



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 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"



Estimated cost: €251.4 thousd



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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 materials:

- 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"



Estimated cost: **€37.7 thousd**



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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 materials:

- 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



Estimated cost: **€20.1 thousd**



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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 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



Estimated cost: **€30.2 thousd**



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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 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"



Estimated cost: €25.3 thousd



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 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"



Estimated cost: €9.8 thousd



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 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»



Estimated cost: €163.4 thousand



ENERGY EFFICIENCY

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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 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»



Estimated cost: €75.8 thousd



ENERGY EFFICIENCY

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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 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»



Estimated cost: €113.8 thousd



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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 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»



Estimated cost: €202.2 thousd