

July 2025

Education Alliance for Ukraine

IMPACT REPORT

Submitted to the
Trimble Foundation Fund

MESSAGE FROM THE CHAIRMAN

Dear Supporters,

On behalf of the Board of Education Alliance for Ukraine, it is exciting to share the activities and achievements during the first half of this year. This report covers many details, and the overriding themes are clear.

Although war is ongoing, and no end is in sight, planning for the post-war recovery in Ukraine is well under way. If carried out to its full potential, the rebuilding of Ukraine may prove to be one of the most significant European economic projects of this century.

The requirement for skilled labor and capital will be on a scale almost unimaginable, therefore, the need to leverage technology to maximize efficiency and quality will be imperative.

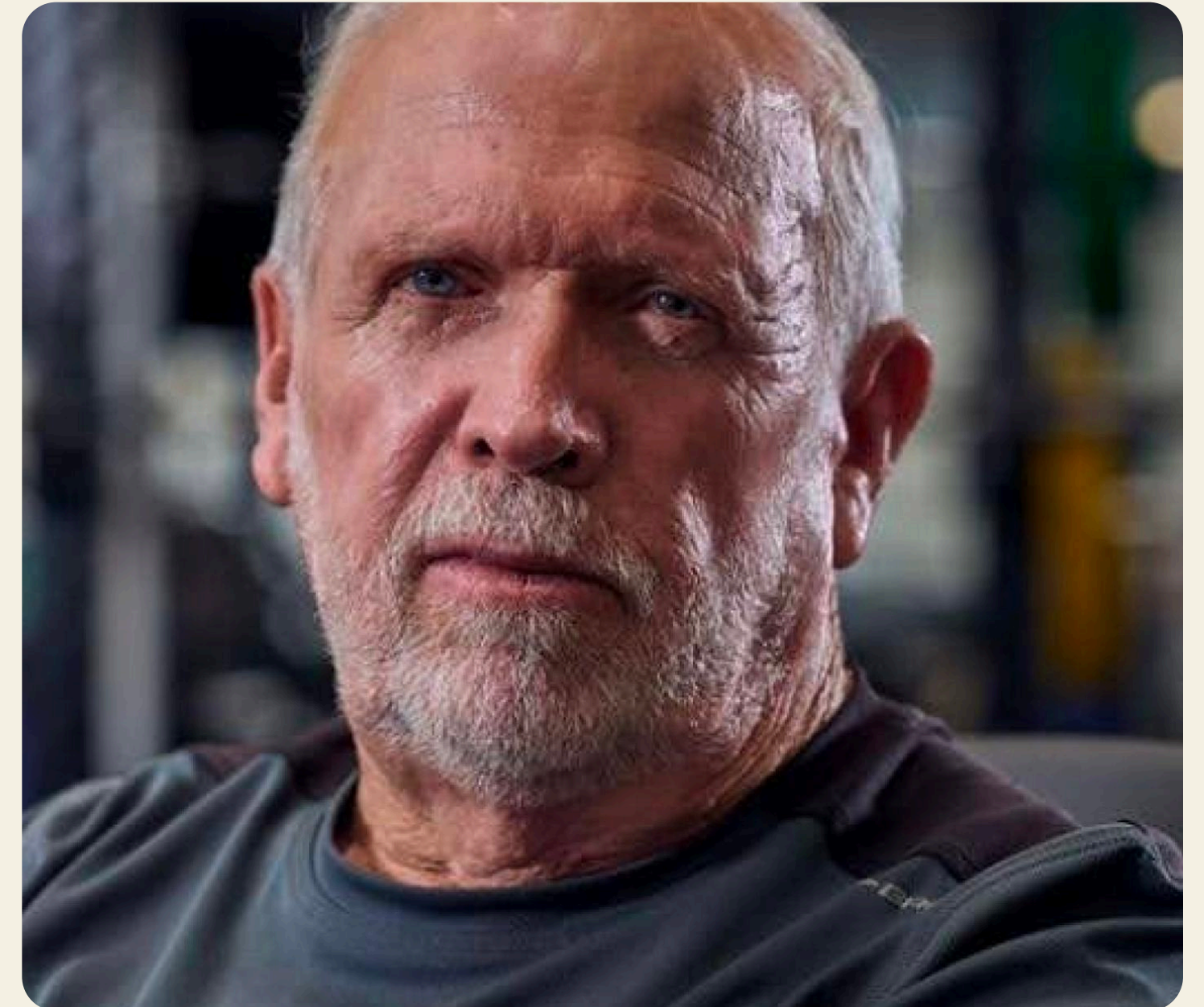
The courageous people of Ukraine are anxious to learn and teach the use of these technologies and tools in the enormous job of reconstruction.

