



# Activity Report 2024

**The Energy Act For Ukraine  
Foundation**



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# About CO "Energy Act for Ukraine Foundation"



ENERGY ACT FOR UKRAINE  
FOUNDATION

## FOREWORD

2024 was a challenging year for Ukraine's energy system. Following the devastating effects of Russia's full-scale invasion of Ukraine in 2022, the country continues to rebuild its infrastructure while facing frequent attacks and new challenges in the energy sector. The full-scale invasion has threatened the energy supply to the population and highlighted the need to develop renewable energy sources to increase the country's energy independence.

According to the Razumkov Centre (Energy Programs), as of May 2024, approximately **70% of the energy infrastructure has been destroyed or damaged as a result of shelling and other attacks**, leading to power shortages across the country.



In July 2024, Ukrainians experienced the longest blackouts of the year - on average, they **blacked out for 8–10 hours** a day, and in some cities of Ukraine, blackouts lasted up to 24 hours.

According to the Ministry of Education, 86% of educational institutions use generators to provide electricity during blackouts but this solution is too expensive to be used permanently and has a limited lifespan. Most medical facilities also use generators but the main drawback is that it takes time to get them up and running, and even a few minutes are crucial for surgery, intensive care, etc. These challenges have highlighted the importance of finding solutions that will allow Ukraine not only to survive the crisis but also to move towards sustainable development.

For this reason, on August 13, 2024, the government adopted the **National Renewable Energy Action Plan until 2030**.

According to the National Renewable Energy Development Plan, by 2030 the share of energy from renewable sources in gross final consumption will be **27%**, namely:

**33%**

in heating and cooling  
systems

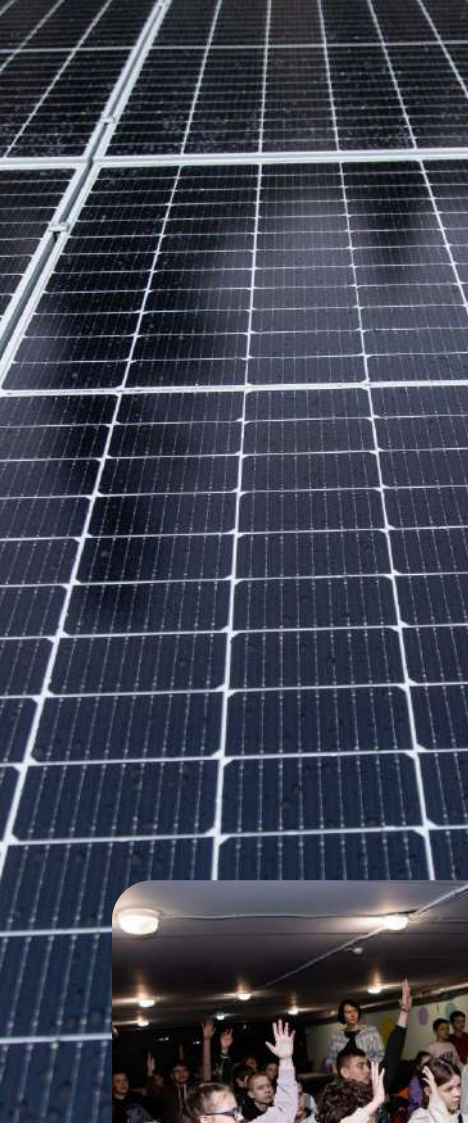
**29%**

in electricity generation

**17%**

in electricity generation





In this context, the **Energy Act for Ukraine Foundation** continues its mission, launched in 2022, to ensure energy independence for social and critical infrastructure.

As part of the **100 Solar Schools** and **50 Solar Hospitals** campaigns, **22 solar power plants (SPPs) have been installed**, providing reliable energy sources for schools, hospitals, and other facilities affected by the war.

In doing so, we not only increase the energy autonomy of these institutions in times of war but also contribute to the development of sustainable and environmentally friendly energy solutions for the future. In addition, the Foundation is actively implementing educational projects on sustainable development and green energy, increasing the level of public awareness on these issues.



One of the Foundation's key areas of focus is the community education, as knowledge and active participation of local people is the key to sustainable development. Through a comprehensive approach that includes training for local professionals and other community members, information campaigns, workshops, and strategic support, the Foundation not only implements renewable energy solutions but also contributes to the formation of energy-independent and conscious communities.

Educational initiatives help create local expertise, develop energy management skills, and open up new opportunities for training, employment, and technological growth. Renewable energy becomes not just an energy delivery tool but a real driver of positive changes in communities.

Working with international partners and local authorities is also an important aspect of the Foundation's activity. In 2024, the Foundation entered into a number of important agreements and memoranda, enabling it to effectively implement projects in different regions of Ukraine.

## YULIANA ONISHCHUK. OPENING REMARKS

*Dear Friends, Partners, and Donors!*

*2024 was a quantum leap for our Foundation. Despite all the challenges, we not only continued our mission to ensure energy independence for schools, hospitals, and other critical and social infrastructure in Ukraine but also achieved a breakthrough in the efficiency of our activity. This is a shared success of the entire Foundation team, our donors, partners, community representatives and everyone who has contributed to these important changes. It is only through collaboration and synergy that we can achieve quality results and provide timely assistance where it is really needed.*



*Thanks to our joint efforts, in 2024 we installed solar power plants at 17 new sites in different regions of Ukraine. For comparison, in 2022 we built our first SPP, in 2023 – 4 more, and this year – 17 more.*

*Our mission is to implement comprehensive green technical solutions that provide a guaranteed power supply for today's social infrastructure. At the same time, we understand that infrastructure projects should go hand-in-hand with educational initiatives, as without them it is impossible to develop a culture of ecological lifestyle among Ukrainians.*

*That is why in 2024 we continued to actively implement educational and awareness-raising programs for children and adults in communities across Ukraine. We have expanded learning opportunities for schoolchildren, delivered training for community leaders, and are working on a revolutionary green energy education product. We believe that education is the key to creating a new 'eco-active' generation of Ukrainians – aware, environmentally responsible, and ready to build an energy-independent future for the country.*

*We extend our deepest gratitude to each of you – donors, partners, volunteers, and communities – for your trust and support. It is thanks to you that we have been able to create solutions that are changing the lives of thousands of Ukrainians.*

*There is still much work to be done. Our goals are ambitious, and our needs are great but with our combined strength and commitment, we are confidently moving towards a future where renewable energy is the foundation of Ukraine's stability and prosperity.*

*I would like to thank each and every one of you for your support every day and for standing with us and the people of Ukraine during the three years of Russia's full-scale invasion of Ukraine.*

*With great respect and gratitude,*

**Yuliana Onishchuk**

**Founder and CEO of the Energy Act for Ukraine Foundation**



## OUR TEAM

The Foundation's team consists of 15 staff members and volunteers working on a permanent or project basis. They have diverse backgrounds, including experience in the energy sector, non-profit organizations, government agencies, and FMCG, as well as expertise in political communications, strategic communications, CSR, sustainable development, solar business, project development, and management. The Foundation's team is constantly growing and developing.



