk Regional Council»- is the largest provider of centralised water supply and sewerage services to the population and enterprises of the region. In addition, Aulskiy Vodovid supplies water to the water utilities of Dniprovskiy and Kamianskiy districts.



Covered population: 1 mln



Aim:

The modernisation of the equipment at Sewage Pumping Station No. 4 will improve the quality of wastewater services, ensure uninterrupted and trouble-free operation of the station and reduce its operating costs.

The new energy-efficient pumping units are expected to reduce electricity consumption by 20%.



List of equipment:

- electric motor with a capacity of 710 kW - 4 pcs.
- pump with a capacity of 2400 m³/h, lifting height of 75 m, with an electric motor with a capacity of 619.52 kW - 4 pcs.
- control cabinet based on a frequency converter with a capacity of 710 kW - 2 pcs.
- electrical switchgear with a capacity of 6 kV - 6 pcs.
- electrical switchgear with a capacity of 0.4 kV - 15 pcs.
- other equipment in accordance with the existing reconstruction project.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme



Beneficiary

ME«Aulskiy Vodovid» of Dnipropetrovsk Regional Council»



Estimated cost: € 2.3 mln

32



**WATER SUPPLY
SYSTEM**

Ukraine

Dnipropetrovsk region



Summary:

ME«Aulskiy Vodovid» of Dnipropetrovsk Regional Council»- is the largest provider of centralised water supply and sewerage services to the population and enterprises of the region. In addition, Aulskiy Vodovid supplies water to the water utilities of Dniprovskiy and Kamianskiy districts.



Covered population: 1 mln



Aim:

The modernisation of the equipment at Sewage Pumping Station No. 5 will improve the quality of wastewater services, ensure uninterrupted and trouble-free operation of the station and reduce its operating costs.

The new energy-efficient pumping units are expected to reduce electricity consumption by 20%.



List of equipment:

- drainage pump with a capacity of 22.5 m³/h, lift height of 16.1 m, with a 1.1 kW electric motor - 1 pc.
- pump with a capacity of 596.9 m³/h, lifting height of 31.7 m, with an electric motor of 75 kW - 3 pcs.
- air handling unit with filters, servo-driven dampers and electric heater, with a capacity of 6300m³/h - 1 pc.
- other equipment in accordance with the existing reconstruction project.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme



Beneficiary

ME«Aulskiy Vodovid» of Dnipropetrovsk Regional Council»



Estimated cost: € 460 thousand

33



**WATER SUPPLY
SYSTEM**

Ukraine

Dnipropetrovsk region



Summary:

ME«Aulskiy Vodovid» of Dnipropetrovsk Regional Council»- is the largest provider of centralised water supply and sewerage services to the population and enterprises of the region. In addition, Aulskiy Vodovid supplies water to the water utilities of Dniprovskiy and Kamianskiy districts.



Covered population: 1 mln



Aim:

The modernisation of the equipment at Sewage Pumping Station No. 13 will improve the quality of wastewater services, ensure uninterrupted and trouble-free operation of the station and reduce its operating costs.

The new energy-efficient pumping units are expected to reduce electricity consumption by 20%.



List of equipment:

- pump with a capacity of 260 m³/h, lifting height of 22 m, complete with control system, pressure sensors and 30 kW electric motor - 3 pcs.
- explosion-proof fan with a capacity of 4900 m³/h, a speed of 1000 rpm; 1.1 kW electric motor - 2 pcs.
- air handling unit with filters, electric servo-driven dampers and a heater with a capacity of 3800 m³/h, 44 kW electric motor - 1 pc.
- air handling unit with filters, servo-driven dampers, electric heater with a capacity of 600 m³/h, 9 kW electric motor - 1 pc.
- other in accordance with the existing reconstruction project.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme



Beneficiary

ME«Aulskiy Vodovid» of Dnipropetrovsk Regional Council»



Estimated cost: € 216 thousand

34



**WATER SUPPLY
SYSTEM**

Ukraine

Dnipropetrovsk region



Summary:

ME «Aulskyi Vodovid» of Dnipropetrovsk Regional Council» - is the largest provider of centralized water supply and sewerage services for the population and enterprises of the region. In addition, Aulskyi Vodovid supplies water to the water utilities of Dniprovskiyi district. The project envisages the installation of a decentralized energy supply microgrid for three pumping stations of the water supply system