This report highlights the many ways Education Alliance for Ukraine is already making a meaningful impact—while building the capacity, partnerships, and strategy needed to support the talented and determined people of Ukraine in the critical years ahead.

Thank you for your generous support.

Robert Barrows

BOB BARROWS, CIVIC LEADER,
CATERPILLAR AND DEALER EXECUTIVE



MESSAGE FROM THE EXECUTIVE DIRECTOR

Dear Trimble Foundation Fund Leadership,

I'm pleased to share this report covering months of intense progress, made under some of the most challenging conditions.

At first glance, this photo may seem incongruous—but this moment captures the spirit that drives our work in Ukraine. The Dean of Ukraine's State Tax University had just awarded me the letter "U" from the University welcome sign, surrounded by the ruins of their bomb-damaged main building.

After more than three years of war Ukrainians remain creative, energetic, grateful and unshakably committed to a democratic, European future—and still able to share a moment of laughter amidst the rubble.

Their resilience isn't just remarkable, it's a powerful reminder of why this work matters. It's not only a story of survival; it's a call to action.

Drawing on insights from over 10,000 kilometers traveled across Ukraine and more than 150 in-depth stakeholder engagements, we are more committed than ever to advancing construction technology and training the hundreds of thousands of professionals essential to Ukraine's reconstruction. The scale of the need is immense—and so is our resolve to meet it.

Thank you for standing with us.

Tom Austin



HISTORIC PRESERVATION

In cooperation with the **Ministry of Culture**, and in close collaboration with 12 professors across three leading Ukrainian universities, we developed a rigorous **13-module, 180-hour training program**, complemented by **200+ hours of hands-on fieldwork**, to certify **Historic Preservation Program Managers**.

These specialists are now leading teams to assess and plan the reconstruction of war-damaged buildings and infrastructure.

To date, our teams have completed **five pilot projects**, including the restoration planning of **two historic buildings, two bridges, and one residential apartment block**. We are now advancing the second training cohort of preservation managers.

Additionally, we have introduced **SketchUp software training at eight Ukrainian vocational schools and community colleges**, equipping the next generation of architects and designers with cutting-edge digital tools.

 13-MODULES

 180-HOUR
training program

 200+ HOURS
hands-on fieldwork

 5 PILOT
PROJECTS

COURSE DESCRIPTIONS

HISTORIC PRESERVATION PROGRAM MANAGER

LPNU – Lviv Polytechnic National University
KNUCA – Kyiv National University
of Construction and Architecture
KhNAHU – Kharkiv National Automotive and
Highway University

Subject	Instructor	Course Length
Construction Project Management	LPNU, 1-2 professors	30 hours
Geodesy	LPNU, 1-2 professors	30 hours
Architecture	LPNU, 1-2 professors	18 hours
Principles of Cultural Preservation and Restoration	LPNU, 1-2 professors	18 hours
Operate 3D Scanner	KhNAHU / KNUCA, 2-3 professors	30 hours
Create Digital Model in Trimble Business Center	KhNAHU, 2-3 professors	30 hours
SketchUp modeling software to design reconstruction	KNUCA, 2-3 professors	60 hours
Construction Engineering	KhNAHU, 2-3 professors	18 hours
Trimble Tekla Structures for engineering solution	KNUCA, 2-3 professors	30 hours
Economic calculations for restoration, preparation of tender documents	KNUCA, 2-3 professors	30 hours
Working in ЄДЕССБ (Unified State Electronic System in the Field of Construction)	KNUCA, 2-3 professors	12 hours
Project Certification	All 3 universities	30 hours
Preparation and presentation of Final Project	As needed	90 hours