**Anastasiia Moroz**  
Chief Operating Officer



**Kateryna Anurina**  
Director of Strategic Development  
and Communications



**Andrii Palii**  
Head of the field of activity with local  
self-government bodies and state  
authorities



**Dmytro Hnidy**  
Chief Financial Officer



**Yevhen Babak**  
Chief Technical Expert



**Kateryna Lekhan-Mukhina**  
HRD



**Olena Charupa**  
Accountant



**Svitlana Suhak**  
Project Management



**Veronika Sierhieieva**  
Project Management



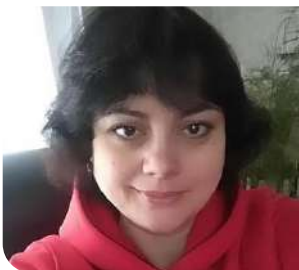
**Nataliia Nevidnycha**  
Head of IT



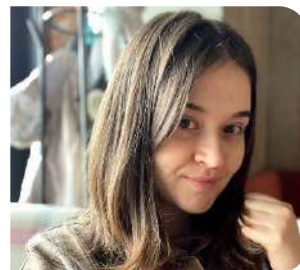
**Oleg Shypkov**  
Partnership Manager



**Olena Berehova**  
PR Manager



**Liudmyla Bulakh**  
Lawyer



**Anna Yarova**  
Communications Manager

## — ABOUT CO “ENERGY ACT FOR UKRAINE FOUNDATION”

The Energy Act for Ukraine Foundation is a Ukrainian charity organization founded in 2022 in response to the full-scale russian invasion of Ukraine.

The Foundation focuses primarily on providing solar solutions for schools and hospitals. In 2022, the Foundation initiated two campaigns – **100 Solar Schools** and **50 Solar Hospitals** – aimed at installing 150 hybrid solar power plants over 5 years for schools and hospitals in Ukrainian communities most affected by military hostilities. In addition, the Foundation is actively involved in educational activities on sustainable development and green energy.



### MISSION

Our mission is to ensure the energy independence of social and critical infrastructure in Ukraine.



### VISION

Ukrainian nation with a culture of conscious use of energy resources.



### CORE PRINCIPLES

- Honesty
- Solidarity
- Transparency
- Social and ecological good
- Partnership



### CORE VALUE

- Development of renewable energy sources
- Energy access
- Energy independence of Ukraine
- Climate change response
- Green energy education empowerment

The Foundation promotes the development of renewable solutions based on solar energy and Ukraine's energy independence by implementing the following initiatives:



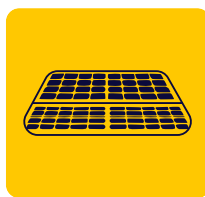
### Women in Energy

A highly relevant initiative for Ukraine that aims to engage women in the green energy sector and introduce educational activities to facilitate this transition.



### 100 Solar Schools

In 5 years, the Foundation aims to install 100 solar stations for Ukrainian schools. We want children to be able to continue their education even in the darkest of times, and for renewable energy to become the norm in even the smallest of communities.



### Solar water utilities

In 2024, the Foundation installed three solar power plants at water utilities in different regions to ensure that Ukrainians have access to vital resources such as water supply even during power outages.



### Training course for children

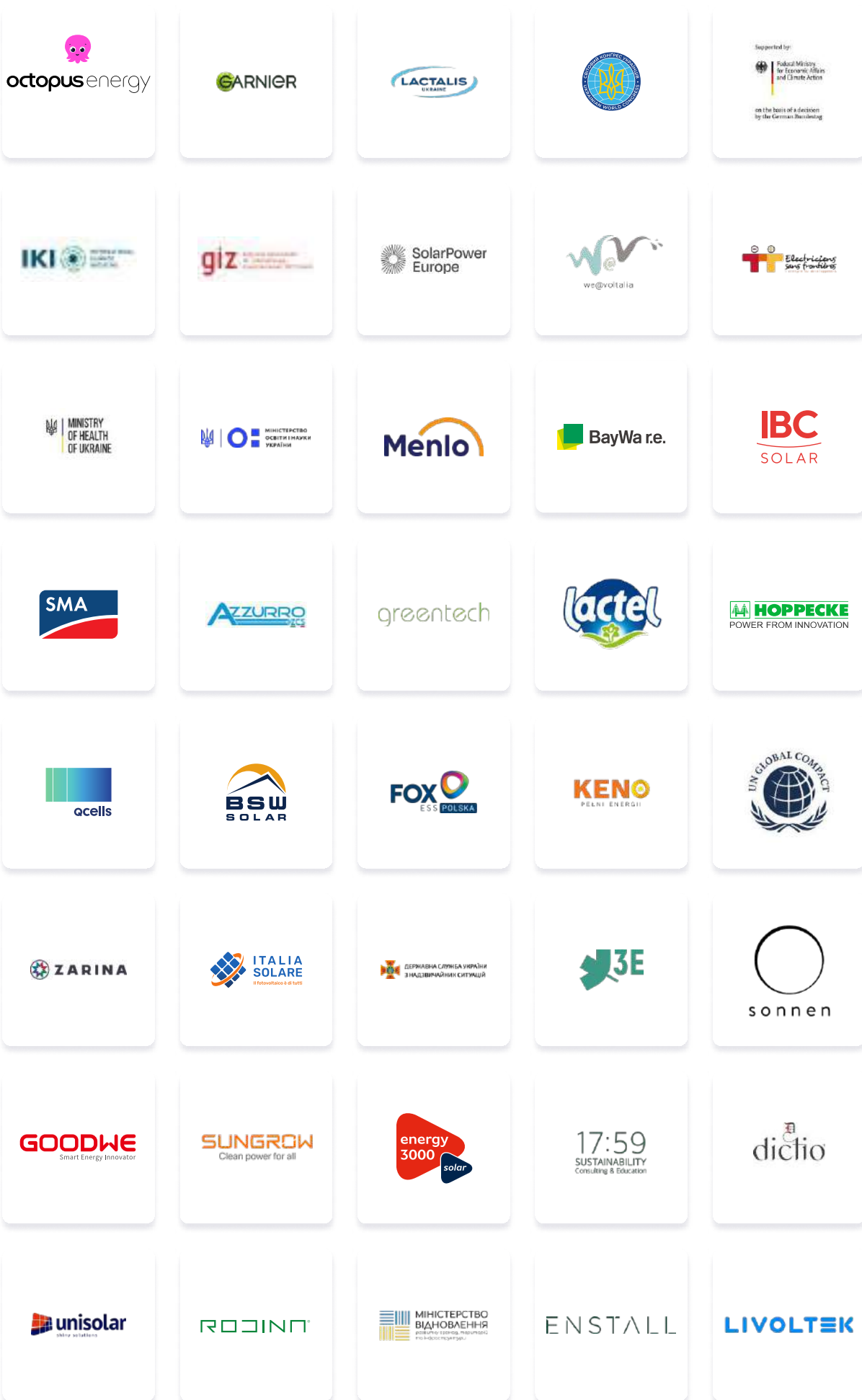
An optional course on sustainable development and green energy is being actively implemented in Ukrainian schools. The future leaders of Ukraine are learning the rules of environmental behavior, implementing sustainable habits in their daily routine, and becoming even more conscious users of natural resources.