Covered population: 1 mln



Aim:

Ensure the energy stability of water supply facilities in Dniprovskiyi and Kamianskyyi districts during a forced power outage

Part of the decentralized energy consumption of the water utility will be provided by renewable energy sources - a 3.7 MW solar power plant and part by 5.3 MW gas generators. Connection to the main gas pipeline or LPG tank is planned



List of equipment:

- **Pumping station 1:** SPP with a capacity of 1.3 MW and 2 gas turbine generators with a capacity of 1 MW each, automatic control system, frequency converter.
- **Pumping station 2:** SPP with a capacity of 2 MW, 2 gas turbine generators with a capacity of 1 MW each, automatic control system.
- **Pumping station 3:** SPP with a capacity of 0.4 MW, 2 gas turbine generators with a capacity of 0.65 MW each, automatic control system, frequency converter.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme



Beneficiary

ME«Aulskyi Vodovid» of Dnipropetrovsk Regional Council»



Estimated cost: € 17 mln

35



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

Municipal Enterprise "Centre for Social Services" of Apostolove City Council (inpatient department) is an institution that provides social services and provides favourable conditions for the stay of elderly people and people with disabilities who find themselves in difficult life circumstances.

The proposed project is to improve the energy efficiency of the institution by installing solar panels.



Covered population: over **14 000** people



Aim:

- Increasing of thermal insulation capacity of walls and heat loss reduction;
- creating comfortable conditions for children;
- saving energy resources.



List of necessary equipment:

- Metal-plastic window blocks
- Door blocks
- Insulated metal doors
- Facade system "Albatross"
- Plate insulation
- Thermofused hexasteel
- Roofing material
- Steel pipes
- Steel radiators



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary:

Municipal Enterprise "Centre for Social Services" of Apostolove City Council"



Estimated cost: **€848.9 thousd.**

36



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

Communal Non-Profit Enterprise "City Emergency Hospital" Kamianske City Council is a healthcare institution that provides secondary and specialised medical care to residents of the Kamianske district, as well as military personnel, IDPs and evacuees. The project is to improve the energy efficiency of the building using renewable energy sources.



Covered population: over **5500** patients per year



Aim:

- increasing the thermal insulation capacity of walls and reducing heat loss;
- saving energy resources.



List of necessary equipment:

- block-modular boiler house on alternative fuel with a capacity of 1200 kW;;



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary:

Communal Non-Profit Enterprise "City Emergency Hospital" Kamianske City Council"

37



Estimated cost:

€251.4 thousand



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

Municipal institution "Territorial Center of Social Services" of Kryvyi Rih City Council – is an institution that provides social services and creates favorable conditions for the stay of elderly citizens and persons with disabilities who are in difficult life circumstances. As a result of the Russian Federation's military aggression, the communal institution also provides shelter to citizens from the temporarily occupied territories of Donetsk, Luhansk and Kherson regions. The project of energy-efficient power supply of the institution is proposed.



Covered population: more than **1500** people per year



Aim:

- Creation of a decentralized energy supply system for the institution's building using renewable sources - a 100 kW solar grid station.



List of necessary equipment:

- photo modules of the CanadianSolar series;
- inverter of the ACRUX TM ALTEK series ;
- generation limitation device;
- emergency protection of the ACRUX 30K TM system;
- additional equipment.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme.



Beneficiary:

Municipal institution "Territorial Center of Social Services (provision of social services) in Dovhyntseve district" of Kryvyi Rih City Council"

38



Estimated cost: **€42.0 thousand**



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

Municipal institution "Territorial Center of Social Services" of Kryvyi Rih City Council – is an institution that provides social services and creates favorable conditions for the stay of elderly citizens and persons with disabilities who are in difficult life circumstances. As a result of the Russian Federation's military aggression, the communal institution also provides shelter to citizens from the temporarily occupied territories of Donetsk, Luhansk and Kherson regions. The project of energy-efficient power supply of the institution is proposed.



Covered population: more than **1500** people per year



Aim:

- Creation of a decentralized energy supply system for the institution's building using renewable energy sources - a heat pump with a capacity of 90 kW.



List of necessary equipment:

- heat pump Octopus IS 120 (3 units);
- additional equipment;
- installation of IS 120 using freon.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme.