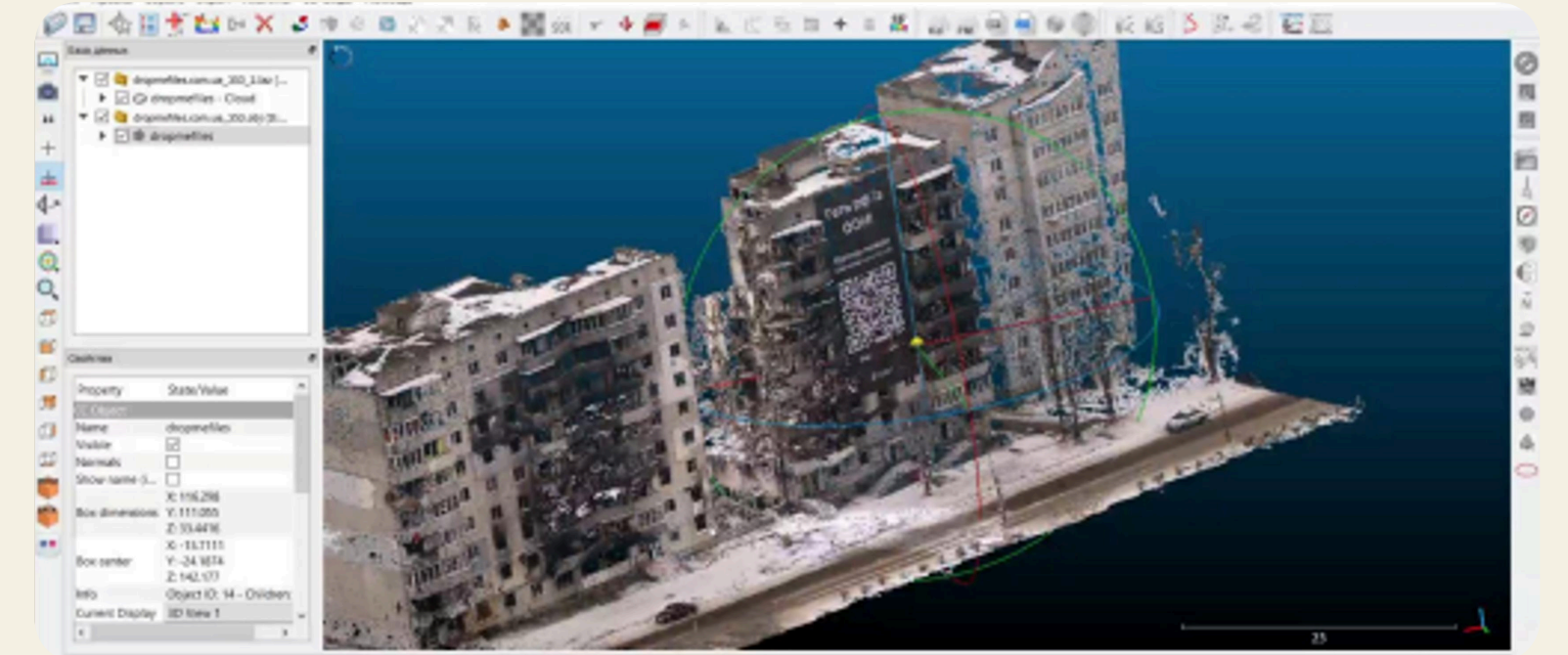
VOICES FROM THE FIELD

ROMAN DEMANIENKO

Dean of the Geodesy Department at Kyiv National University of Construction and Architecture,
Founding Professor of the Historic Preservation Project

“My wife, two small children and I, along with other residents of Bucha, underwent more than two weeks of horror and despair, fearing for our lives during constant shelling, occupation, lack of gas, electricity, water, and communication— and the absence of any understanding of what the future might hold— until finally, on March 10, an evacuation was agreed upon by the Ukrainian authorities and the occupying forces.

My education and professional activity have always been connected with construction. Engineering surveys, geodetic support for the construction of industrial and residential buildings, and scientific research in this field were my main areas of work.”