### 50 Solar Hospitals

Medical facilities must continue operating despite power outages and other challenges. Even a one-minute interruption in the power supply to an intensive care unit, maternity ward, or operating theatre is vital. That is why the Foundation is installing hybrid solar stations in 50 hospitals over 5 years to enable doctors with the working conditions they need to provide quality care.

## DONORS AND PARTNERS



# RESULTS. KEY FIGURES



ENERGY ACT FOR UKRAINE  
FOUNDATION

## KEY FIGURES ON THE PROJECTS PERFORMED OVER 3 YEARS OF ACTIVITY



**1 800**

PV modules installed



**887 kW**

total installed solar capacity



**≈16 145 t**

CO2 emission will be saved during 25 years



**Up to 6 h**

blackout coverage

**≈30%**

coverage of annual electricity consumption



**≈1.5 million**

people directly affected



**1 031 kWh**

total installed storage capacity



**79 118€**

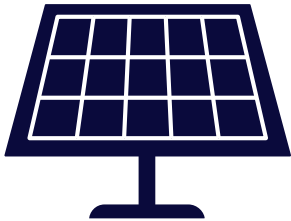
saved annually on electricity bills through solar power stations



**996**

children completed a course on sustainable development and green energy

## COMPLETED FACILITIES FROM 2022 - 2024



**+1**

2022

**+4**

2023

**+17**

2024

**22**

TOTAL



**1 286 600€**

raised in 2024



**1 165 400€**

value of projects performed in 2024



## WHAT WE DO



### PROBLEM

70% of energy infrastructure destroyed or damaged. Risk of power outages in schools and hospitals and lack of sustainable and alternative power supply.

A lack of public awareness regarding the significance and value of harnessing renewable energy sources.



### SOLUTION

Installation of a hybrid solar power plant with energy storage systems.

This system diversifies the power supply to buildings through the use of: a solar power plant for self-consumption, energy storage systems, and the electricity grid.

Depending on the electricity consumption of the building this solution allows to:

- ensure reliable electricity supply to the building
- cover an average of 30% of the building's annual electricity consumption
- cover the power outages for 2-6 hours





Target

150

hybrid solar  
power plants

In 2022, the Foundation launched two campaigns:



100 Solar Schools



50 Solar Hospitals

which aim to install in the next 5 years 150 hybrid solar power plants for schools and hospitals in Ukraine in the communities affected by russian aggression.

The Energy Act for Ukraine Foundation is focused on implementing the following Sustainable Development Goals, including:



## OUR APPROACH TO TECHNICAL IMPLEMENTATION OF PROJECTS IN SCHOOLS AND HOSPITALS

The Foundation's approach to installing solar hybrid power plants is as follows:

- The Foundation **installs** solar power plants on critical and social infrastructure facilities, including schools, hospitals, water supply facilities, and administrative buildings.
- The Foundation **builds** rooftop solar power plants in hospitals and schools and has experience in implementing ground-mounted solar power plants at other facilities.
- In hospitals, the Foundation **connects** intensive care units, surgical and intensive care units, as well as maternity and neonatal wards to the hybrid solar system. These are the departments that are critical to a particular medical facility.
- In schools, the Foundation **provides** indoor and outdoor lighting, a bomb shelter, as well as classrooms and learning spaces as needed and determined by the school.
- All technical **solutions** for the facilities are based on an in-depth analysis of the available data on the facilities and onsite visits of the Foundation's team, as well as the involvement of additional technical experts to verify the chosen technical solution for the installation of a solar power plant at the facility.
- The Foundation independently monitors all installed systems to **ensure** a high-quality response to technical issues.
- The Foundation provides technical **training** for technical staff and community representatives to ensure reliable future maintenance of these stations, as well as basic training for each community.

 **20–98 kWh**

energy storage systems capacity

 **20–100 kWh**

capacity of solar power plants

**20–70 %**

covering the annual electricity consumption of the building



## SITE SELECTION CRITERIA FOR THE INSTALLATION OF SOLAR POWER PLANTS



### General:

- Proper condition of the areas for the installation of photovoltaic modules;
- The plant's capacity must be justified and meet critical needs;
- Motivation, willingness to actively cooperate in the process of installing a solar power plant;
- Organizational or financial commitment of the applicant.

### Specific to schools:

availability of blended or offline learning, school capacity of at least 500 students, availability of a functioning bomb shelter.

### Specific to hospitals:

availability of an intensive care unit, surgery, resuscitation unit, or special diagnostic equipment.



# EDUCATIONAL ACTIVITIES



ENERGY ACT FOR UKRAINE  
FOUNDATION

## EDUCATIONAL ACTIVITIES

The Foundation also actively implements training programs on sustainable development and green energy. In addition to on-site training of specialists and basic training in communities, we have developed a unique course on sustainable development and green energy for children, which consists of 4 classes in a hybrid format (online + offline) and lasts for one month.

The course is aimed at consolidating and practicing the acquired knowledge through engaging in games and activities for children. Children are given homework, which is assessed by an expert to consolidate their knowledge.

In the long term, children will contribute to the formation of new conscious and sustainable attitudes in daily routine for a more sustainable future in Ukraine.

996

children have  
completed a course on  
sustainable  
development and green  
energy as of 01.01.2025

13

schools

98%

of the children surveyed  
gave positive feedback  
on the course

Educational facilities that have already completed a course on sustainable development and green energy:

1. Irpin Academic lyceum "Mriia"
2. Chernihiv secondary school No. 3
3. Chernihiv school No. 19
4. Bucha lyceum No. 3
5. Irpin lyceum No. 1
6. Liutizh lyceum
7. Hostomel lyceum No. 1
8. Dunaivtsi lyceum No. 1
9. Rivne lyceum No. 19
10. Pryluky lyceum No. 1
11. Bobrytsia lyceum
12. Nemishaieve lyceum No. 2
13. Vyshhorod lyceum "Intellect"



**Training course for children**

## ENGAGING WOMEN IN GREEN ENERGY

In 2025, the Energy Act for Ukraine Foundation will launch an all-Ukrainian project aimed at engaging women in the solar energy industry in Ukraine.

Although the industry is growing in popularity, women still face barriers and obstacles to development opportunities in this niche. According to global statistics, women make up only about 30% of those employed in the solar industry, indicating that there are significant challenges to their integration into the sector.

22%

of women work in the energy sector in Ukraine

30%

of women are involved in the renewable energy sector in Ukraine

15%

of women hold senior positions in the industry

75%

of employers report staff shortages



45%

of women are willing to take up "male" professions

The first step in the development of this new social sector was the launch of an all-Ukrainian survey of women entitled Barriers and Challenges Faced by Women in the Professional Transition to Solar Energy. The aim of this initiative is to analyse the challenges faced by women in the transition to the solar energy sector in order to further develop effective training programs to support women in this promising and rapidly developing industry. The results of the quantitative research will form the basis for the development of training programs for women who are ready and willing to enter the solar energy industry.

The global trend is to facilitate the transition of women into the renewable energy industry. Ukraine is joining this global movement.



**Women in Energy**

# PROJECTS

In 2024, the Energy Act for Ukraine Foundation made a quantum leap not only in the number of projects performed but also in the quality of initiatives introduced. As of the end of 2024, the geography of installed solar power plants includes 8 regions of Ukraine.