Beneficiary:

39

Municipal institution "Territorial Center of Social Services (provision of social services) in Dovhyntseve district" of Kryvyi Rih City Council"



Estimated cost: **€53.0 thousand**



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

ME "Pereshchepyne - Voda 365" of the Pereshchepyne City Council provides water purification and supply, as well as sewerage for the population of Pereshchepyne TC and IDPs. Proposed project: decentralisation of the company's energy supply.



Covered population: over **10 000** people



Aim:

- providing renewable energy for water purification processes;
- creation of eco-friendly and energy-efficient water supply systems;
- saving energy resources.



List of necessary equipment:

- SPP with a capacity of 30 kW



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary:

ME "Pereshchepyne - Voda 365" of the Pereshchepyne City Council

40



Estimated cost:

€25.3 thousand



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

Gymnasium "Rodyna" of the Pereshchepyno City Council is an institution of primary and general secondary education for children.

The project proposes to improve the energy efficiency of the institution's building by insulating the facade and installing a 50 kW solar power plant.



Covered population: over **200** children per year



Aim:

- increase the thermal insulation capacity of walls and reduce heat loss;
- creating comfortable conditions for children;
- saving energy resources.



List of necessary equipment:

- mineral wool basalt boards 150 mm thick for insulation of 1220 m² of the facade;
- solar power plant with a capacity of 50 kW.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary

Gymnasium "Rodyna" of the Pereshchepyno City Council

41



Estimated cost: **€326.9 thousand**

Own funds: €25.1 thousand.



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

“Kernosivka Village House of Culture” of the Pereshchepyno City Council” is a coordination center for out-of-school education that ensures the comprehensive development of students' abilities, creates the necessary conditions for health improvement, recreation and leisure for children and youth.

The project proposes to improve the energy efficiency of the building using renewable energy sources.



Covered population: over **600** people



Aim:

- increase the thermal insulation capacity of walls and reduce heat loss;
- creating comfortable conditions for children;
- saving energy resources.



List of necessary equipment:

- A 50 kW solar power plant on a land plot next to the building;
- mineral wool basalt boards 150 mm thick for insulation - 1100 m² of the facade and 870 m² of the roof;
- mineral wool basalt boards 150 mm thick for insulation - 1100 m² of the facade and 870 m² of the roof.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary:

“Kernosivka Village House of Culture” of the Pereshchepyno City Council”

42



Estimated cost:

€502.8 thousand

Own funds: €25.1 thousand.



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

Municipal enterprise «Tsarychanka Central District Hospital» » of Tsarychanka Village Council - is a healthcare facility that provides secondary and specialised medical care to residents of the Tsarychansky district, as well as military personnel and IDPs. The project proposes to improve the energy efficiency of the building using renewable energy sources.



Covered population: **14 000** patients per year



Aim:

- increasing the thermal insulation capacity of the walls and reducing heat loss;
- saving energy resources.



List of necessary materials:

- geothermal heat pumps with a total capacity of 95 kW - 2 units;
- solar power plant modules - 100 flat panels.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme.



Beneficiary

Municipal enterprise «Tsarychanka Central District Hospital» » of Tsarychanka Village Council»

43



Estimated cost:

€587.3 thousand

Own funds : €31 thous.



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

Municipal non-profit enterprise «Tsarychanka Primary Health Care Centre» of Tsarychanka Village Council - is a healthcare facility that provides secondary and specialised medical care to residents of the Tsarychansky district, as well as military personnel and IDPs.

The project proposes to improve the energy efficiency of the building using renewable energy sources.



Covered population: More than **7 000** patients per year



Aim:

- increasing the thermal insulation capacity of the walls and reducing heat loss;
- saving energy resources.



List of necessary materials:

- geothermal heat pumps with a capacity of 17.5 kW;
- solar power plant modules - 180 flat panels.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme.



Beneficiary

Municipal non-profit enterprise «Tsarychanka Primary Health Care Centre» of Tsarychanka Village Council»



Estimated cost:

Own funds : €14 thous.

€273 thousand

44



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

ME «Lyceum №31» Kamianske City Council» - is an institution of primary and general secondary education for children.

The project proposes to improve the energy efficiency of the institution's building by upgrading the heating system.



Covered population: nearly **400** children



Aim:

- increasing the thermal insulation capacity of walls and reducing heat loss;
- creating comfortable conditions for children;
- saving energy resources.