“Grateful to the Education Alliance for Ukraine for launching the Historic Preservation Program Managers course—an essential step in safeguarding Ukraine’s cultural heritage and preparing the leaders who will rebuild it.”

“My personal experience has shown me the value of electronic total stations, 3D scanners and UAVs for the technical inspection of destroyed and damaged buildings and other objects, including a Banksy mural found among the ruins.”

VOICES FROM THE FIELD

BLYZNIUKY

“We are actively rebuilding Blyzniuky, including schools, hospitals, community centers and residential buildings. **Thank you Education Alliance for Ukraine and their partner Kharkiv National Automotive and Highway University** for evaluating and planning reconstruction of key buildings which will greatly improve quality of life for our local residents.”

“We are creating a barrier-free space of opportunities at the crossroads of three regions.”

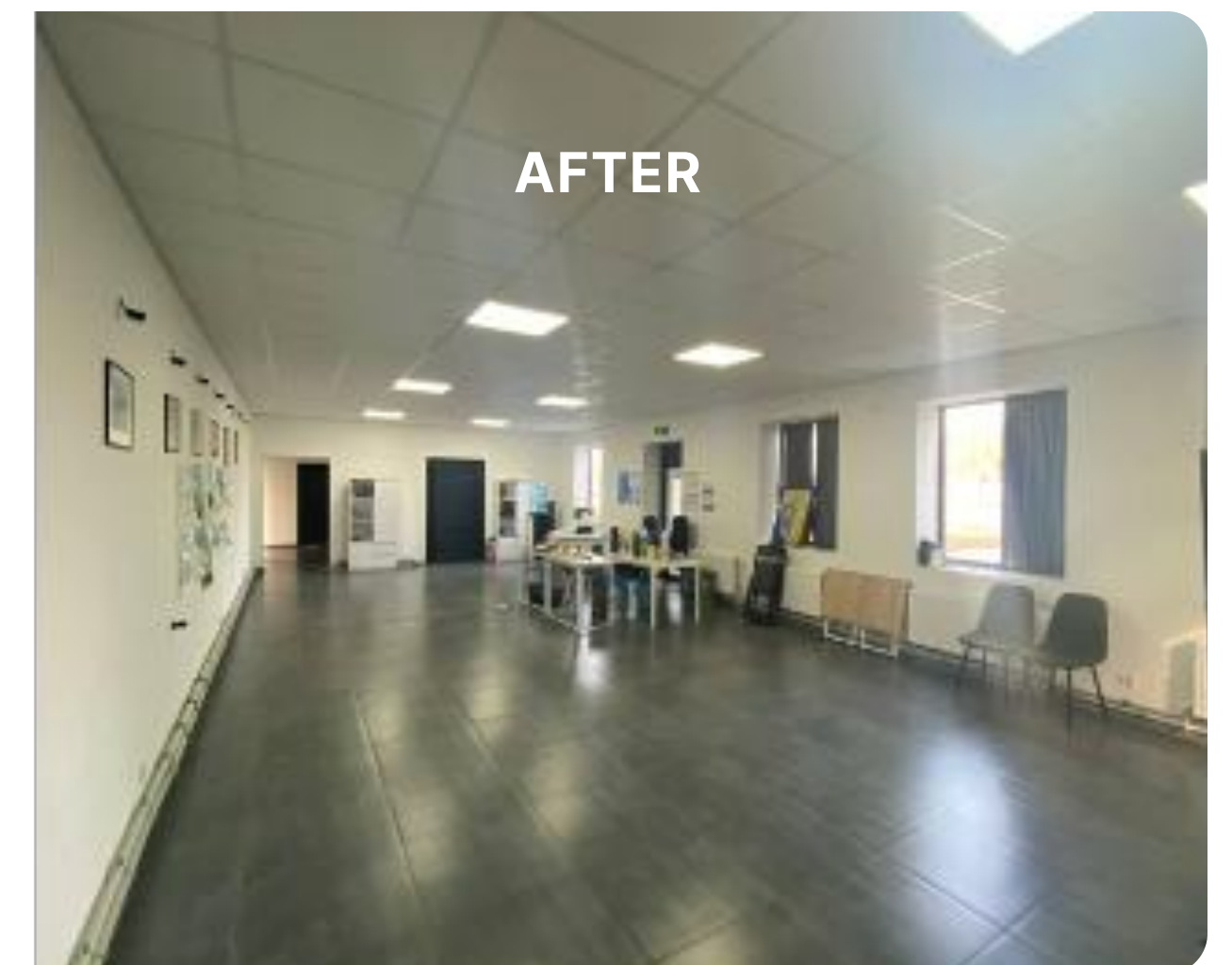


HENNADI KOROL,
