



ALL UKRAINE NGO LIVING PLANET PROJECTS LEAFLET FOR PRACTICAL STEPS OF GREEN RECOVERY OF UKRAINE

ABOUT ALL UKRAINE NGO LIVING PLANET

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All Ukraine NGO Living Planet is glad to meet you and would like to discuss with you the possibilities of supporting initiatives for the development of sustainable construction in Ukraine, as well as supporting green restoration.

Our organization was established in 2003, and one of the key directions of our activity is the development of sustainable consumption and production.

Since 2014, in partnership with UNEP, within the framework of the EaP GREEN and EU4Environment programs, we have implemented activities aimed at developing ecolabelling standards and sustainable public procurement in Ukraine.

Since 2019, we have opened a new direction and, in partnership with GIZ, we are promoting energy efficiency and sustainability approaches in construction in Ukraine.

We are looking for partners and donors to implement projects of green restoration of Ukraine, taking into account our experience and the needs of the state and communities at supporting the development of sustainable construction.

Today, the need is to develop standards for different types of objects and structures, information and training, and development of standard projects for the speedy recovery of Ukraine in accordance with the principle "Build Back Better".

NGO Living Planet is a collective member of:

- from 2005 to the present - the national technical committee for standardization TC 82 "Environmental protection" and performs the functions of the secretariat of the subcommittee "Life cycle assessment";
- from 2018 to the present - the Advisory Group on Sustainable Development, which was created to implement Article 289 of the Association Agreement between Ukraine and the EU.
NGO Living Planet is represented in the Public Council of the MEPR, from 2016 to the present, the president of the organization, Svitlana Berzina, is the elected head of the council.

NGO Living Planet is a powerful organization that successfully participates in the implementation of new political, economic, social, environmental, educational and cultural programs, improves Ukrainian legislation regarding EU accession, promotes sustainable consumption and supports the introduction of energy-efficient, cleaner and low-waste technologies, forms public opinion regarding the activities of authorities, state institutions, political parties, the state and politicians.

PROJECT NAME: EXECUTION OF A PILOT PROJECT UNDER A NEWLY DEVELOPED NATIONAL SUSTAINABILITY RATING SYSTEM FOR PUBLIC BUILDINGS

Project Goal: Completion of a start-to-finish reconstruction project of a school following the Platinum requirements of the new sustainability rating system for public buildings "ENVIRONMENTAL CERTIFICATION AND LABELING SYSTEM IN ACCORDANCE WITH DSTU ISO 14024:2018 (ISO 14024:2018, IDT) - PUBLIC BUILDINGS - Environmental criteria and life cycle assessment method for the design and construction stages"

Background: Completion of a start-to-finish reconstruction project of a school following the Platinum requirements of the new sustainability rating system for public buildings "ENVIRONMENTAL CERTIFICATION AND LABELING SYSTEM IN ACCORDANCE WITH DSTU ISO 14024:2018 (ISO 14024:2018, IDT) - PUBLIC BUILDINGS - Environmental criteria and life cycle assessment method for the design and construction stages"

Vasylkiv Secondary School No. 6, serving roughly 500 students, is a cornerstone of education in Kyiv Oblast. Known for its strong academic programs, the school has long supported its community, but recent conflicts and years of underfunding have left the building in disrepair, with outdated facilities and compromised safety.

The need for educational infrastructure in Kyiv Oblast is pressing. Since 2022, the area has seen an influx of over 600,000 internally displaced persons (IDPs), including many school-aged children, pushing schools to operate at or above capacity. This 15% surge in the student population has strained resources, overcrowded classrooms, and limited learning opportunities.