List of necessary equipment and materials:

- heating system pipes - 1000 linear meters.
- steel radiators - 170 units.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary:

ME «Lyceum №31» Kamianske City Council»

45



Estimated cost: **€75.8 thousand**



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

ME«Lyceum №40» Kamianske City Council» - is an institution of primary and general secondary education for children.

The project proposes to improve the energy efficiency of the institution's building by upgrading the heating system.



Covered population: nearly **700** children



Aim:

- increasing the thermal insulation capacity of walls and reducing heat loss;
- creating comfortable conditions for children;
- saving energy resources.



List of necessary equipment and materials:

- heating system pipes - 7300 linear meters.
- steel radiators - 500 units.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary:

ME«Lyceum №40» Kamianske City Council»

46



Estimated cost: **€113.8 thousand**



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

Kovpakivka Gymnasium (Lychkivka Lyceum branch) of the Lychkivka Rural Council, Dnipropetrovsk region is a primary and secondary education institution. Proposed project is to increase the energy efficiency of the school building by reconstruction of the heating system.



Covered population: **800** pupils per year



Aim:

Implementation of modern heat supply measures using renewable energy sources.



List of necessary equipment:

- energy-efficient pump, radiators, polypropylene pipes and other equipment according to the project



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary:

Lychkivka territorial community



Estimated cost: **€158.8 thousand**

47



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

Pryorilske Gymnasium (Lychkivka Lyceum branch) of the Lychkivka Rural Council, Dnipropetrovsk region, is a primary and secondary education institution. Proposed project is to increase the energy efficiency of the school building by reconstruction of the roof and heating system.



Covered population: 800 pupils per year



Aim:

Implementation of modern heating measures to ensure a comfortable temperature in the facility and reduce heating costs



List of necessary equipment:

- corrugated board, polystyrene foam insulation, radiators, polypropylene pipes, etc. according to the project



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary

Lychkivka territorial community



Estimated cost:

€101.9 thousand

48



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

Communal Non-Profit Enterprise "City Emergency Hospital" Kamianske City Council is a healthcare facility that provides secondary and specialised medical care to residents of the Kamianske district, as well as military personnel, IDPs and evacuees. The project is to improve the energy efficiency of the building by upgrading the exterior lighting.



Covered population: over **5500** patients per year



Aim:

- ensuring patient comfort and traffic safety near the hospital;
- saving energy resources.



List of necessary equipment:

- energy saving lamps - 70 pcs.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary:

Communal Non-Profit Enterprise "City Emergency Hospital" Kamianske City Council

49



Estimated cost: **€20.1 thousand**



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

House of Culture "Suchasnyk" in the city of Apostolove, Dnipropetrovsk region" - is an out-of-school creative education institution that provides extracurricular and out-of-school time, creating the necessary conditions for health improvement, rest and activities for children and youth. A project is proposed to improve the energy efficiency of the building - reconstruction of the facade.



Covered population: over **4 000** children



Aim:

- Increasing of thermal insulation capacity of walls and heat loss reduction;
- creating comfortable conditions for children;
- saving energy resources.



List of necessary equipment:

- Metal-plastic window blocks
- Door blocks
- Insulated metal doors
- Facade system "Albatross"
- Plate insulation
- Thermofused hexasteel
- Roofing material
- Steel pipes
- Steel radiators



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary:

House of Culture "Suchasnyk" in the city of Apostolove, Dnipropetrovsk region"

50



Estimated cost: **€868.0 thousd.**



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

"Administrative building of the city of Apostolove, Dnipropetrovsk region" - a local government body engaged in public administration.

The proposed project is to improve the energy efficiency of the institution - thermal modernisation of the building.



Covered population: over **14 000** people



Aim:

- Increasing of thermal insulation capacity of walls and heat loss reduction;
- creating comfortable conditions for children;
- saving energy resources.



List of necessary equipment:

- Metal-plastic window blocks
- Door blocks
- Insulated metal doors
- Facade system "Albatross"
- Plate insulation
- Thermofused hexasteel
- Roofing material
- Steel pipes
- Steel radiators



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary:

"Administrative building of the city of Apostolove, Dnipropetrovsk region"



Estimated cost: **€848.9 thousd.**

51



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

Communal educational institution "Verkhivtseve Lyceum №2" of the Verkhivtseve City Council" is a primary and general secondary education institution for children. Proposed project to improve the energy efficiency of the institution - thermal modernisation of the building.



