



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»



Estimated cost: **€587.3 thousand**

Own funds : €31 thous.



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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:

€273 thousand

Own funds : €14 thous.



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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.



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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»



Estimated cost: **€2.7 mln**