



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 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



Estimated cost: €25.3 thousd.



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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 equipment and materials:

- 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



Estimated cost: €326.9 thousd.

Own funds: €25.1 thousand.



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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 equipment and materials:

- 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”



Estimated cost: €502.8 thousand.

Own funds: €25.1 thousand.