Covered population: nearly **500** children per year



Aim:

- Increasing of thermal insulation capacity of walls and heat loss reduction;
- creating comfortable conditions for children;
- saving energy resources.



List of necessary equipment:

- basalt slabs 150 mm thick for insulation of external walls with a total area of 1.5 thousd. m²;
- energy-saving windows and doors with a total area of 228.8 m² and 10.2 m², respectively;
- corrugated sheeting for the roof with a total area of 970 m².



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary:

Communal educational institution "Verkhivtseve Lyceum №2" of the Verkhivtseve City Council"

52



Estimated cost: **€588 thousand**



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

Vyshneve preschool educational institution "Romashka" of the Vyshneve Village Council is an educational institution for preschool children.

Proposed project to improve the energy efficiency of the institution's building - facade insulation.



Covered population: over **200** children per year



Aim:

- insulation of 424 m² of the facade to increase the thermal insulation capacity of the walls and reduce heat loss;
- creating comfortable conditions for children;
- saving energy resources.



List of necessary equipment:

- prefabricated system with a ventilated air layer and opaque industrial finish with single-layer thermal insulation



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary

Vyshneve territorial community

53



Estimated cost: **€36.3 thousand**

Own funds: €3.6 thousand



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

Communal institution "Center for Physical Health of the Population "Sports for Everyone" - is an out-of-school sports education institution for children in extracurricular and after-school hours, and also provides training of athletes for professional sports.

A project to increase the energy efficiency of the institution's building - glazing the facade - is proposed.



Covered population: more than **6500** children



Aim:

- increasing the thermal insulation capacity of the walls and reducing heat loss;
- creating comfortable conditions for children;
- saving energy resources.



List of necessary equipment:

- Replacement of the existing steel stained-glass windows with an area of 284.96 m² on the facade structure of the riser-transom system with thermal insulation and filling with two-chamber glass units.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme.



Beneficiary

54

Communal institution "Center for Physical Health of the Population "Sports for Everyone" of Zhovti Vody City Council"



Estimated cost:

€73.4 thousand



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

Communal Educational Institution "Children's and Youth Sports School" (building №2) - the institution ensures the comprehensive development of pupils' abilities in the chosen sport, creates the necessary conditions for physical development, health, rest and leisure for children and young people.

A project to increase the energy efficiency of the institution's building - insulation of the facade - is proposed.



Covered population: more than **6500** children



Aim:

- increasing the thermal insulation capacity of the walls and reducing heat loss;
- creating comfortable conditions for children;
- saving energy resources.



List of necessary equipment:

- insulation of the facade with an area of 782 m² with mineral plates 100 mm thick.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme.



Beneficiary

Communal Educational Institution "Children's and Youth Sports School" of Zhovti Vody City Council

55



Estimated cost:

€17.5 thousand



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

Municipal non-profit enterprise "Zhovti Vody City Hospital" of Zhovti Vody City Council is a healthcare institution that provides secondary and specialised medical care to residents of Zhovti Vody and adjacent areas, as well as to military personnel and IDPs. The project is to improve the energy efficiency of the institution's building - thermal modernisation of the building of the pediatric somatic department..



Covered population: **10 000** patients per year



Aim:

- increasing thermal insulation capacity of walls and reducing heat loss
- saving energy resources



List of materials:

- mineral slabs 100 mm thick and composite panels for insulation of 2232.2 m² facade;
- balcony doors of 116.6 m² and entrance doors of 34.69 m²;
- window blocks with of 467.6 m².



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme.



Beneficiary:

Municipal non-profit enterprise "Zhovti Vody City Hospital" of Zhovti Vody City Council

56



Estimated cost: **€1.2 ml**



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

Municipal non-profit enterprise "Zhovti Vody City Hospital" of Zhovti Vody City Council is a healthcare institution that provides secondary and specialised medical care to residents of Zhovti Vody and adjacent areas, as well as to military personnel and IDPs.

The project proposes to improve the energy efficiency of the institution's building by insulating the facade of the obstetric building.