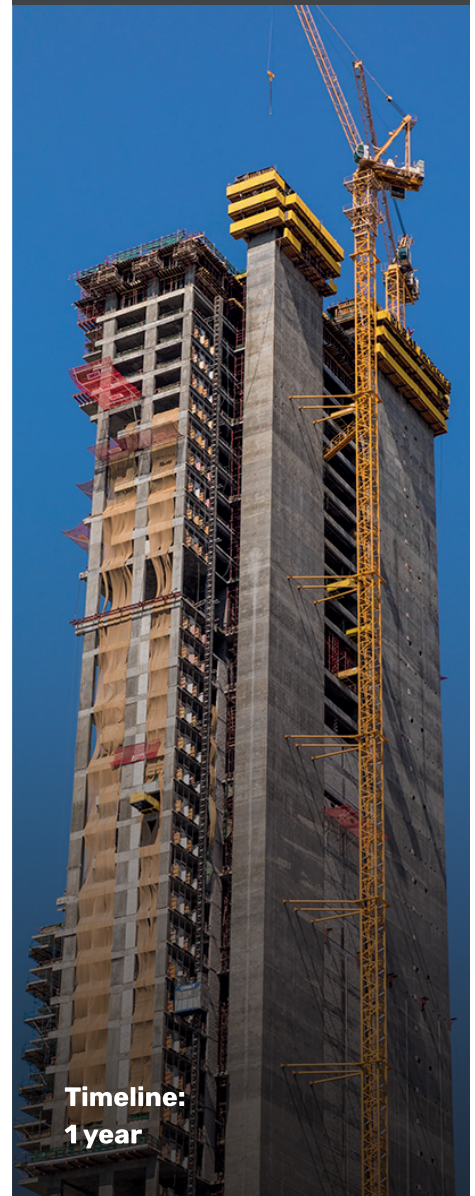


Reconstructing Vasylkiv Secondary School No. 6 to modern, sustainable standards will not only improve safety and comfort but will serve as a model for energy-efficient design across the region. By enhancing ventilation, insulation, and resource efficiency, this

Estimated Budget:

150,000 EUR

for design documentation, expert evaluation and certification, after which the budget for construction can be established + 100,000 EUR for training, marketing and project documentation (manuals, guidelines, presentations, etc.)



Timeline:
1 year

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project will meet urgent educational demands while setting a standard for resilient, sustainable public schools in Kyiv Oblast. The local Administration has already started preparatory works for the reconstruction of the school, however, due to funding gaps they are unable to fully sponsor the works needed to rebuild the school with modern, sustainable practices.

Expected Results:

- **Certification:** The reconstruction project of the Vasyilkiv Secondary School No. 6 will meet the requirements of the national sustainability rating system at least in the Silver rating class, significantly enhancing energy efficiency, air quality, natural lighting, and overall comfort through a design that prioritizes sustainable resource use and efficiency.
 - **Blueprint for National Adoption:** The standard against which the assessment will be carried out was developed within the framework of the project “Promoting Energy Efficiency and Implementation of the EU Energy Efficiency Directive in Ukraine”, implemented by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH on behalf of the German Federal Ministry for Economic Cooperation and Development (BMZ) and co-financed by the Swiss State Secretariat for Economic Affairs (SECO), and is the first to introduce a practical system for assessing buildings and structures according to sustainability criteria per ISO 21929-1: 2011 Sustainability in building construction – Sustainability indicators – Part 1: Framework for the development of indicators and a core set of indicators for buildings. The pilot project establishes a model for sustainable building practices, illustrating the benefits and laying the groundwork for integrating such standards across future public sector construction projects. The existence of the pilot project will strengthen the potential for promoting the new standard and provide a practical basis for training future professionals and auditors.
 - **Empowering Stakeholders:** Through targeted outreach, local stakeholders – including architects, engineers, staff and municipal leaders – gain the knowledge and capacity to champion sustainability within the school and their broader community.
- Documented Best Practices for Future Projects:** Comprehensive documentation and analysis provide a
- practical framework and valuable insights for implementing sustainability standards in future public building reconstructions nationwide.

