



DEVELOPMENT PHILOSOPHY OF STATE UNIVERSITY OF ECONOMICS AND TECHNOLOGY IN START-UPS AND PROJECTS

[#StandWithUkraine](#)



STATE UNIVERSITY
OF ECONOMICS
AND TECHNOLOGY

duet.edu.ua



MANAGERIAL CONCEPT "UNIVERSITY-PROCESSES-PRODUCTS"

PROCESSES



STUDENTS



EDUCATIONAL PROGRAMS



INSTITUTIONS



PROFESSIONAL COLLEGES



EDUCATIONAL LEVELS



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**SUSTAINABLE
DEVELOPMENT
GOALS**



THE STATE UNIVERSITY OF ECONOMICS AND TECHNOLOGY

PRODUCTS

BASIC PROFESSIONAL COMPETENCIES (HARD SKILLS I SOFT SKILLS)

- Bachelor's Qualification ("Professional Junior Bachelor", the "Bachelor's educational degree")
- "Master's Qualification (the "Master's educational degree")
- Doctor of Philosophy (PhD)

SUPER-PROFESSIONAL COMPETENCIES

- International academic mobility of students and staff
- Informal education (trainings, workshops, master classes, short courses)
- Certificate programs
- Joint studies
- Internships
- University sports (strategic partner of FC "Kryvbas")
- Concept "Art Institute" (development of creative skills)

SOCIAL RESPONSIBILITY AND INFORMATION COMMUNICATION "Legal Clinic"

- Legal clinic
- Centre of psychological help and social adaptation
- Centre of veterans' development
- Third-age University
- Inclusive and partner education
- Concept project "Open University (coworking, hubs, popularization of mass sports/healthy way of life, open lectures and communal space)"
- Informational content (website / telephony / mailing / e-workflow / social media / public relations)

MANAGEMENT OF PERSONNEL AND BUSINESS PROCESS

- Diversification of income sources
- Education quality standards
- Career development
- Motivation
- Responsibility centers concept
- Grants, charitable contributions, attracting other sources of income

CLIENT-ORIENTED COOPERATION

- Formation of educational plans on the order of business structures (including the licensing of professions)
- The concept's realization of dual education or "the parallel learning", beginning with the "bachelor's", "master's" educational degrees (the correlation of the "learning process - practice" 5: 1 or 3: 3)
- Open format of the current and final control of students' knowledge
- Opportunities for realization of the corporative educational programs at the University
- Packages of the individual proposals of the educational / scientific / commercial products (within the limits of the Resolution List of the Ukraine Cabinet of Ministers № 796) – the concept "University of the Entrepreneurship Type"
- Financing programs for training of professionals / the realization of SRW

SCHOOL CAREER ENGINEERING

- Cooperation with academic lyceums
- Training courses for teachers and pupils
- Annual events matrix
- STEM-education
- Participation in Ed Camp line of events