## STRENGTHENING COOPERATION WITH COMMUNITIES

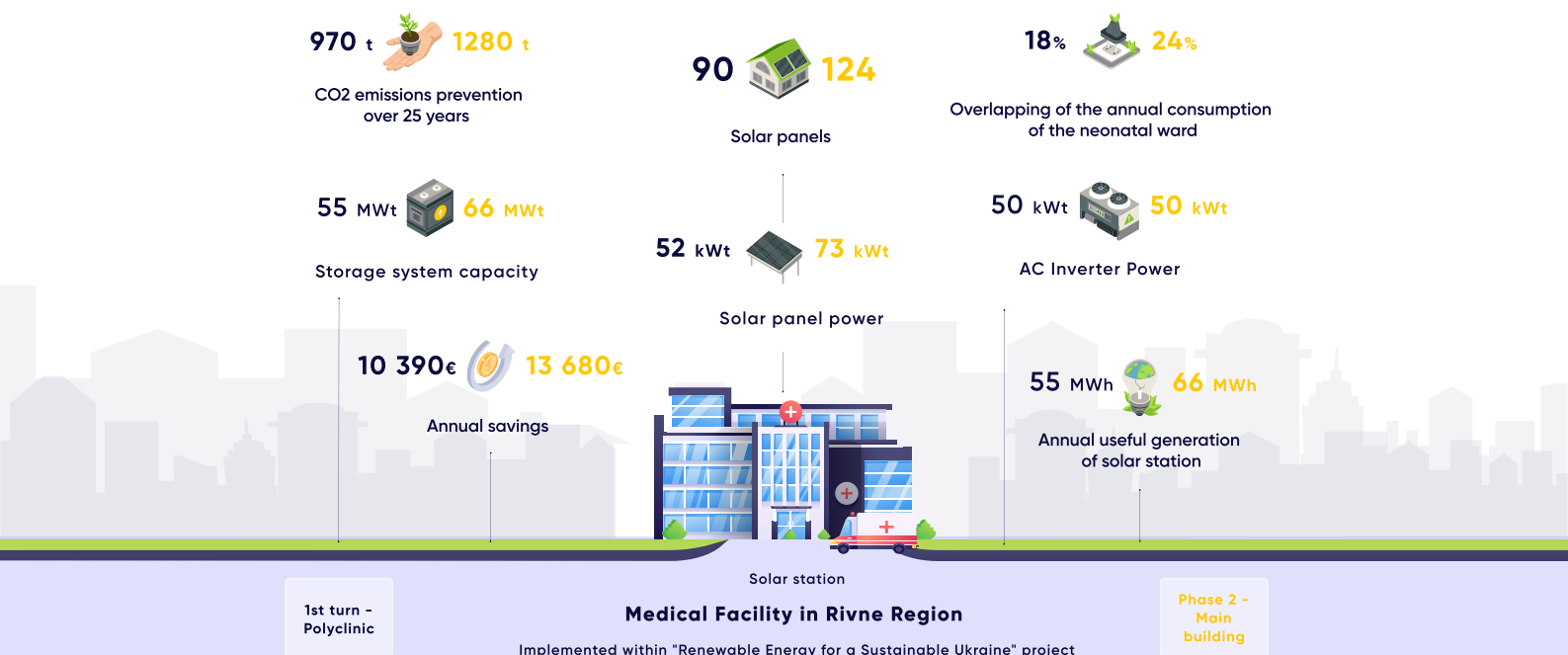
In 2024, for the first time, the Foundation implemented the experience of co-financing projects together with the communities where SPPs are installed. This is a new level of cooperation with communities and their active involvement in the implementation of renewable energy solutions.

Each of these projects is only the beginning of the development of renewable energy in the communities, as they understand the relevance and participate in the implementation, and continue this path of transition to more eco-friendly solutions.



One of the best examples of this solution is a medical facility in the Rivne region, where 214 PV modules with a total capacity of 125.81 kW were installed in two phases. This allows the facility to cover about 50% of its needs on a sunny winter day, and up to 100% in the warmer months, saving around €25,000 a year on electricity bills and freeing up resources for other community and hospital needs.

In addition, students from one of the city's schools took a course on Sustainable Development and Green Energy, which enhanced their knowledge of the plant and its capabilities, which was installed in the community where they live.



## NEW TYPES OF OBJECTS

In 2024, in addition to implementing projects of installing solar power plants in schools and hospitals, the Foundation installed for the first time SPPs for water utilities. This will enable the communities to maintain water supplies even in the event of a central power outage. Solar power systems were also installed in administrative buildings and municipal facilities.



## LARGEST POWER PLANT

Without co-financing, the largest project implemented by the Foundation as of January 1, 2025, is a medical facility in the Kharkiv region.

**180**

solar panels

**74.7 kW**

capacity

**60 kW**

inverter

**95.4 kWh**

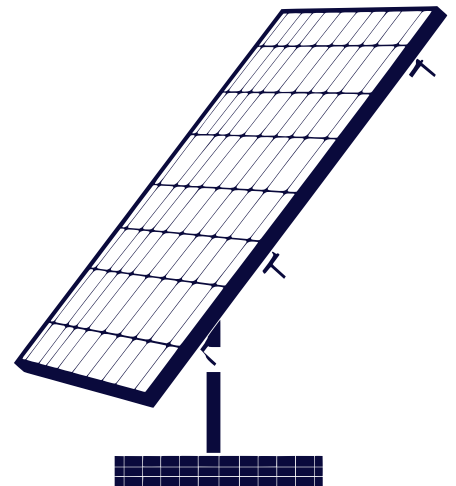
energy storage  
system capacity

**120 000 €**

project cost

## GROUND-MOUNTED SOLAR POWER PLANTS

In 2024, the Energy Act for Ukraine Foundation implemented three projects of installing solar panels on the ground rather than on the roofs of buildings. As a result, ground-mounted solar power plants are now available at municipal facilities in Kirovohrad, Vinnytsia, and Kyiv regions.





# EFFICIENCY RESULTS OF SOLAR POWER PLANTS. MOST STRIKING EXAMPLES

## CHERNIHIV REGIONAL HOSPITAL



- ⚡ 47 787 kWh of SPP electricity generated in 2024
- 🔌 34 % coverage of annual energy consumption
- 💰 ≈ 428 300 UAH saved on electricity bills in 2024
- ☁️ ≈ 165.2 tonnes CO2 emission reduction in 2024



## MYKOLAIV REGIONAL CHILDREN'S HOSPITAL



- ⚡ 54,888.8 kWh of SPP electricity generated in 2024
- 🔌 35 % coverage of annual energy consumption
- 💰 ≈ 472 000 UAH saved on electricity bills in 2024
- ☁️ ≈ 111.43 tonnes of CO2 emission reduction in 2024

# PERFORMED PROJECTS

SOLAR POWER PLANTS INSTALLED:

