



Development Strategy

Mykolaiv Water Hub

2026-2028

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Strategy 2026–2028

Building More Livable and Resilient Ukrainian Communities

Mykolaiv Water Hub (MWH) works at the intersection of innovation, education, infrastructure, and international cooperation.

We support Ukrainian communities in becoming more resilient, modern, and attractive places to live by connecting local challenges with international expertise, technologies, and partnerships.

Our Vision

We envision a future in which communities create opportunities for learning, professional development, entrepreneurship, and the realization of their residents' potential.

Communities where high-quality infrastructure, access to knowledge, and an enabling environment support the development of people, innovation, and new ideas.

A future where young people can see opportunities for living and self-realization within their own communities.

Our Mission

We strengthen Ukrainian communities through innovation, education, partnerships, and human-centered development.

By connecting local needs with international expertise, we help communities become more resilient, sustainable, and attractive places to live and work.

MWH serves as an integrator and a "translator" between global solutions and Ukrainian realities. We facilitate the adaptation of technologies, support their implementation, and create the conditions in which international cooperation delivers tangible results for communities.

How We Create Impact

Our work is based on the belief that sustainable transformation happens when technology, people, knowledge, and collaboration work together.

MWH acts as a platform that brings together:

- Communities and local governments
- Educational institutions
- Researchers and innovators
- Technology providers
- International partners and donors

Together, we develop and implement practical solutions that can be scaled and deliver long-term impact.

Strategic Priorities

Infrastructure

Supporting the modernization of critical infrastructure through technology, research, digital solutions, and practical innovation.

Education

Developing future professionals, researchers, engineers, and leaders through STEM education, training programs, and professional capacity building.

Innovation Ecosystem

Creating an environment where new ideas emerge, startups grow, experimentation takes place, and cross-sector collaboration thrives.

International Partnerships

Connecting global expertise, technologies, investment opportunities, and knowledge networks to support the development of Ukrainian communities.

Organizational Sustainability

Building a strong and effective institution capable of creating long-term impact and scaling successful initiatives.

Sustainable Development Goals

Our work contributes to the achievement of the United Nations Sustainable Development Goals, with a particular focus on:

- **SDG 4** – Quality Education
 - **SDG 6** – Clean Water and Sanitation
 - **SDG 9** – Industry, Innovation and Infrastructure
 - **SDG 11** – Sustainable Cities and Communities
 - **SDG 17** – Partnerships for the Goals
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Strategy Implementation 2026-2028

The Mykolaiv Water Hub Strategy defines key development priorities for the three-year period. Strategy implementation envisages a clear sequence of actions, defined roles and responsibilities, flexible adaptation mechanisms, and systematic monitoring.

Strategy Implementation Roadmap

The roadmap provides a step-by-step framework for translating the strategic vision into tangible results for communities, the team, partners, and the city of Mykolaiv. It is built on the following principle: institutional maturity first, program scaling second, while simultaneously developing partnership ecosystems.

2026: The Year of Foundation and Launch

Focus: institutional resilience, launch of the Hub, and the first technology pilot projects in new communities.

Key milestones:

- launch and operationalisation of the Hub premises and the Infrastructure Fab Lab;
- establishment of the team and development of SOPs for all key processes;

- development of the MWH Academy: methodologies, materials, and modules;
- expansion of the network of international partners (Japan, the United States, and the European Union);
- establishment of local professional communities (engineers, managers and leaders of municipal utilities, and data analysts);
- strengthening the soft-landing platform for international companies.

2027: The Year of Scaling and Integration

Focus: expanding programs, strengthening partnerships, and increasing the number of communities working with MWH.

Key milestones:

- scaling technology solutions across five communities;
- expanding the Infrastructure Fab Lab and developing adult education programs;
- launching R&D projects at the Hub in partnership with international universities;
- integrating analytical tools into community recovery projects.

2028: The Year of Sustainability and Model Recognition

Focus: consolidating results, documenting the model, and creating the conditions for its further development.

Key milestones:

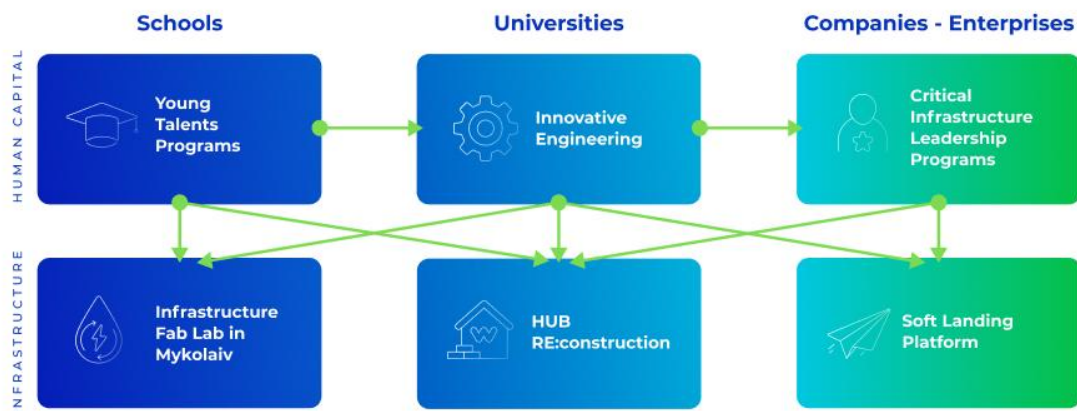
- expanding advanced learning programs for youth and adults;
- replicating the Hub model in other countries;
- developing long-term international projects;;
- diversifying the financial model;
- assessing impact based on the SDGs and internal indicators.

