

Sumy Territorial Community of Sumy Region

General information about the community.

The Sumy Territorial Community is the largest community in Sumy Oblast. Established as part of Ukraine's administrative-territorial reform in 2020, it united the city of Sumy with surrounding villages, forming a modern urban center with significant economic, educational, and cultural potential. The community's economy is based on machine engineering, chemical, and food industries. Priority projects include modernizing the transportation system, public services, and road infrastructure, which contribute to improving the quality of life for residents. The community also focuses on energy efficiency initiatives and the implementation of environmental projects. Like other frontline regions, Sumy faces a pressing need for the development of renewable energy.



Area: 347.9 km². **Population:** 277,500 (as of 2020).

✓ General information about the project.

Project overview and goal. Hybrid Solar Power Plant for the Municipal Non-Profit Enterprise "Children's Clinical Hospital of St. Zinaida".

Installation of a hybrid solar power plant to ensure the uninterrupted operation of the Sumy City Surgery, orthopedics, and traumatology center, as well as the anesthesiology department with intensive care unit at the Municipal Non-Profit Enterprise Sumy City Children's Clinical Hospital of St. Zinaida of the Sumy City Council.

Project location. Sumy, Troitska Street, 28 (old building).

Investment model. Direct investments (the investor constructs a renewable energy system and sells electricity at a price below market rates, eventually transferring ownership of the power plant to the community). ESCO mechanism.

Project status. The project is in the planning stage.

★ Project parameters and required investments.

Expected project implementation period: 6 months.

Key parameters of the potential project (capacity, area, equipment, etc.): 60 kW SPPs, available roof area: 1300 m².

Co-financing amount/community contribution: 20% of the total project cost.

Guarantees the community can provide to potential investors. The community guarantees the fulfillment of all obligations specified in the partnership agreement.

! Project impact on the community.

Project Benefits. The Sumy City Children's Clinical Hospital of St. Zinaida is a medical institution providing specialized healthcare for children from birth to 18 years of age. It ensures access to high-quality medical services, particularly crucial in times of unstable power supply. The installation of the solar power plant will enable the hospital staff to work in more comfortable conditions and ensure that their duties are performed without interruption, even during power outages. This will reduce the workload on medical personnel during crises and improve patient service quality. The community will benefit from energy savings, reducing electricity costs, and allowing funds to be reallocated to other critical needs, particularly in light of limited resources.

Beneficiaries. Residents of the Sumy City Territorial Community and staff of the Sumy City Children's Clinical Hospital of St. Zinaida.

Contact information:

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