MAYOR

“The Blyzniuky Community is located at the crossroads of the Kharkiv, Donetsk, and Dnipropetrovsk regions, within 50 kilometers of the front line. Our community covers an area of over 1,377 square kilometers and unites 97 settlements with a total population of 17,371 residents, plus an additional 4,065 internally displaced persons.”



BEFORE



AFTER

PARTNER SHOWCASE

LVIV POLYTECHNIC NATIONAL UNIVERSITY



"Thanks to Education Alliance for Ukraine, we're not only responding to today's challenges—we're preparing our students to lead Ukraine's recovery for years to come."

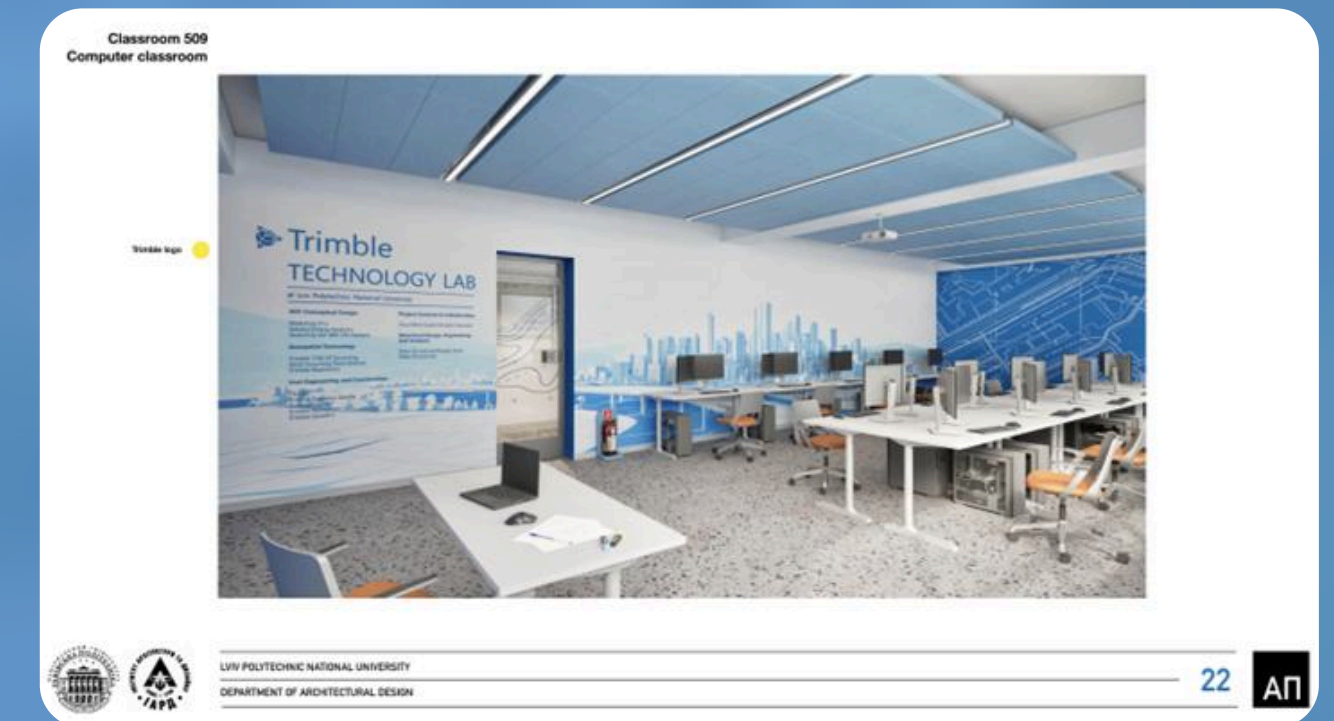
PROFESSOR NATALIYA SHAKHOVSKA,
LPNU DEAN

SCHOOL OUTREACH



Ukraine will need an estimated 500,000 construction professionals to restore the country. Key to this is attracting secondary students by introducing them to advanced technologies. EAUA has supported visits by professors and students from LPNU to 93 schools, interacting with over 3,200 teenagers.