Our Approach

At the core of our work are:

- Practical solutions instead of theoretical recommendations
- Long-term partnerships instead of short-term projects
- Local adaptation instead of one-size-fits-all models
- Knowledge transfer instead of dependency
- Measurable impact instead of formal activity

Ecosystem of Our Projects



Young Talents Support Programs of Mykolaiv Water Hub help school pupils and university students across Ukraine develop their own scientific and engineering projects by providing financial support, mentorship, access to equipment, and hands-on learning opportunities. Particular emphasis is placed on developing competencies in STEM, water resources, environmental protection, energy, and innovation.

The programs are designed to foster a new generation of Ukrainian researchers, engineers, and technology leaders. They create opportunities for young talent to grow through applied research, collaboration with experts, and the implementation of projects that address real community challenges and contribute to Ukraine's long-term recovery.



Innovative Engineering

The Innovative Engineering Program is designed to strengthen collaboration between Ukrainian and international universities, research centres, and industry partners. We support the modernisation of academic programs, the development of modern laboratories, academic mobility, and joint research projects to prepare a new generation of engineers for Ukraine's recovery.

The program helps universities integrate European practices, advance applied research, and develop innovative solutions in the field of critical infrastructure. Through international partnerships and collaboration with industry, we foster an ecosystem where education, research, and engineering contribute to the development of Ukrainian communities and the national economy.



Critical Infrastructure Leadership Programs

The Programs for Critical Infrastructure Leadership are designed to enhance the qualifications of professionals already working in the critical infrastructure sector, as well as those seeking careers in this field. This program component brings together Ukrainian and international universities, research centres, and sector partners to strengthen the competencies of critical infrastructure professionals. They combine modern education, practical experience, and international knowledge exchange.

We support the development of university programs, academic collaboration, and applied research, helping prepare leaders who implement innovative solutions for Ukraine's recovery and development.



The **Infrastructure Fab Lab** is an open workspace for working with a wide range of materials, engineering, prototyping, and applied research, where students, researchers, start-ups, and entrepreneurs can develop, test, and implement diverse solutions for critical infrastructure.

The lab combines modern digital fabrication, STEM education, and interdisciplinary collaboration, supporting diverse initiatives, the development of practical skills, and the deployment of technologies for Ukraine's sustainable recovery.



A building reconstruction project in Mykolaiv that is transforming an existing facility into a modern centre for education, innovation, and international cooperation. The space will bring together a co-working area, a conference hall, and a demonstration site for sustainable technologies.

The future Hub will serve as a platform for learning, research, and collaboration among universities, businesses, communities, and international partners, supporting the development of human capital and the implementation of innovative solutions for Ukraine's recovery.



Soft Landing Platform

MWH is currently actively building cooperation with Japanese companies.

The **Japan Desk** helps international companies, universities, and research organisations enter the Ukrainian market by identifying partners, launching pilot projects, and supporting their implementation. We combine local expertise, institutional networks, and practical support to remove barriers to international cooperation.

The program creates conditions for scaling innovative technologies in Ukraine by ensuring coordination with national and municipal partners, supporting human capital development, and facilitating strategic communications. This enables international solutions to move quickly from concept to successful implementation.

TEAM STRUCTURE

BOARD

Founder



Hanna Montavon
Board Member
CEO



Lily Nabochenko
Board Member
Compliance & Control



Roman Doroshenko
Board Member
Designer



Dmytro Kyselyov
Board Member
Head of Legal

MANAGEMENT



Maryna Lemishchenko
Deputy CEO



Tetyana Tyshchenko
Partner Relations

MENTORS



Andrii Vitenko
Fab Lab Administrator /
3D Printing



Yevhen Poliakov
Architecture and Urban
Planning



**Mykhailo
Oleksiienko**
LEGO Robotics



**Ruslana
Siusiura**
LEGO Robotics

OPERATIONS



Svitlana Makotra
Accountant



Viktoria Lakezina
SMM Assistant



Diana Hostieva
Local Assistant

The Way Forward

During 2026–2028, Mykolaiv Water Hub will continue to evolve as a platform that brings together innovation, education, infrastructure solutions, and international cooperation to support the sustainable development and recovery of Ukrainian communities.



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