11

SCHOOLS



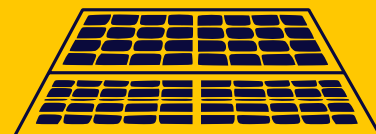
8

HOSPITALS



3

MUNICIPAL  
FACILITIES



## MYKOLAIV REGIONAL CHILDREN'S CLINICAL HOSPITAL



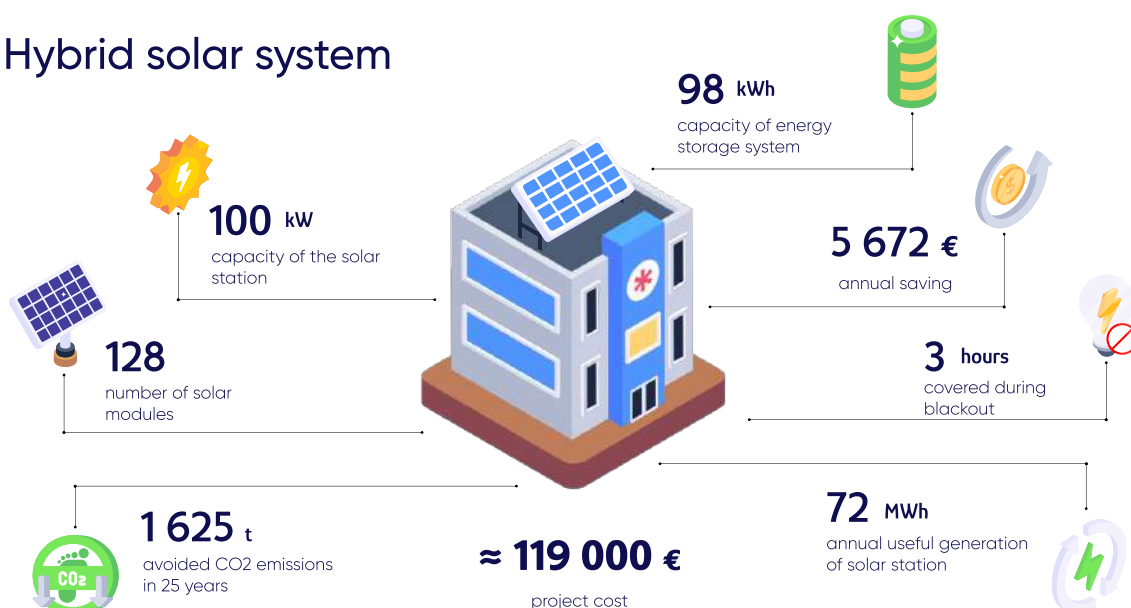
The Mykolaiv Regional Children's Clinical Hospital is the leading children's hospital in the region and the main medical facility in the Kherson region. In total, the hospital has 15 specialized departments with modern equipment that requires a constant power supply. In addition, the hospital premises had been damaged as a result of hostilities and rocket attacks in the vicinity of the hospital buildings.

Against this background, it has become necessary to strengthen the hospital with a reliable source of electricity to ensure an uninterrupted environment for patient treatment and an autonomous power supply.



The power plant will meet the power supply needs of the critical departments in the main building: the operating theater, the surgical department, the intensive care unit, the neonatal and premature baby unit, and the maternity ward.

### Hybrid solar system





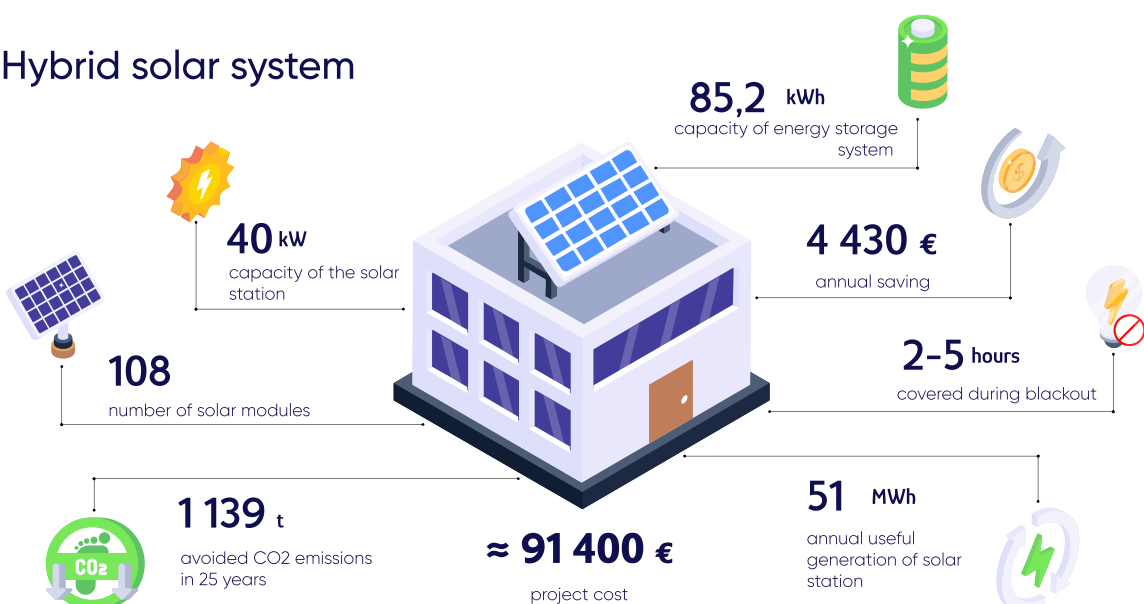
## CHERNIHIV REGIONAL HOSPITAL



This hospital is the only one in the region that provides high-tech medical care for serious diseases. The facility serves 980,369 patients. It has 16 intensive care and surgical units with advanced equipment that requires constant power supply. The hybrid solar power plant will power critical equipment in the surgical department in the main hospital building.

