



**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 37 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:

- water tanker with a volume of 4-6 m<sup>3</sup>
- a sewage truck with a volume of 8 m<sup>3</sup> and a pump capacity of 100 kW
- mobile repair workshops – 2 pcs
- backhoe loader



### 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:

**€ 538 thousand**



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### Covered population:

**over 37 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  $H = 36.44 \text{ m}$  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»



### Estimated cost:

**€ 150 thousand**



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## Dnipropetrovsk region



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### Covered population:

**over 37 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**