Ecoclub

Horokhiv Multidisciplinary Hospital

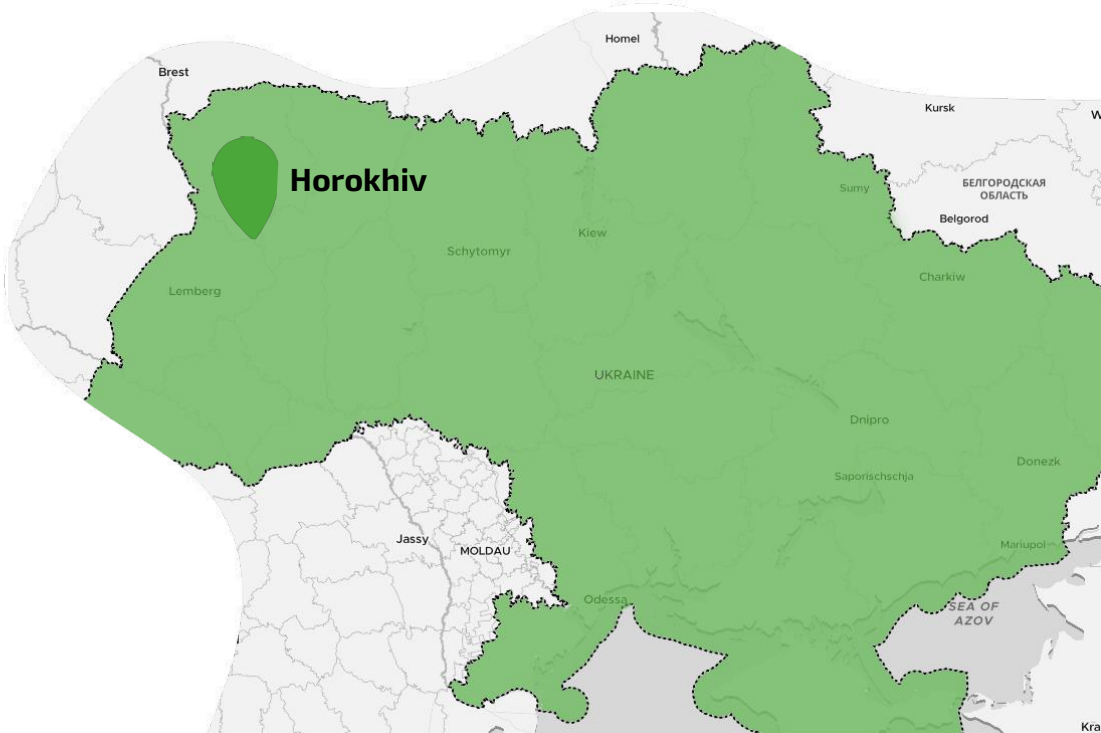
Volyn Oblast

SVAROG + Ecoclub

Location

Horokhiv Multidisciplinary Hospital

This hospital serves about 50.000 people



Click here for further info

Horokhiv - Wikipedia

Why this project exactly?

Ensure uninterrupted, high-quality medical care for local residents and internally displaced persons

Horokhiv Multidisciplinary Hospital — a secondary-level institution commissioned in 1974 — hosts therapeutic, neurological, surgical, orthopaedic-trauma, gynaecology/maternity, and intensive-care units, plus full diagnostic and laboratory services.

It is the region's largest provider, serving a catchment population of 48.787 and treating 7.161 in-patients in 2024, including many IDPs since the escalation of the war.

The structure of the inpatient hospital bed capacity:

Therapeutic beds:	42
Neurological beds:	27
Surgical beds:	28
Orthopedic and trauma beds:	32
Gynecological beds:	10
Pregnancy pathology beds:	10
Intensive care beds:	6

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Project impact

The multiple positive effects of this project

The installation of a 34 kW solar power plant and 30 kWh battery at Horokhiv Multidisciplinary Hospital will bring four key benefits to the community

1. Uninterrupted care during outages – critical hospital departments will keep running even when the external grid fails, a life-saving advantage in wartime and other emergencies.
2. Greater energy independence – locally generated solar power will ease the load on the regional grid and strengthen overall resilience.
3. Lower operating costs – reduced electricity bills free up funds that can be reinvested in medical equipment, staff training, and patient services.
4. Environmental leadership – the project showcases clean-energy solutions, encouraging a greener, more sustainable mindset across Horokhiv and neighbouring communities.

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Hardfacts

Our goal: Energy self-sufficiency

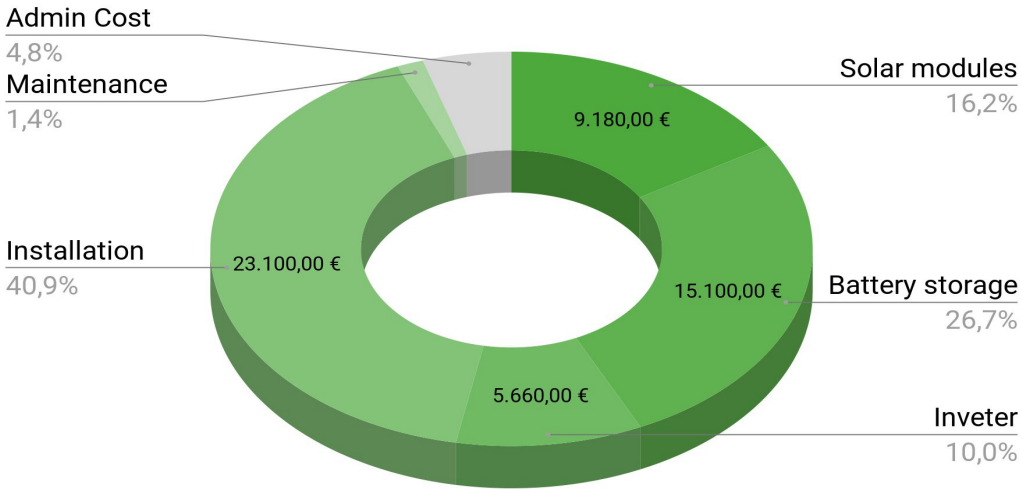
We install rooftop solar panels to enhance resilience against blackouts and build a sustainable infrastructure.

Solar Modules, DC	34 kW	30 kWh	Battery storage
inverter, AC	30 kW	13 tons	of CO2 emissions avoided

37-41 MWh total power plant generation

To start this project we need 56.600 €

Project cost



Total cost:

Ecoclub

“The sustainable development of society will ensure the harmonious development of humanity without harming nature”

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