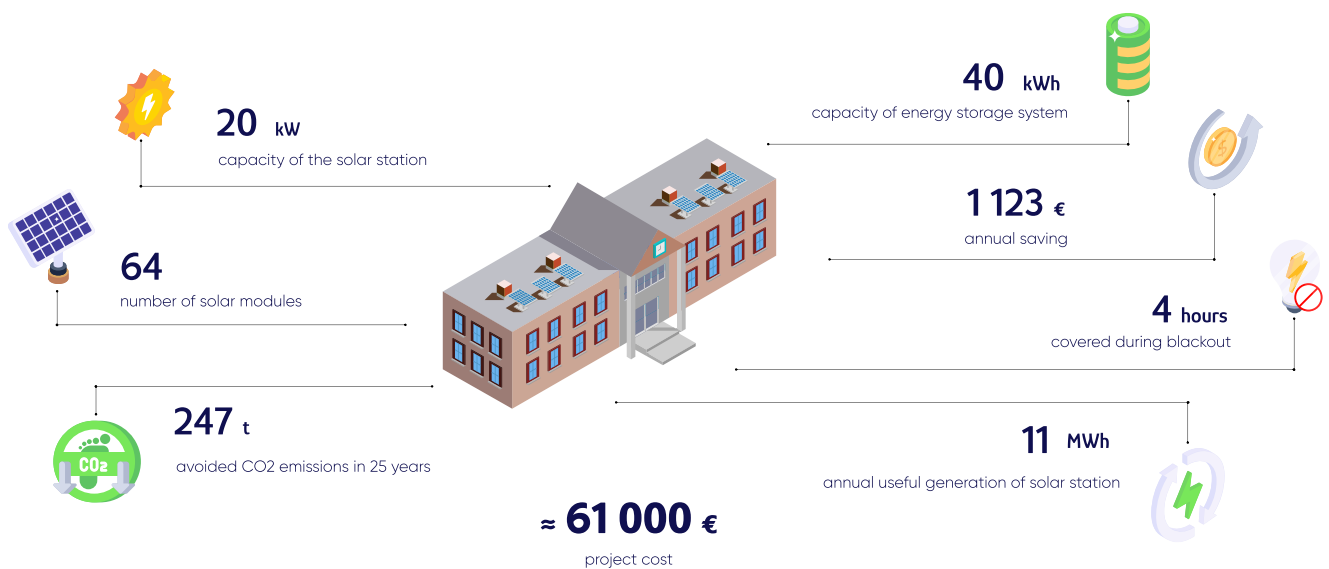


### Hybrid solar system





The grand opening of the solar power plant on 18 April at Irpin lyceum No. 1 was attended by Robert Habeck, Deputy Federal Chancellor and Federal Minister for Economic Affairs and Climate Protection, and Jörg Ebel, President of the German solar association BSW Solar, Representative of IBC SOLAR and member of the Board of Directors of the European solar association Solar Power Europe SPE.



Thanks to the solar power plant, the lyceum will be able to operate autonomously for up to 4 hours, depending on consumption needs. At the same time, the system will also help to provide more than 25% of the school's annual energy consumption.



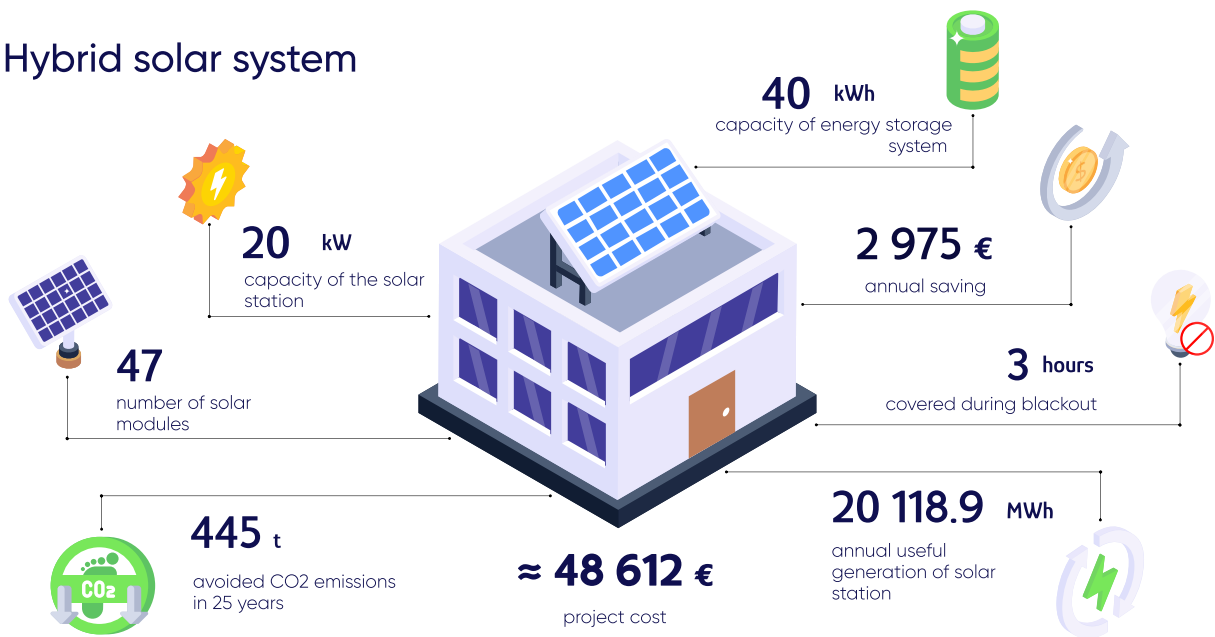


## BUCHA LYCEUM NO. 3

By installing a solar power system, Bucha lyceum No. 3 has been given the opportunity to become an educational institution that demonstrates the implementation of sustainable development principles. Now children will have access to education even during power outages, and the Lyceum itself will be able to save money and become an example of sustainable and conscious living.



### Hybrid solar system





## STABILIZATION PLATFORM (GIZ STABI)



The Energy Act for Ukraine Foundation has installed hybrid solar power plants in two educational institutions in the Kyiv region – **Liutizh lyceum and Lyceum No. 1 of the Hostomel Village Council**. Thanks to the energy storage systems (batteries), schools will be able to operate for several hours without interruption, even in the event of a power cut. This will ensure stable lighting and power supply for the educational process.

This support is part of efforts to restore and strengthen resilience in Ukraine as part of the German Government's implementation programs, such as the Stabilization Platform and GIZ Renewables for Resilient Uranium (R2U).



## LIUTIZH LYCEUM OF PETRIVTSI VILLAGE COUNCIL



114 solar panels



50 kW total capacity



≈ 605 people positively affected



EUR 4 736 savings annually



4 hours of blackout coverage



41.6 kWh battery capacity



≈ 524 tonnes CO2 emission reduction over 25 years



EUR 56 000 project cost



## LYCEUM NO. 1 OF THE HOSTOMEL VILLAGE COUNCIL



54 solar panels



50 kW total capacity



≈ 1 926 people positively affected



EUR 3 028 savings annually



4 hours of blackout coverage



41.6 kWh battery capacity



≈ 382 tonnes CO2 emission reduction over 25 years



EUR 42 100 project cost



## TWO HOSPITALS IN CHERNIHIV REGION

The Koriukivka Central District Hospital and the Kozelets Intensive Care Hospital have become the sixth and seventh hospitals in the 50 Solar Hospitals project to take a confident step towards energy independence. These two healthcare facilities are being supported by the French Ministry of Europe and Foreign Affairs through its Crisis Response and Support Centre as part of the Electriciens sans frontières project – 90 Hybrid Solutions for Ukraine.











In the Chernihiv region, two-thirds of the region's communities were occupied by the Russian army for more than a month in February–March 2022, including the town of Koriukivka. In total, more than 12,000 facilities in the region have been destroyed or damaged as a result of Russian aggression, and the region continues to be subjected to regular shelling and rocket attacks.













## KORIUKIVKA CENTRAL DISTRICT HOSPITAL

-  60 solar panels
-  30 kW total capacity
-  ≈ 70 000 people positively affected
-  EUR 5,200 savings annually
-  Up to 4 hours of blackout coverage
-  61 kWh battery capacity
-  ≈ 366 tonnes CO2 emission reduction over 25 years
-  EUR 80 000 project cost

## KOZELETS INTENSIVE CARE HOSPITAL

-  58 solar panels
-  30 kW total capacity
-  ≈ 97 500 people positively affected
-  EUR 5 376 savings annually
-  Up to 5 hours of blackout coverage
-  61 kWh battery capacity
-  ≈ 360 tonnes CO2 emission reduction over 25 years
-  EUR 65 100 project cost





## RENEWABLE ENERGY FOR SUSTAINABLE UKRAINE PROJECT

The Renewable Energy for a Sustainable Ukraine project is being implemented by GIZ on behalf of the German Government. GIZ is the German Corporation for International Cooperation. On behalf of the German Government, GIZ launches various initiatives. One of the initiatives of the German Government and GIZ is the ICI (International Climate Initiative).






