



# Nemishaeve Village Territorial Community

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The community was created in November 2020 through the 2020 national local council elections. It is in the Buchansky district of the Kyiv region, Ukraine Population of the community: 20,500 inhabitants The center of the community: the urban-type village NEMYSHAYEVE, located 100 km from the border with Belarus and 38 km from the center of Kyiv.

Composition of the community: **Nemishaeve village # Mykulichi village # Klavdievo-Tarasove village # Poroskoten village**

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Ruins of the Osten-Saken Count Estate, where festivals took place annually, as [Osten-Saken off-stage festival](#).



**The separate structural unit "Nemishaeve Agricultural Technical College of NULES of Ukraine".** The college prepares agronomists, economists, financiers, veterinarians, agricultural engineers, technologists for the production and processing of livestock products, electrical technicians and electromechanics. The educational and methodological center of the Ministry of Agrarian Policy of Ukraine also operates on the basis of the college.





**Klavdiivska factory of Christmas tree decorations** has been making glass Christmas tree toys since 1948. It is the largest producer of New Year's products in Eastern Europe.



Today, our Christmas tree decorations are known not only in Ukraine, but also decorate Christmas trees in Germany, Switzerland, Austria, France, Italy, Lithuania, Latvia, USA, Georgia.





Nemishaeve is famous for having the only one in Ukraine **Institute of potato growing of the Ukrainian Academy of Agrarian Sciences** (year of foundation – 1911).



Hundreds of people come to us every year to buy high-quality seed potatoes.

The Institute is the holder of the **potato genetic bank of Ukraine**, which includes 3016 samples, including: 1329 commercial varieties, 927 samples of cultivated and wild species.

47 varieties of the Institute's selection have been entered into the State Register of Plant Varieties of Ukraine.

## Злагода

Ранньостиглий, універсального призначення

Урожайність: 45,4 т/га в кінці вегетації

Вміст крохмалю: 17,2%

Споживчі якості: 8,5 бала

Стійкість проти хвороб: звичайного патотипу раку і золотистої картопляної цистоутворюючої нематоди, альтернarioзу, стебловій нематоди. Сорт посухостійкий

**Морфологічні ознаки:** бульби рожеві, овальної форми, м'якоть біла, квітки червоно-фіолетові

**Рекомендовані зони вирощування:** Полісся, Лісостеп

Створений в Інституті картоплярства НААН



### Особливості сорту:

• висока товарність бульб;

• придатний для вирощування двоурожайною культурою на півдні України.

## WAR.... February 2022



The **Nemishaeve** community is located along the Kyiv-Kovel highway, between Bucha and Borodyanka. From February 22 to March 31, 2022, the community was occupied by Russian troops. During the occupation, more than 750 units of heavy equipment of the Russian troops were concentrated on the territory of the community.

240 residents died...

Since March 4, 2022, the community has been completely occupied and cut off from all supplies, including medical and humanitarian aid.

Local residents lived under constant shelling, were afraid to go outside, felt the cold, hunger, lack of electricity and heating, and a complete blockade.

### DESTRUCTION

200 private houses, 26 apartment buildings, as well as 9 objects of social infrastructure (schools, kindergartens and a hospital) were destroyed.

Critical infrastructure objects were badly damaged: water supply systems, sewage pumping stations, and the community's sewage treatment plants were destroyed.





AFTER THE INVASION...





Mykulytsky Lyceum for 300 students



Sewage treatment facilities



# RECOVERY after hostilities



Since October 2022, the Community has been participating in the European Union Grant Program for the restoration of critical infrastructure of the Kyiv region: "Action program "Restoration of critical infrastructure objects, Ukraine".

These are several projects worth 7.711 million euros:

1. Restoration of the water supply system in Mykulychy and Nemishaeve;
2. Restoration of sewage pumping stations and construction of a sewage collector;
3. Construction of community sewage treatment facilities with installation of solar power plants;
4. Energy-efficient thermal modernization of the building of a communal facility non-profit enterprise Center of primary health care Nemyshaiv settlement council
5. Construction of the Mykulytsky Lyceum.

**Thanks to the implementation of these projects, community residents (20,500) and IDPs (886 people) from other regions of Ukraine will have access to drinking water, medical care, social services, and rehabilitation.**

## Nemyshaiv hospital



Medical equipment was looted and furniture was destroyed, debris and explosive damage to the construction site









**PROJECT:** Energy-efficient thermal modernization of the building of the Communal non-commercial enterprise Centre of primary medical and sanitary care of the Nemysaiv Settlement Council |

### **MAIN MEASURES**

- ✓ **Insulation and repair of facades (mineral wool, 150 mm thick)**
- ✓ **Basement insulation to ground level**
- ✓ **Replacement of windows**
- ✓ **Replacement of external doors**
- ✓ **Insulation of the attic floor (250 mm thick mineral wool)**
- ✓ **Installation of a new roof, repair crates and rainwater drainage systems**
- ✓ **Installation of an individual heat point**
- ✓ **Reconstruction of the heating system and installation of an energy monitoring system**
- ✓ **Modernization of the ventilation system**
- ✓ **Modernization of the lighting system (v three-story part of the building)**
- ✓ **Reconstruction of the water supply system and drainage**
- ✓ **Toilet for people with disabilities**
- ✓ **Repair of paving around the building**
- ✓ **Installation/replacement of canopies**
- ✓ **Repair of stairs**
- ✓ **Lightning protection system**
- ✓ **Installation of a solar power plant (10 kW)**
- ✓ **Fire alarm system**
- ✓ **Arrangement of shelter**





