

The background features a light green color with diagonal stripes and a subtle dot pattern. The text is centered and reads:

**Green Reconstruction of Ukraine:
Existing success stories from communities**

Hostomel community, Kyiv region

The Horenka village hospital was hit by a shell in the beginning of March 2022. As a result of the attack the windows were shattered, the outer wall and roof were partially damaged as well as the heating system.

From May 2022 to January 2023 this hospital was reconstructed and modernised using the latest renewable and energy efficient technologies. A heat pump was added along with the old fossil gas heating system, to provide an alternative source of heating during the winter.

A solar power plant with storage capacity was also added in order to allow uninterrupted work of the hospital during power outages.

Additional information:

 [Photos](#)

 [Video](#)

www.greenreconstruction.com



“We understand the huge potential of renewable technologies. Since their installation in Horenka hospital, we have been able to provide services to our citizens no matter the circumstances and we have saved money which will be invested in other reconstruction projects, and we became energy independent.” **said Olena Yuzvak, head of the Hostomel Center for primary medical and sanitary care.**



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Coal mining towns, Donetsk, Dnipropetrovsk, Lviv and Volyn regions

A successful just transition of coal towns can serve as an inspiring example of a green reconstruction for other communities in Ukraine. Despite the challenges caused by the Russian invasion and the need to focus on survival, the leaders of coal communities are still determined to just transition and are focused on continuing the work started before the invasion. Moreover, through the meetings with representatives of European Commission and international financial institutions, they formed a vision for including just transition as an essential part of the country's green recovery. For that, the community leaders have united in a working group to develop and exchange on projects for just transition while recovering their communities and setting ground for people to return even to the most affected communities.



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*“Pokrovsk community will develop not simply a Recovery Strategy, but a Green Community Recovery Strategy, which will undoubtedly be based on the experience gained during the development of the Transformation Strategy of Coal Towns of Donetsk Region 2030. The strategic areas we have previously considered include energy efficiency, energy saving, human capital, small and medium-sized business development, investment attraction and economic transformation,” said **Oleh Frolov, Pokrovsk military administration.***

Chervonohrad, Lviv region

Chervonohrad community is actively planning for their just transition. In 2021 Chervonohrad (Lviv region) and Myrnohrad (Donetsk region) were announced to become pilot just transition projects in Ukraine. The Russian invasion started and stalled many activities, but quite soon Chervonohrad returned to their work on just transition plan with participatory consultations. There are already practical steps performed - for example, the city created the educational program "Electrician for installation and repair of solar stations" and they are planning for more.



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“We are 15 kilometres from the border with the European Union, so we don't have the problems that most other coal mining towns have because of the war. It's quiet and calm here. I think we will succeed with just transition. And when the war ends and de-occupation takes place, other mining communities will have access to tested options and algorithms of actions - what to do and what not to do (what we learned, what mistakes we made, and what did not work).”

We need to replace mining specialties to expand the community's profile. People with law or economics degrees should not have to go to a mine to work there. And if you get a new technical specialty, particularly in the field of renewable energy, then new prospects open up. But there is also a risk - we are at 15 kilometres of the border [with EU] - some inhabitants can potentially leave. In Europe, there is a great demand for the installation of solar panels. Therefore, we need to create new opportunities here, locally,” **said Andrii Zalivskyi, Mayor of Chervonohrad.**

Zhytomyr, Zhytomyr region

The ambition of the city of Zhytomyr is to switch to 100% renewable energy by 2050. Zhytomyr has repeatedly suffered from Russian shelling. Early June, a blast wave blew out windows in Municipal Enterprise “Hospital No. 1” of Zhytomyr City Council.

In autumn 2022, critical infrastructure operated under power outages. The hospital’s buildings were disconnected from the power grid. The outages occurred several times and lasted from two to five hours each time. A backup diesel generator provided electricity to one part of the hospital’s electrical equipment. Patients treated at the hospital were in danger. Local authorities have looked for alternative energy sources to secure critical infrastructure such as hospitals.

This year, on June 15, NGO Ecoclub in partnership with the Czech NGO Nesehnuti and Solsol is installing a solar power plant on the hospital’s roof. After the installation, the hospital will be able to replace part of its electricity consumption with renewable energy generation. After the installation of the solar power plant, the hospital will be able to replace part of its electricity consumption with renewable energy generation.

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*“Zhytomyr is becoming an attractive place for investors of the renewable energy sector. It is creating new jobs and strengthening the local economy. By installing solar power plants on hospital buildings, we are not only reducing the need for medical institutions to buy electricity but also sending a clear signal that solar power and renewable energy will continue to develop in our community. We are open to cooperation, exchange of experience, and new ideas to build a sustainable future,” said **Serhiy Sukhomlyn, Mayor of Zhytomyr.***

Additional information:

In 2021, about 3,600 people were treated at the therapy department building in the “Hospital N°1” in Zhytomyr. The latter serves the Korolyovskiy district of Zhytomyr, which has a population of about 118 000 people. In addition, the building directly employs 260 medical, engineering, and technical staff and houses the hospital’s admission, cardiology, therapeutic, and neurology departments.