Covered population: **10 000** patients per year



Aim:

- increasing thermal insulation capacity of walls and reducing heat loss
- saving energy resources



List of materials:

- mineral slabs 100 mm thick and composite panels for insulation of 2145.2 m² facade;
- balcony doors of 34.3 m²;
- window blocks of 315 m².



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme.



Beneficiary:

Municipal non-profit enterprise "Zhovti Vody City Hospital" of Zhovti Vody City Council

57



Орієнтовна вартість: €138.4 thousand



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

Municipal non-profit enterprise "Zhovti Vody City Hospital" of Zhovti Vody City Council is a healthcare institution that provides secondary and specialised medical care to residents of Zhovti Vody and adjacent areas, as well as to military personnel and IDPs.

The project proposes to improve the energy efficiency of the institution's building - insulation of the facade of the building of the polyclinic №1 in the city of Zhovti Vody.



Covered population: **120 000** patients per year



Aim:

- increasing thermal insulation capacity of walls and reducing heat loss
- saving energy resources



List of materials:

- mineral slabs 100 mm thick and composite panels for insulation of 3225.5 m² facade;
- entrance doors of 44.79 m²;
- window blocks of 711.2 m².



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme.



Beneficiary:

Municipal non-profit enterprise "Zhovti Vody City Hospital" of Zhovti Vody City Council

58



Орієнтовна вартість: **€264.3 thousand**



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

Communal Non-Profit Enterprise "City Emergency Hospital" Kamianske City Council is a healthcare facility that provides secondary and specialised medical care to residents of the Kamianske district, as well as military personnel, IDPs and evacuees. The project is to improve the energy efficiency of the building - thermal modernisation.



Covered population: over **5500** patients per year



Aim:

- increasing the thermal insulation capacity of walls and reducing heat loss;
- saving energy resources.



List of necessary equipment:

- metal-plastic energy-saving windows of 50 m² and doors of 7.2 m²;
- corrugated board and roofing material for the roof of 250 m²;
- 100 mm thick basalt insulation for the 410 m² facade and 250 m² roof.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary:

Communal Non-Profit Enterprise "City Emergency Hospital" Kamianske City Council"

59



Estimated cost: **€37.7 thousand**



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

Communal Non-Profit Enterprise "City Emergency Hospital" Kamianske City Council is a healthcare facility that provides secondary and specialised medical care to residents of the Kamianske district, as well as military personnel, IDPs and evacuees. The project is to improve the energy efficiency of the facility by insulating the facade and roof of the building of the pathology and anatomy department.



Covered population: over **5500** patients per year



Aim:

- increasing the thermal insulation capacity of walls and reducing heat loss;
- saving energy resources.



List of necessary equipment and materials:

- metal-plastic energy-saving windows of 40 m² and doors of 5 m²;
- corrugated board, euro ruberoid for the 280 m² roof;
- 100 mm thick basalt insulation for the 380 m² facade and 280 m² roof.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary:

Communal Non-Profit Enterprise "City Emergency Hospital" Kamianske City Council

60



Estimated cost:

€30.2 thousand



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

ME "Pre-school educational institution №18 "Olenka" Kamianske City Council" is a kindergarten institution for the general development of children. The project is to improve the energy efficiency of the institution's building by roof insulation.



Covered population: over **110** children



Aim:

- increasing the thermal insulation capacity of walls and reducing heat loss;
- creating comfortable conditions for children;
- saving energy resources.



List of necessary materials:

- 100 mm thick basalt insulation for a 2200 m² roof



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary:

ME "Pre-school educational institution №18 "Olenka" Kamianske City Council"

61



Estimated cost:

€25.3 thousand



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

ME "Pre-school educational institution №9 «Zhar-ptytsia» Kamianske City Council" - is a kindergarten institution for the general development of children.

The project is to improve the energy efficiency of the institution's building by roof insulation.



Covered population: nearly **100** children



Aim:

- increasing the thermal insulation capacity of walls and reducing heat loss;
- creating comfortable conditions for children;
- saving energy resources.



List of necessary materials:

- 100 mm thick basalt insulation for a 370 m² roof



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary:

ME "Pre-school educational institution №9 «Zhar-ptytsia» Kamianske City Council"

62



Estimated cost:

€9.8 thousand



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

«Gymnasium №28» Kamianske City Council» - is an institution of primary and general secondary education for children.