TRIMBLE TECHNOLOGY LAB SUPPORT



EAUA delivers ongoing, on-the-ground support for the LPNU Trimble Technology Lab, including organizing a student-led design competition to shape the vision for the lab's comprehensive remodel and coordinating course development using TTL tools by other LPNU departments

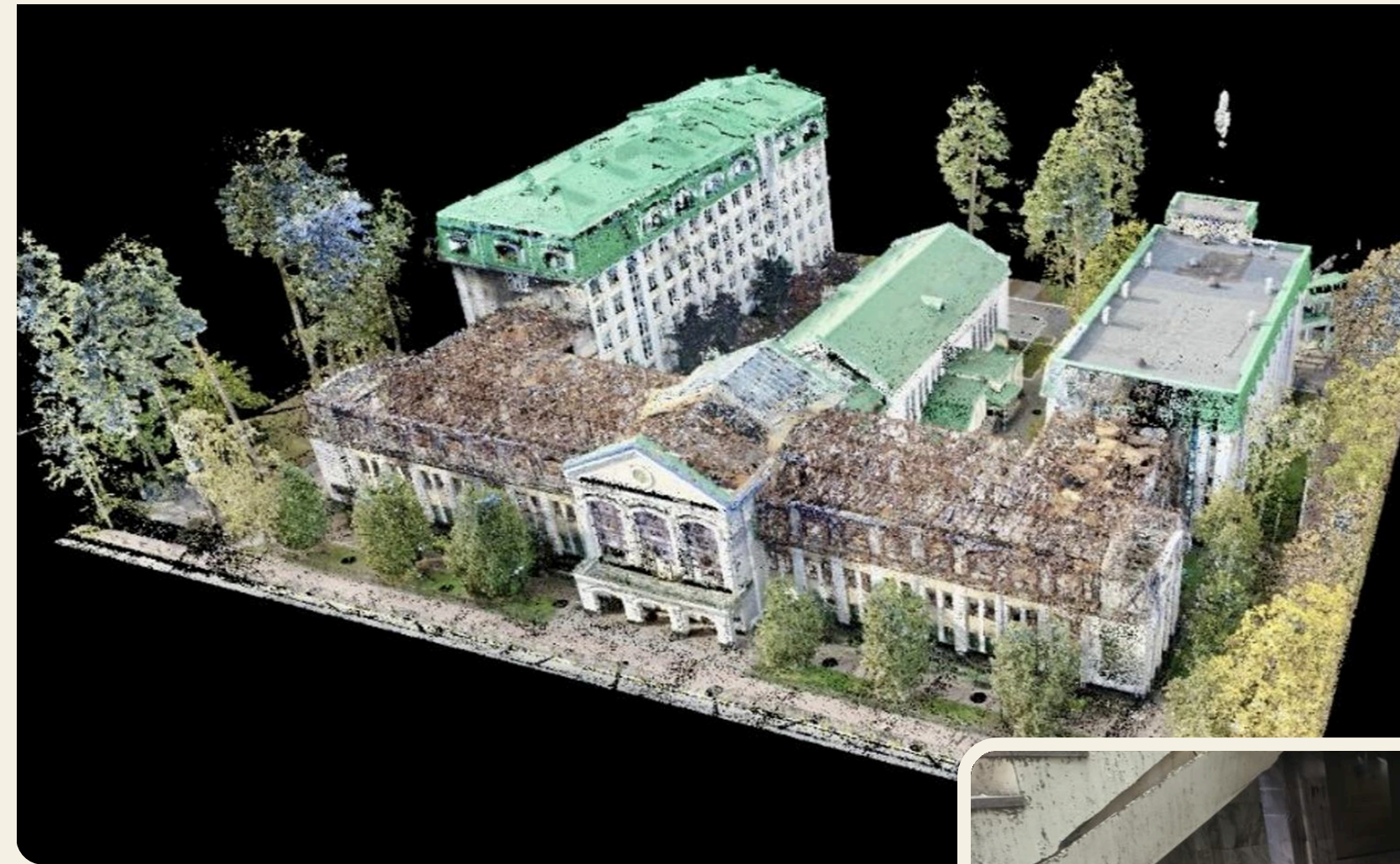
Trimble Inc was awarded LPNU "Benefactor of the Year" for 2024, and EAUA received a certificate of appreciation.

