



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"



Estimated cost: **€868.0 thousd.**

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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.

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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"

40



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

41



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

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

42



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

43



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

44



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

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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

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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"

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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

50



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"

51



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"

52



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»

53



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»

56



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"

64



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"

65



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»



Estimated cost:

€40 thousand

Own funds: €1.9 thous.

68



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

"Pryadivskiy 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

«Pryadivskiy Lyceum of the Tsarychanka Village Council»

69



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

70



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

71



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”



Estimated cost:

€430.2 thousd.

Own funds: €7.5 thousd.



ENERGY EFFICIENCY

Ukraine

Dnipropetrovsk region



Summary:

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

73



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"

74



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"

75



Estimated cost:

€83.7 thousd.