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Zviahel, Zhytomyr region

Ukraine's green recovery is now the norm in Zhytomyr. Funds received to install solar panels on the hospital by the NGO Ecoclub is one example among many others. It guarantees energy security for the medical facility and helps save money on utility bills every year. As a result, the sick and wounded will continue to receive medical care regardless of russian attacks. Due to the installed solar power plant, the hospital will be able to save up to UAH 300 thousand a year on electricity services at the current electricity tariff. The planned savings will allow the hospital to purchase the necessary medical equipment, as well as medicines, and to repair equipments. The city municipality will also install solar power plants to secure energy for the water utility and for a kindergarten.

Additional information:



[Photos](#)



[Video](#)



[Press release](#)



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*“Diesel generators are not profitable. They are not suitable long-term solutions to our problems. They are expensive and damage the environment. Solar energy gives us power for free. We want to keep funds available for other purposes and create more comfortable conditions for the work and life of the members of our communities,” said **Mykola Borovets, Mayor of Zviahel community.***

*“Alternative energy sources, such as solar power plants, will help us to significantly save money. We are now operating a pilot project, and in the future we intend to equip water supply company with solar energy too. I am sure that this is our first important step towards the community's energy independence,” said **Iryna Gudz, deputy mayor of Zviahel community.***

Voznesensk, Mykolaiv region

In 2020, in cooperation with the NGO Ecoclub and the Norwegian Embassy, the Voznesensk water utility received a 50 kW solar power plant. Earlier this year, another 150 kW solar power plant was built to ensure that the population would not be left without water in case of emergency outages. The solar power plant currently covers about 45% of the pumping station's electricity needs. Even in the event of a complete blackout, it will be able to power the water utility for a while and provide residents with water.

Additional information:



[Video](#)



[Press release](#)

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“The development of renewable energy sources is a priority for Voznesensk. This is not only a contribution to environmental protection, but also energy security and little energy independence for the water utility,” said **Yevhen Velychko, Mayor of Voznesensk.**



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Irpin, Kyiv region

Hybrid Solar System for Irpin Academic Lyceum “Mriya”

Irpin city was occupied and actively shelled from February to April 2022 which led to significant destruction of the city's infrastructure. Irpin Academic Lyceum “Mriya” was damaged but it recovered fast and organised offline courses in September 2022. The Energy Act for Ukraine Foundation equipped the school with a hybrid solar system consisting of a rooftop power plant of 20 kW and 49 kWh energy storage system. The project was implemented with the German Solar Association (BSW-Solar). Its members provided the following equipment: IBC SOLAR, HOPPECKE Batterien, SMA and Q CELLS, with the participation of a RES company member of BSW called BayWa r.e.



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“I am very pleased that this first project is implemented in Irpin. The city has suffered great damages and was severely destroyed. Almost every school and kindergarten was destroyed. There are now about a hundred schools equipped with solar panels in the region of Kyiv. This source of energy is the future. We are ready for cooperation, and to respond very quickly to all challenges. We are grateful for the support we received from international donors,, from all who are helping Kyiv region to recover,” **said Zhanna Osypenko, Deputy Head of Kyiv Regional State**

Dubno, Rivne region

Dubno is a city in the region of Rivne. It is actively implementing sustainable projects at the community level. One of them is the installation of a solar power plant for a local hospital. Funds for this project were obtained through the NGO Ecoclub in cooperation with the Embassy of the Federal Republic of Germany.

The city is co-funding this initiative. The capacity of the solar power plant is 43.6 kW. The installation of solar power plants is crucial for the safety of patients and medical staff. During emergency or planned power outages, thanks to solar power the hospital equipments that require uninterrupted power supply will continue to function and save.

Additional information:



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“The hospital will increase its level of energy sustainability and “independence” from emergency power outages. It will also help to save money by reducing the cost of electricity. The saved funds can be used to improve the healthcare facility, and purchase medicines or equipment,” said **Ihor Moskaliuk, Deputy Head of the Department of Economics and Property of Dubno City Council.**



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Sumy, Sumy region

The region of Sumy is still suffering from constant russian shelling. The local community is using its own energy supply, independent from fossil fuels. In January 2023, Sumy joined the European initiative called the “Covenant of Mayors” and committed to reducing its emissions by at least 35% by 2030.

Additional information:



[Press release](#)



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“Developing renewable energy sources and implementing sustainable solutions in Sumy is a priority for us. This is our energy security and independence from fossil fuels. We are currently planning to build three solar power plants - for the children’s hospital, the city clinical hospital, and a greenhouse with Red List plants. We also plan to install solar power plants for trolleybus and water utilities,” **said Oleksandr Lysenko, Mayor of Sumy.**