The Renewable Energy for Sustainable Ukraine project is being implemented by a consortium of NGOs: Energy Act for Ukraine Foundation, Ecoclub, Ecoaction, and RePower Ukraine. As part of the project, the Energy Act for Ukraine Foundation has built power plants in 5 locations. The cost of implementing five facilities under the project is EUR 317 300.



on the basis of a decision  
by the German Bundestag










## MEDICAL FACILITY IN RIVNE REGION

-  214 solar panels
-  100 kW total capacity
-  EUR 24 070 savings annually
-  ≈ 2 250 tonnes CO2 emission reduction over 25 years
-  EUR 76 280 project cost



## DUNAYIVTSI LYCEUM NO. 1

-  42 solar panels
-  36 kW total capacity
-  ≈ 908 people positively affected
-  EUR 6 208 savings annually
-  Up to 5 hours of blackout coverage
-  29 kWh battery capacity
-  ≈ 612 tonnes CO2 emission reduction over 25 years





## MUNICIPAL ENTERPRISES

### ADMINISTRATIVE COMPLEX IN PRYIUTIVKA URBAN VILLAGE



45 solar panels



33 kW total capacity



EUR 5 000 savings annually



Up to 3 hours of blackout coverage



80 kWh battery capacity



≈ 348 tonnes CO<sub>2</sub> emission reduction over 25 years

### MUNICIPAL ENTERPRISE OF SLAVUTYCH CITY COUNCIL



248 solar panels



143 kW total capacity



EUR 26 419 savings annually



≈ 1 568 tonnes CO<sub>2</sub> emission reduction over 25 years



### A MUNICIPAL ENTERPRISE IN KHMILNYK



168 solar panels



80 kW total capacity



EUR 24 273 savings annually



≈ 1 863 tonnes CO<sub>2</sub> emission reduction over 25 years

## THREE SOLAR SCHOOLS

Three more educational institutions in Kyiv and Chernihiv regions have taken a step towards energy independence. After suffering the consequences of occupation and hostilities, the schools have recovered, rebuilt, and continue to develop in an environmentally friendly and energy-independent way.

It is extremely important to promote education and ensure that it is possible even in times of energy crisis, as it is the basis for the development of Ukraine's future leaders who will rebuild and develop the country. In addition to installing hybrid solar power plants, the three schools offered optional courses on sustainable development and green energy.

### BOBRYK GYMNASIUM OF THE VELYKA DYMERKA VILLAGE COUNCIL



93 solar panels



30 kW total capacity



≈ 383 people positively affected



EUR 5 925 savings annually



Up to 4 hours of blackout coverage



30 kWh battery capacity



≈ 635 tonnes CO2 emission reduction over 25 years











EUR 49 500 savings annually






## PRYLUKY LYCEUM NO. 1 NAMED AFTER HEORHII VORONYI



-  100 solar panels
-  36 kW total capacity
-  ≈ 1 039 people positively affected
-  EUR 4 892 savings annually
-  Up to 4 hours of blackout coverage
-  36 kWh battery capacity
-  ≈ 525 tonnes CO2 emission reduction over 25 years
-  EUR 67 156 savings annually



## NEMISHAIEVE LYCEUM №2

-  30 solar panels
-  10 kW total capacity
-  ≈ 703 people positively affected
-  EUR 1 985 savings annually
-  Up to 4 hours of blackout coverage
-  26 kWh battery capacity
-  ≈ 213 tonnes CO2 emission reduction over 25 years
-  EUR 44 200 savings annually



# OUR IMPACT AND RECOGNITION



ENERGY ACT FOR UKRAINE  
FOUNDATION

2024

AWARDS

Charitable Ukraine – 2023 National competition, Charity in the field of environmental protection nomination, Kyiv (Ukraine)

2023

Emerging Europe Award 2023,  
Green Energy Initiative of the  
Year nomination

2023

National Energy Globe Award  
2023, Kyiv (Ukraine)



MEMBERSHIP

- Our Foundation joined Solar Power Europe, one of the most powerful solar energy associations in the world, representing 280 solar energy organizations in 40 countries.
- Our Foundation joined the Energy Ukraine Initiative, a cross-sectoral global coalition tasked with accelerating the recovery of Ukraine's energy sector.
- Our Foundation was a member of a consortium of environmental organizations that implemented the Renewable Energy Sources project in Ukraine.
- Our Foundation is a member of the European Business Association (EBA).

## MEMORANDA

- Ministry of Health
- Ministry of Education and Science
- Committee of the Verkhovna Rada of Ukraine on Energy, Housing and Utilities
- Ukrainian Association of Rayon and Oblast Councils
- The Energy Act for Ukraine Foundation joined the European Business Association (EBA)

## COMMUNITIES THAT JOINED THE FOUNDATION'S INITIATIVES IN 2024

- Mykolaiv Regional Council
- Hostomel Village Military Administration
- Dunayivtsi City Council
- Pryiutivka Village Council
- Rivne City Council
- Slavutysh City Council
- Khmilnyk City Council



## COLLABORATIVE INITIATIVE

The Energy Act for Ukraine Foundation has joined a consortium of NGOs that has received German Government support for the first time to implement renewable energy in communities. The project is called Renewable Energy for Sustainable Ukraine and is implemented by GIZ on behalf of the German Government. GIZ is the German Corporation for International Cooperation. On behalf of the German Government, GIZ implements various initiatives. One of the German Government and GIZ initiatives is the International Climate Initiative (ICI). The project Renewable Energy for Sustainable Ukraine is being implemented by a consortium of NGOs: Energy Act for Ukraine Foundation, Ecoclub, Ecoaction, RePower Ukraine.

The Foundation also received support from the Stabilization Platform, a program commissioned by the German Federal Foreign Office. This support is part of efforts to restore and strengthen resilience in Ukraine as part of the German Government's implementation programs, such as the Stabilization Platform and GIZ Renewables for Resilient Ukraine (R2U).

The Energy Act for Ukraine Foundation has signed a new agreement with the Ukrainian World Congress (UWC). As part of this cooperation, solar power plants will be installed for four schools in Ukraine, ensuring their energy independence and environmental friendliness.



## OUR IMPACT

### SOCIAL IMPACT: EMPOWERING THE LOCAL COMMUNITIES, EDUCATIONAL COMPONENT

Integrating renewable energy solutions on the roofs of critical and social infrastructure has a significant social impact. Not only are we ensuring energy independence for schools and hospitals in Ukraine but we are also promoting the use of renewable energy in the communities.

The Foundation's projects of developing decentralized energy in schools, hospitals, and water utilities are catalysing change in the communities in which they are located, as for many communities it is the first time such green projects have been implemented.

8

regions are involved in the Foundation's projects

996

children attended a course on sustainable development and green energy

The Foundation's activities promote community involvement in green projects, enabling the community to implement such projects independently in the future. The implementation of the Foundation's projects provides the involvement of local governments through their financial participation and their training through workshops where the Foundation shares its experience in building such power plants and ways to raise funding for such projects.