Measures:

- Audit and assessment of the school’s current level of compliance with the national sustainability rating system
- Adaptation of existing design documentation in accordance with the requirements of the national sustainability rating system and certification of adapted design documentation
- Execution of construction works under the certified design documentation
- Certification of the building at the commissioning stage
- Development and dissemination of best practices and lessons learned reports and marketing materials at local and national levels among key stakeholders and decision-makers

Implementing Partners: NGO Living Planet, Kyiv National University of Construction and Architecture, Confederation of Builders of Ukraine, Vasilkiv City Administration Dept. of Education.

PROJECT NAME: EDUCATIONAL AND CERTIFICATION PROGRAM FOR THE SUPPORT OF THE IMPLEMENTATION OF THE NATIONAL SUSTAINABILITY RATING SYSTEM FOR PUBLIC BUILDINGS

Project Goal: Establish a self-sustaining training and certification program for professionals in the fields of design and construction to increase the number of sustainable public building construction and reconstruction projects

Expected Results for the first year:

- **Sustainable Construction Consultants:** Educate 50-100 certified sustainable construction consultants to be employed by public administrations on construction projects
- **Standard Accreditors:** Train and certify a team of qualified accreditors to serve as official raters, ensuring consistent application of the national sustainability standards across public building projects.
- **Educational and Certification Platform:** Creation of accessible courses and educational materials on the national sustainability rating system and its requirements
- **Partnerships for Raising Awareness:** Establish partnerships with key public institutions to integrate certified consultants into ongoing and future projects and raise awareness among public administrations of the benefits and requirements of sustainable building practices through outreach events and informational campaigns.

Measures:

- Establish and approve an educational curriculum and certification process.
- Conduct a pilot program with a select group of professionals to refine the curriculum and ensure practical, applicable training content.
- Develop and launch a centralized online knowledge platform for sustainable construction with free courses, guides, and resources for the sustainability rating system.
- Evaluate program effectiveness through participant feedback and monitor the integration of certified consultants in public projects.

Estimated Budget:

75,000 EUR

[10,000 EUR for finalisation of educational curriculum + 30,000 EUR for pilot training and certification + 25,000 EUR for platform development and launch + 10,000 EUR for ongoing maintenance and support]



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Implementing Partners: NGO Living Planet, Kyiv National University of Construction and Architecture, Confederation of Builders of Ukraine, State Environmental Academy of Postgraduate Education and Management, Institute of Environmental Management and Balanced Nature Management.

Implementing Partners: Support Partners: Ministry of Environmental Protection and Natural Resources of Ukraine, Ministry of Development of Communities and Territories of Ukraine, State service of quality of education of Ukraine, State Inspection of Architecture and Urban Planning of Ukraine, The State Environmental Inspection of Ukraine, and other public authorities and specialized associations.

PROJECT NAME: DEVELOPMENT OF A SET OF NEW NATIONAL SUSTAINABILITY RATING SYSTEMS FOR RESIDENTIAL CONSTRUCTION, INFRASTRUCTURE PROJECTS, OPERATIONS AND MAINTENANCE OF BUILDINGS

Project Goal: To establish comprehensive national sustainability rating systems that guide the entirety of the Ukrainian construction industry toward environmentally responsible, energy-efficient, and resilient practices.

Expected Results:

- Create and pilot three distinct rating systems, each tailored to residential buildings, infrastructure projects, and operations and maintenance standards.
- Develop a unified framework that integrates sustainability goals and performance metrics applicable to various types of construction and building management.
- Engage key industry stakeholders, including builders, developers, and public agencies, to ensure system alignment with national goals and practical applicability.
- Publish guidelines, assessment tools, and scoring criteria for each rating system, accessible to public and private sectors.
- Train and certify at least 50 accreditors by year's end to support system rollout and implementation.