## RESULTS of thermal modernization of the hospital



### Before energy modernization:

Estimated specific heat consumption, kWh/m<sup>3</sup> - 112.5

The maximum permissible specific value  
heat consumption for heating the house, kWh/m<sup>3</sup> - 47

Energy efficiency class - F

**F**

### Expected results:

Thermal energy savings, Gcal/year – 480.8

Energy savings, hryvnias/year (tariff) - 1 million 062 thousand hryvnias

Simple payback period, years – 5.2

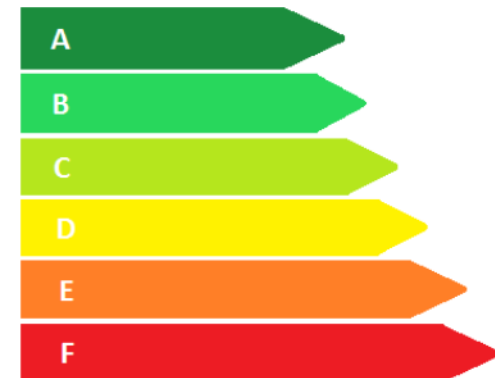
Reduction of CO emissions, t - 15.5

### After energy modernization:

Estimated specific heat consumption, kWh/m<sup>3</sup> - 46.3

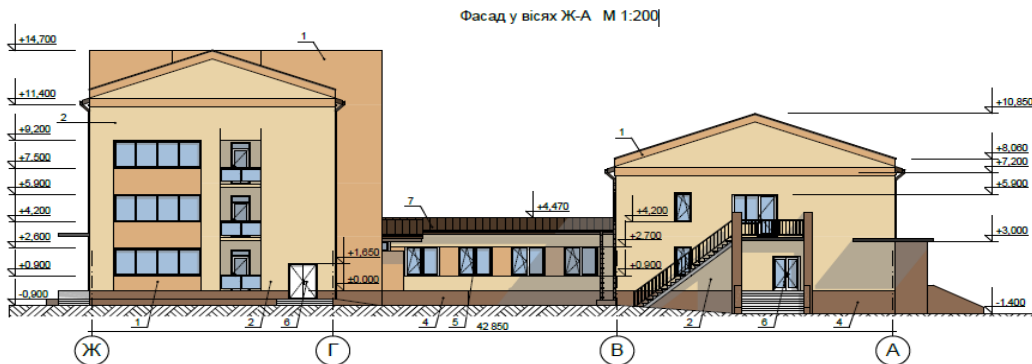
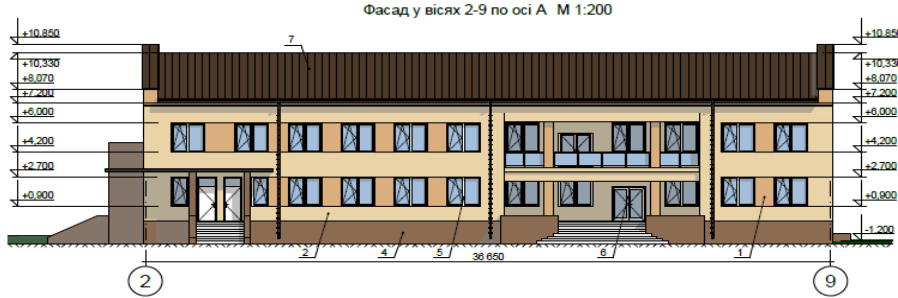
The maximum permissible value of specific heat  
consumption for heating the house, kWh/m<sup>3</sup> - 47

Energy efficiency class - C





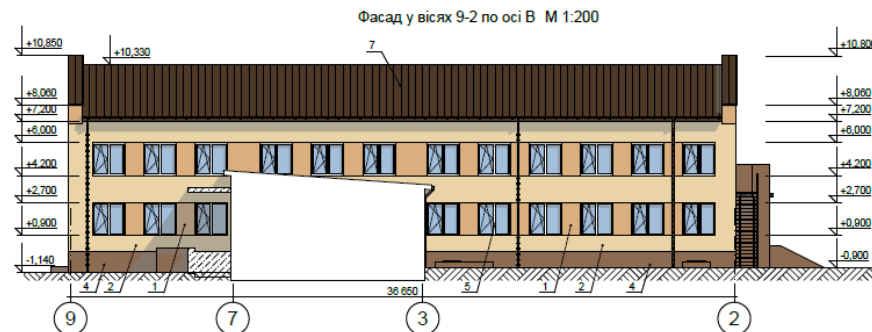
Results: The total savings in the consumption of energy resources will be 76.3% !!!



д у вісях 1-7 по осі Г М 1:200



The solar power plant will provide backup power to the hospital in the event of a power outage or emergency







**Thank you for attention!**

**We thank the European Union for the possibility of  
recovery and the opportunity to live in safe and  
comfortable conditions!**

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