≈ 1 475 234

people positively affected



ECOLOGICAL IMPACT: REDUCING CO2 EMISSIONS

The installation of hybrid solar systems will help reduce CO2 emissions by around 10 000 tonnes over the next 25 years. This is from the completed projects alone. When completed, our 100 Solar Schools and 50 Solar Hospitals programs will save up to 100 000 tonnes of CO2.

By using renewable energy sources, our beneficiaries can reduce their dependence on fossil fuels, thereby reducing greenhouse gas emissions and improving air quality. Our solar systems are saving 22 organizations around €80 000 a year on their electricity bills, contributing to the economic development of local communities and the development of education and healthcare facilities where they are installed.

≈ 80 000 €

savings every year

≈ 1 480 700 €

total budget of completed projects

Potentially, solar power plants can be connected to the grid using the net metering principle, which will be introduced in Ukraine in 2023. The total economic impact of all 150 projects under development will be up to €300 000 per year. The transition to solar energy not only increases the financial sustainability of public infrastructure but also contributes to job creation and economic growth in the renewable energy sector.



## ADVOCACY IN EUROPE AND UKRAINE

The Energy Act for Ukraine Foundation is actively engaged in advocacy in Europe. In 2024, the Foundation's representatives took part in more than 10 important events in Ukraine and around the world to garner even more support for energy independence for Ukraine's social and critical infrastructure.



### 19 February, Cafe Kyiv, Berlin (Germany)

Yuliana Onishchuk took part in the discussion panel – Renewable energy for a sustainable Ukraine: a new approach to reconstruction.

### 11-12 June, Ukraine Recovery Conference, Berlin (Germany)

The team of the Energy Act for Ukraine Foundation took part in the conference, which was attended by more than 2000 representatives from 60 countries, who focused their efforts on the short-term and long-term recovery of Ukraine.

### 18-21 June, Intersolar 2024, Munich (Germany)

This is the largest solar energy exhibition in Europe, bringing together leading experts in the field of renewable energy sources (RES).

### 8-9 October, Renewable Energy for a Sustainable Ukraine conference, Kyiv (Ukraine)

Alina Sushchyk, Partnerships Manager, took part in the event and shared the successful experiences and challenges faced by the Foundation in the process of introducing renewable energy sources in different communities of Ukraine.

### 9-10 October, WIRED Energy Tech Summit, Berlin (Germany)

Yuliana Onishchuk spoke at one of the most attended forums in the energy sector. The CEO of the Energy Act for Ukraine Foundation spoke about the current energy situation, how Ukraine is influencing the situation, and the role of green energy. In addition, the conference organizers deducted a percentage of ticket sales as a charitable donation to the Foundation. In this way, they managed to raise more than seven thousand euros for the Foundation's statutory activities.





**22-24 October, Enlit Europe, Milan (Italy)**



Yuliana Onishchuk became one of the voices of Ukraine at one of the most prestigious energy forums. The founder and CEO of the Energy Act for Ukraine Foundation delivered a speech on the development of renewable energy sources in Ukraine and, together with a representative of DTEK, took part in a press conference on the current energy situation in Ukraine and the role of green energy.

### **22 October, Charity Dinner for Ukraine at Enlit Europe, Milan (Italy)**

The first Enlit Europe Charity Dinner in support of Ukraine took place in 2024. Around 150 participants took part in the charity activities and raised €47 500 in donations for the construction of a solar power plant at a school in the Odesa region.

**150**  
participants

**47 500 €**  
in donations





## 28–31 October, GIZ Western Balkans, Budva (Montenegro)

Yuliana Onishchuk became one of the participants of the experience exchange program on the transition to green energy. The Ukrainian representative not only shared her experience in implementing projects of the Energy Act for Ukraine Foundation but also outlined the prospects for women's involvement in the green energy sector.

## 11–22 November, COP29, Baku (Azerbaijan)

Yuliana Onishchuk spoke at two panels in the Ukrainian Pavilion, highlighting the key issues for the Ukrainian energy sector: Ukraine's Green Transition and Ukrainian Women's Involvement in Green Energy (Status and Perspectives). In addition, the founder and CEO of the Energy Act for Ukraine Foundation spoke at the COP29 Blue Zone about the role of women in the Ukrainian green energy sector and how this situation is affected by the full-scale invasion. Yuliana Onishchuk joined Her Highness Sheikha Shamma bint Sultan bin Khalifa Al Nahyan, Her Excellency Maria Fernanda Espina, Dr Edda Aradottir, Shivna Majmudar, Mwanahamisi Singano, and moderator Ambassador Melanne Vermeer in the Blue Zone.

## 13 November, Rebuild Ukraine, Warsaw (Poland)

Alina Sushchuk, a representative of the Foundation, took part in the event and shared the experience of implementing RES in Ukrainian communities using the example of the activities of the Energy Act for Ukraine Foundation.

## 26 November, EBA lecture, Kyiv (Ukraine)

Yuliana Onishchuk delivered a training lecture for the members of the European Business Association on Solar Energy for Organizations: How to Ensure Stable Energy Supply in an Unstable Environment.



## FUTURE PLANS

The Energy Act for Ukraine Foundation continues to actively implement the 50 Solar Schools and 100 Solar Hospitals projects in Ukraine. As of January 1, 2025, solar power plants have been installed in eight healthcare facilities, eleven schools, and three other community facilities. In 2025, it is planned to install solar power plants with energy storage systems in at least 20 more social and critical infrastructure facilities. Thus, from February to December 2025, the geography of the Foundation's initiatives will be expanded to Odesa, Cherkasy, Mykolaiv, Kharkiv, Kirovohrad, Dnipro, Zaporizhzhya, Sumy and Kyiv regions.



### Sustainable Development and Green Energy Course

A new stage of development will be reached with the introduction of a training course for children on Sustainable Development and Green Energy. In 2025, we plan to offer the elective course to at least 1 000 students. We also plan to improve the course by making it even more interactive and increasing children's involvement in green energy.

### Women in Energy

2025 will be the year of the launch of the Women in Energy initiative of the Energy Act for Ukraine Foundation. In 2024, a nationwide survey was launched on the barriers to Ukrainian women's transition to the green energy sector. Based on its results, educational materials will be created to encourage women to enter the green energy sector and help make this path as comfortable and efficient as possible.

## ABOUT THE FOUNDATION IN MEDIA



Media support for the activities of the Energy Act for Ukraine Foundation is crucial for achieving our goal of ensuring energy security and sustainable development for communities in Ukraine. Every publication or story helps to convey the stories of change we are creating together and to raise awareness of the critical needs of our projects.

The Foundation team is deeply grateful to all the media for their support, cooperation, and willingness to share valuable news. Together we can do even more for Ukraine's energy independence and recovery.

List of international and Ukrainian media that covered the activities of the Energy Act for Ukraine Foundation in 2024.



**488**

mentions in media

**18 %**

national media

**53 %**

regional media

**94 %**

positive messages

**22 247 129**

total coverage



\*According to media monitoring as of 20.01.2025.



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*Light up the future of Ukraine together with us!*