The project proposes to improve the energy efficiency of the institution's building - thermal modernization of the building.



Covered population: nearly **500** children



Aim:

- increasing the thermal insulation capacity of walls and reducing heat loss;
- creating comfortable conditions for children;
- saving energy resources.



List of necessary equipment and materials:

- 100 mm thick basalt insulation for a 4000 m² roof;
- metal-plastic energy-saving windows of 152.5 m².



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary:

ME «Gymnasium №28» Kamianske City Council»

63



Estimated cost: **€163.4 thousand**



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

ME "Pre-school educational institution №4 «Vodohrai» Kamianske City Council» - an institution of primary and general secondary education for children during school hours. The project proposes to improve the energy efficiency of the facility by thermo-modernizing the swimming pool building.



Covered population: nearly **110** children



Aim:

- increasing the thermal insulation capacity of walls and reducing heat loss;
- creating comfortable conditions for children;
- saving energy resources.



List of necessary equipment and materials:

- metal-plastic energy-saving windows of 24.5 m²;
- heating system pipes - 300 linear meters; steel radiators - 28 units.
- 100 mm thick basalt insulation for the 130 m² facade ;
- energy saving lamps - 30 units.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary:

ME "Pre-school educational institution №4 «Vodohrai» Kamianske City Council»

64



Estimated cost: **€202.2 thousand**



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

"Saksahansk Lyceum' of the Saksahansk Village Council" is a secondary school for children. The project is to improve the energy efficiency of the school's building - thermal modernisation of the building.



Covered population: over **150** children a year



Aim:

- Increasing the thermal insulation capacity of walls and reducing heat loss;
- creating comfortable conditions for children;
- energy resources saving: natural gas - 50%, electricity - 50%.



List of necessary materials and equipment:

- wind barrier, marmarc, vapour barrier for 1441 m² of facade insulation;
- metal-plastic windows 201.8 m²;
- steel radiators 249.3 kW.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme



Beneficiary

"Saksahansk Lyceum' of the Saksahansk Village Council"

65



Estimated cost: **€766.7 thousd.**

Own funds: €115 thousd.



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

"Vilne Gymnasium of the Saksahansk Lyceum of the Saksahansk Village Council" is a secondary school for children. The project is to improve the energy efficiency of the school's building - thermal modernisation of the institution.



Covered population: about **100** children a year



Aim:

- Increasing the thermal insulation capacity of walls and reducing heat loss;
- creation of comfortable conditions for children;
- energy resources saving: natural gas - 50%.



List of necessary materials and equipment:

- wind barrier, marmor, vapour barrier for facade insulation;
- metal-plastic windows..



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme



Beneficiary

"Vilne Gymnasium of the Saksahansk Lyceum of the Saksahansk Village Council"

66



Estimated cost:

€265.3 thousd.

Own funds : €26.5 thousd



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

Municipal enterprise «Tsarychany House of Children and Youth Creativity» of Tsarychanka Village Council» is a coordination centre for out-of-school education that ensures the comprehensive development of pupils' abilities, creates the necessary conditions for health improvement, recreation and leisure of children and youth.

The project proposes to improve the energy efficiency of the institution's building by installing energy-saving windows and doors.



Covered population: **3500** children



Aim:

- increasing the thermal insulation capacity of the walls and reducing heat loss;
- creating comfortable conditions for children;
- saving energy resources.



List of necessary materials:

- energy-saving window blocks;
- energy-saving door blocks.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme.



Beneficiary

Municipal enterprise «Tsarychany House of Children and Youth Creativity» of Tsarychanka Village Council»

67



Estimated cost:

€40 thousand

Own funds: €1.9 thous.



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

"Pryadivskyi Lyceum of the Tsarychanka Village Council" is an institution of primary and general secondary education for children.

The project proposes to improve the energy efficiency of the institution by thermo-modernising the building.



Covered population:

More than **200** children per year



Aim:

- increasing the thermal insulation capacity of the walls and reducing heat loss;
- creating comfortable conditions for children;
- saving energy resources.



List of necessary materials:

- profiled metal sheet for the installation of 3426 m² of pitched roof;
- basalt slabs for insulation of the building facade with an area of 1452 m²;
- fibre cement boards for facade cladding.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme.