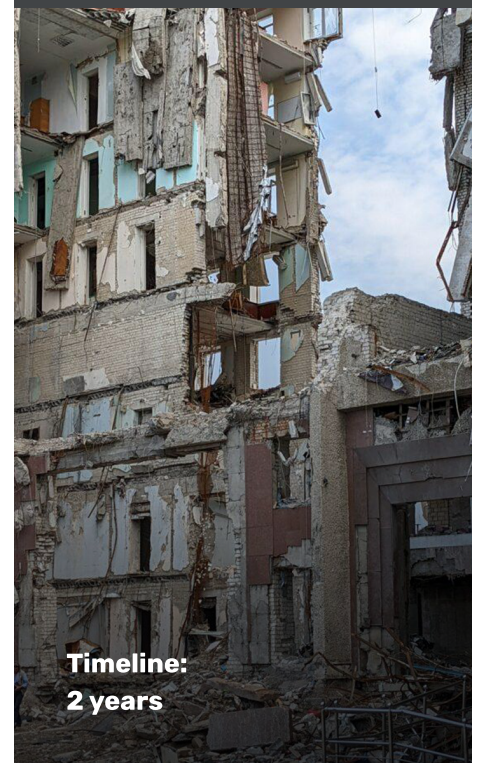
Measures:

- Engage the working group of experts in sustainability, construction, and building management to develop the rating criteria and guidelines.
- Conduct consultations and feedback sessions with industry professionals to refine each rating system for effective real-world application.

Estimated Budget:

200,000 EUR

[for the development and support of the process up until the adoption of regulations + 100,000 EUR for training and certification of pilots + 10,000 EUR for the introduction of a knowledge platform on sustainable construction and promotion (information campaign)]



Timeline:
2 years

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- Create a digital platform to host resources, guidelines, and updates, ensuring transparent access for stakeholders.
- Pilot each rating system on select projects, gathering data to inform final adjustments before nationwide release.

Implementing Partners: NGO Living Planet, Kyiv National University of Construction and Architecture, Confederation of Builders of Ukraine and other stakeholders

Support Partners: Ministry of Environmental Protection and Natural Resources of Ukraine, Ministry of Development of Communities and Territories of Ukraine, State service of quality of education of Ukraine, State Inspection of Architecture and Urban Planning of Ukraine, The State Environmental Inspection of Ukraine, National Technical Committee for Standardization TC 82 “Environmental Protection” and other public authorities and specialized associations.

WE WANT TO DEVELOP AND STRENGTHEN THE POTENTIAL ACHIEVED IN THE PERIOD 2021-2024, INCLUDING:

Developed recommendations on technical specification requirements and non-price evaluation criteria for procurement of energy-consuming and construction products.

A training program was developed and 15 regional seminars were held to support the implementation of the recommendations. At the request of customers, additional clarifications, educational videos and videos were prepared and published in public access on the Energy Efficiency Platform, the knowledge platform of the state public procurement system Infobox Prozorro and the resources of partners.

A standard was developed that establishes environmental criteria and a method of evaluating public buildings and facilities. The adopted standard will be implemented into the system of environmental certification and labeling in accordance with ISO 14024:2018 to establish criteria for the assessment of improved energy performance and environmental performance of public buildings during the design and commissioning stages according to the requirements of the international standard ISO 21929-1:2011 Sustainability in building construction – Sustainability indicators – Part 1: Framework for the development of indicators and a core set of indicators for buildings. The main task of this standard is to introduce a national rating system for public buildings.

Developed methodical recommendations on the basics of designing energy-efficient schools and kindergartens with improved environmental characteristics.

Today, more than 300 sources of information – from village councils to the Government portal – refer to these publications, which are placed in open access for customers, architects and designers.

In accordance with the recommendations in the period 2022-2024, typical projects of energy-efficient buildings of general secondary education institutions and kindergartens with improved environmental characteristics were developed, passed public discussions and expert evaluation. Regional state administrations and communities were informed about the availability of ready project documentation.