PARTNER SHOWCASE

UKRAINE STATE TAX UNIVERSITY

“We are profoundly grateful to the Education Alliance for Ukraine for their vital and ongoing role in assessing the damage to our university’s main building and supporting the design of its future replacement. As the only academic institution under the Ministry of Finance, we are poised to play a central role in Ukraine’s national reconstruction.”

DMYTRO SEREBRIANSKY, UNIVERSITY DEAN



Learning Beneath the
Trees

Dathe Wong
Stantec Architecture

Canada

STU INTERNATIONAL
ARCHITECTURAL COMPETITION

INSTITUTIONAL PARTNERSHIPS

Accelerating Recovery Through Workforce Development and Digital Innovation

Education Alliance for Ukraine continues to work closely with Ukraine's **Ministry of Education and Science** to establish high-impact workforce development programs

We are partnering with the **State Agency for Infrastructure Restoration and Development** on high-priority initiatives, including the construction of **50,000 social housing units** for veterans, displaced families, and individuals with life-changing injuries.

We're working with the **National Oil and Gas University** to position it as a national leader in advancing Ukraine's role in the U.S.–Ukraine Critical Minerals Partnership.

We will help **Lvivvodokanal** create a cutting-edge water utility training center, **H2Oenspace**, equipping public utility workers from across Ukraine with the tools and skills needed to rebuild Ukraine's essential infrastructure.



With Dmytro Zavgorodnii, Deputy Minister of Education and Science



With Serhii Sukhomlyn, Head of the Agency for Restoration



With Ihor Chudyk, Dean of the National Oil and Gas University



With the leaders of **Lvivvodokanal** discussing the national training center for Ukrainian water utilities, "H2Oenspace"



INSTITUTIONAL PARTNERSHIPS

GERMAN MARSHALL FUND

EAUA has been working with GMF and Howard G. Buffett Foundation for the past 18 months. We helped coordinate a “Whistle Stop” in Colorado for GMF leadership, Howard Buffett and the First Secretary of the Ukraine Embassy in the US, Kateryna Smagly, including several hours at Trimble HQ.

“German Marshall Fund has chosen Education Alliance for Ukraine as lead partner in our Capacity Building and Knowledge Sharing vertical on our Ukraine Cities Partnership program. UCP aims to equip up to three Ukrainian cities with the knowledge, capacity, and networks needed to rebuild their infrastructure, public services, transport systems, housing, and green spaces in sustainable and resilient ways, while reducing waste and pollution and celebrating local heritage.”



Howard G. Buffett

Chairman & CEO of the Howard G. Buffett Foundation

STEVEN BOSACKER
DIRECTOR, GMF CITIES
GERMAN MARSHALL FUND OF THE UNITED STATES



INSTITUTIONAL PARTNERSHIPS

STANFORD CENTER FOR INTEGRATED FACILITY ENGINEERING



In the fall of 2024 Trimble Foundation Fund gifted funds allocated to four scholarships for Ukrainian government architects and engineers to participate in the inaugural Stanford Center for Integrated Facility Engineering Virtual Design and Construction certificate program.

The implementation of this project has been delayed, but on April 17, 2025 EAU implementation partner **DOBROBAT** and **Stanford Engineering Center for Global & Online Education** signed an Agreement to begin the program in August 2025.