Beneficiary

«Pryadivskyi Lyceum of the Tsarychanka Village Council»

68



Estimated cost :

€2.7 mln



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

Kamianskyi Lyceum of Chervonohryhorivka Village Council is an institution of primary and general secondary education for children.

The project proposes to improve the energy efficiency of the institution by thermo-modernising the building.



Covered population: **380** children per year



Aim:

- increase the thermal insulation capacity of the walls and reduce heat loss;;
- creating comfortable conditions for children;
- saving energy resources.



List of necessary equipment and materials :

- window blocks made of metal-plastic with an area of more than 3 m² – 178.12 m² and an area of less than 3 m² - 10.5 m²;
- steel door boxes– 24.24 m²;
- mineral slabs 170 mm thick for insulation 2460 m² facade;
- decorative plaster "bark beetle" for insulation of 2460 m² of facade



Mechanisms of cooperation :

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme.



Beneficiary

Kamianskyi Lyceum of Chervonohryhorivka Village Council of Nikopol district of Dnipropetrovsk region

69



Estimated cost :

€397 thousand



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

"Executive Committee" of the Yurivka Village Council is a local government body engaged in public administration.

The proposed project is to improve the energy efficiency of the institution's building - thermal modernisation of the building.



Covered population:

over **11 000** people



Aim:

- Increasing of thermal insulation capacity of walls and heat loss reduction;
- saving energy resources.



List of necessary equipment:

- extruded polystyrene foam
- decorative plaster
- metal tiles



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary:

"Executive Committee" of the Yurivka Village Council

70



Estimated cost:

€33.4 thousd.



Summary:

“Municipal Non-Profit Enterprise "Yurivka Hospital" of the Yurivka Village Council" is a healthcare facility that provides secondary and specialised medical care to residents of the Yurivka district, as well as military personnel and IDPs. The proposed project is to improve the energy efficiency of the facility - thermal modernisation of the building.



Covered population:

over **6500** patients per year



Aim:

- Increasing of thermal insulation capacity of walls and heat loss reduction;
- saving energy resources.



List of necessary equipment:

- extruded polystyrene foam
- decorative plaster
- metal tile roofing
- metal-plastic pipes for heat and water supply
- metal-plastic windows and doors
- radiators



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary:

“Municipal Non-Profit Enterprise "Yurivka Hospital" of the Yurivka Village Council"

71



Estimated cost:

€430.2 thousd.

Own funds: €7.5 thousd.



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

""Verbuvata Institution of Education for Children "Kalynka" of the Yurivka Village Council" is a kindergarten institution for the general development of children.

The proposed project is to improve the energy efficiency of the building of the institution - insulation of the facade, installation of a vestibule and paving.



Covered population: over **30** children per year



Aim:

- Increasing of thermal insulation capacity of walls and heat loss reduction;
- creating comfortable conditions for children;
- saving energy resources.



List of necessary equipment:

- extruded polystyrene foam
- decorative plaster
- metal-plastic partition



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary:

""Verbuvata Institution of Education for Children "Kalynka" of the Yurivka Village Council"

72



Estimated cost:

€86.8 thousd.

Own funds: €0.7 thousd.



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

"The Varvarivsky Institution of Education for Children " Lastivka " of the Yurievo Village Council" is a kindergarten institution for the general development of children.

The proposed project is to improve the energy efficiency of the building, including facade insulation.



Covered population: over **100** children per year



Aim:

- Increasing of thermal insulation capacity of walls and heat loss reduction;
- creating comfortable conditions for children;
- saving energy resources.



List of necessary equipment:

- extruded polystyrene foam
- decorative plaster



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary:

"The Varvarivsky Institution of Education for Children " Lastivka " of the Yurievo Village Council"

73



Estimated cost: **€32.1 thousd.**



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

Branch "Zhemchuzhnenska Gymnasium" of the Yurievo Village Council" is an educational institution for the general development of children with a preschool department and an elementary school.

The proposed project is to improve the energy efficiency of the school building by insulating the facade.



Covered population: 200 children



Aim:

- Increasing of thermal insulation capacity of walls and heat loss reduction;
- creating comfortable conditions for children;
- saving energy resources.



List of necessary equipment:

- extruded polystyrene foam
- decorative plaster



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme



Beneficiary:

Branch "Zhemchuzhnenska Gymnasium" of the Yurievo Village Council"

74



Estimated cost:

€83.7 thousd.