Education Alliance for Ukraine will coordinate the four Trimble Foundation scholarship and provide logistical support together with our local education partners.

CHALLENGES AND LESSONS LEARNED



This has been a year of deep discovery. We've gained critical insight into Ukraine's education and training systems—and how they must evolve to meet post-war realities. We've navigated government structures and built trust with ministries shaping the country's future.

We've assessed Ukraine's construction landscape from the ground up—understanding the strengths and limitations of local AEC firms and identifying where international expertise and innovation can do the most good.

We've tracked the intentions of US and European construction companies preparing to enter or expand in Ukraine—ensuring our workforce development programs align with real market demand.

We've mapped the digital construction ecosystem—identifying the technologies, people, and policies needed to accelerate the country's \$500 billion–\$1 trillion reconstruction.

The human cost is ever-present. Soviet-era bureaucracy slows progress, and communication remains a challenge—but the real burden is personal: more than a dozen professors and partners in our network have lost loved ones in the war.

Every day, Ukrainian cities are under siege. An average of 150 drones and 10–20 ballistic missiles target civilian areas daily. Yet through this, our teams keep teaching, training, and building—because they believe in Ukraine's future. So do we.

LAUNCHING OUR STRATEGIC PARTNERSHIP JOURNEY



ADVANCING THE MISSION, WITH YOUR CONTINUED SUPPORT

We will contact you soon to discuss advancing several of these high-priority initiatives now ready for scale.



WITH VOLODYMYR SAVELYOV,
HE HAS A MASTERS DEGREE IN DESIGN,
NOW LEARNING TRIMBLE SKETCHUP

HISTORIC PRESERVATION PROGRAM MANAGERS

Continue this successful 380-hour program training leaders to survey damaged buildings and plan their restoration. There are over 300,000 buildings and infrastructure objects to be evaluated.

HOMES WITH A PURPOSE: PROJECT MANAGEMENT LEADERSHIP TRAINING FOR SOCIAL HOUSING CONSTRUCTION

Together with **Bechtel**, strengthen the national Social Housing initiative by training and equipping project managers from the **State Agency for Restoration** bringing precision and efficiency to a \$3B effort to house veterans and displaced families.

THE NEXT MISSION: CONSTRUCTION TECH FOR VETERANS

In partnership with **Lviv National Polytechnic University** and **Unbroken**, and using Trimble hardware and software at the Trimble Technology Lab, launch certificate programs in surveying and design, aimed at veterans, including those with life-changing injuries.

TRADES SKILLS FOR IDPs

With **Bechtel, Mercy Corps, and Hilti**, create workforce training programs in at local educational institutions in Eastern Ukraine.

GERMAN MARSHALL FUND UKRAINE CITIES PROGRAM

Lead the design and delivery of workforce and institutional development programs to power the revitalization of Khorosten, in coordination with potential prime contractors **AECOM and KBR**.

HILTI CONSTRUCTION INNOVATION LABORATORIES

Open 10 training centers at leading universities, college and vocational-technical schools in partnership with **Hilti, Ukraine Ministry of Education and Science**, and **Kyiv National University of Construction and Architecture**.

STRATEGIC MINERALS SKILLS PARTNERSHIP

Work with **Ivano-Frankivsk National Oil and Gas University**, to align with the historic US-Ukraine Agreement on Natural Resources Development. This initiative will help train the next generation of Ukrainian engineers and natural resource leaders.

DIGITAL CONSTRUCTION SPECIALIST

Working with **Ukraine National Institute for Infrastructure Development**, we are creating a new federal job classification — ‘Digital Construction Specialist’ — a critical milestone in building a modern, tech-enabled workforce equipped for Ukraine’s reconstruction.

MASTERS IN INTERNATIONAL FINANCE

With **Ukraine State Tax University and international partners**, launch an 18-month Master's in International Finance work/study program—designed to prepare the financial specialists urgently needed to lead and manage Ukraine’s recovery and reconstruction.

US ARMY CORPS OF ENGINEERS (USACE)

Work with USACE to develop skills and capabilities for their Ukrainian counterpart **State Special Transport Service**. The organizations signed a Cooperation Agreement recently at the Ukraine Recovery Conference.