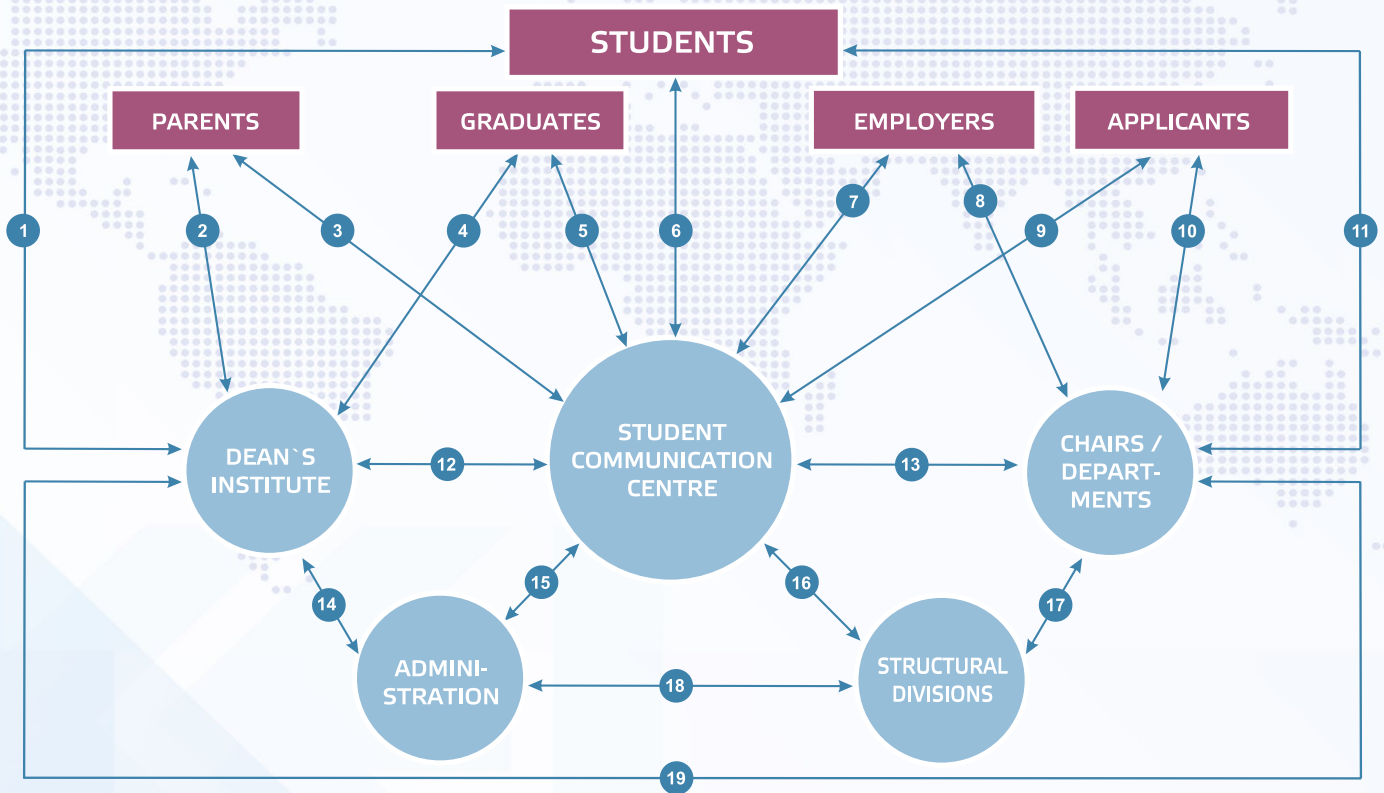
YOUR NEW UNIVERSITY

STRUCTURAL UNIT	SPECIALTIES	BACHELOR	MASTER	MASTER'S PROGRAMS	PhD
 IEBO INSTITUTE OF ECONOMICS AND BUSINESS EDUCATION	MANAGEMENT	●	● ●	Management Management of Business Administration (MBA)	●
	MANAGEMENT OF SOCIO-CULTURAL ACTIVITIES	●			
	MARKETING	●	●	Marketing	
	ECONOMICS	●	●	Economics	●
	ACCOUNTING AND TAXATION	●	●	Accounting and taxation	
	FINANCE, BANKING, INSURANCE AND STOCK MARKET	●	●	Finance, banking, insurance and stock market	
	ENTREPRENEURSHIP AND TRADE	●			
	COMPUTER SCIENCES	●			
	INTERNATIONAL RELATIONS		●	International communications	
	INTERNATIONAL COMMUNICATIONS AND JOURNALISM	●			
	INTERNATIONAL ECONOMIC RELATIONS	●	●	International economic relations	
 Ti TECHNOLOGICAL INSTITUTE	INDUSTRIAL MACHINERY ENGINEERING	●	●	Industrial machinery engineering	●
	METALLURGY	●	●	Metallurgy	
	ELECTRICAL ENERGISTICS, ELECTRICAL ENGINEERING AND ELECTROMECHANICS	●	●	Electrical energetics, electrical engineering and electromechanics	
	AUTOMATION, COMPUTER-INTEGRATED TECHNOLOGIES AND ROBOTICS	●	●	Automation, computer-integrated technologies and robotics	
	CHEMICAL TECHNOLOGY AND ENGINEERING	●	●	Chemical technology and engineering	
	MINING	●			
 OIT FACULTY OF INFORMATION TECHNOLOGY	SOFTWARE ENGINEERING	●	●	Software engineering	
 IOI LAW INSTITUTE	LAW	●	●	Law	●
	PUBLIC MANAGEMENT AND ADMINISTRATION	●	●	Public management and administration	●
	SECONDARY EDUCATION (HISTORY, LAW)	●			
	HISTORY AND ARCHAEOLOGY		●	History	
	PSYCHOLOGY	●	●	Psychology	
	SOCIAL WORK AND COUNSELING		●	Social work and counseling	

STRUCTURAL UNIT	SPECIALTY	PROFESSIONAL JUNIOR BACHELOR °
 TOK TECHNOLOGICAL VOCATIONAL COLLEGE	PROFESSIONAL EDUCATION: ELECTRICAL POWER ENGINEERING, ELECTRICAL ENGINEERING AND ELECTROMECHANICS	●
	ECONOMICS	●
	ENTREPRENEURSHIP AND TRADE	●
	SOFTWARE ENGINEERING	●
	INDUSTRIAL MECHANICAL ENGINEERING	●
	METALLURGY	●
	ELECTRICAL POWER ENGINEERING, ELECTRICAL ENGINEERING AND ELECTROMECHANICS	●
	AUTOMATION AND COMPUTER-INTEGRATED TECHNOLOGIES	●
	CHEMICAL TECHNOLOGIES AND ENGINEERING	●
	HEAT POWER ENGINEERING	●
	MINING	●
	INFORMATION, LIBRARY AND ARCHIVAL WORK	●
 OKET VOCATIONAL COLLEGE OF ECONOMICS AND TECHNOLOGY	ACCOUNTING AND TAXATION	●
	FINANCE, BANKING, INSURANCE AND STOCK MARKET	●
	ENTREPRENEURSHIP AND TRADE	●
	FOOD TECHNOLOGIES	●

° Educational program

STUDENT COMMUNICATION CENTER



1 EDUCATIONAL TRAJECTORY, ACADEMIC MOBILITY

2 TRAINING OF STUDENTS

3 STUDENT EDUCATION

4 ADMINISTRATIVE SERVICES

5 TRADITIONS, LIFELONG EDUCATION

6 ADMINISTRATIVE SERVICES

7 ADMINISTRATION OF TRAINING PROCESS, ADMINISTRATIVE SERVICES

8 EMPLOYMENT, PRACTICE

9 CONNECTION WITH REAL SECTOR

10 CAREER GUIDANCE, THE ENTRANCE CAMPAIGN

11 TRAINING, SCIENCE, PRACTICE

12 MONITORING OF TRAINING PROCESS

13 ADMINISTRATION OF TRAINING PROCESS

14 MANAGEMENT (TACTICAL)

15 MANAGEMENT (OPERATIONAL)

16 FINANCE, DOCUMENT FLOW

17 ENSURING OF TRAINING PROCESS

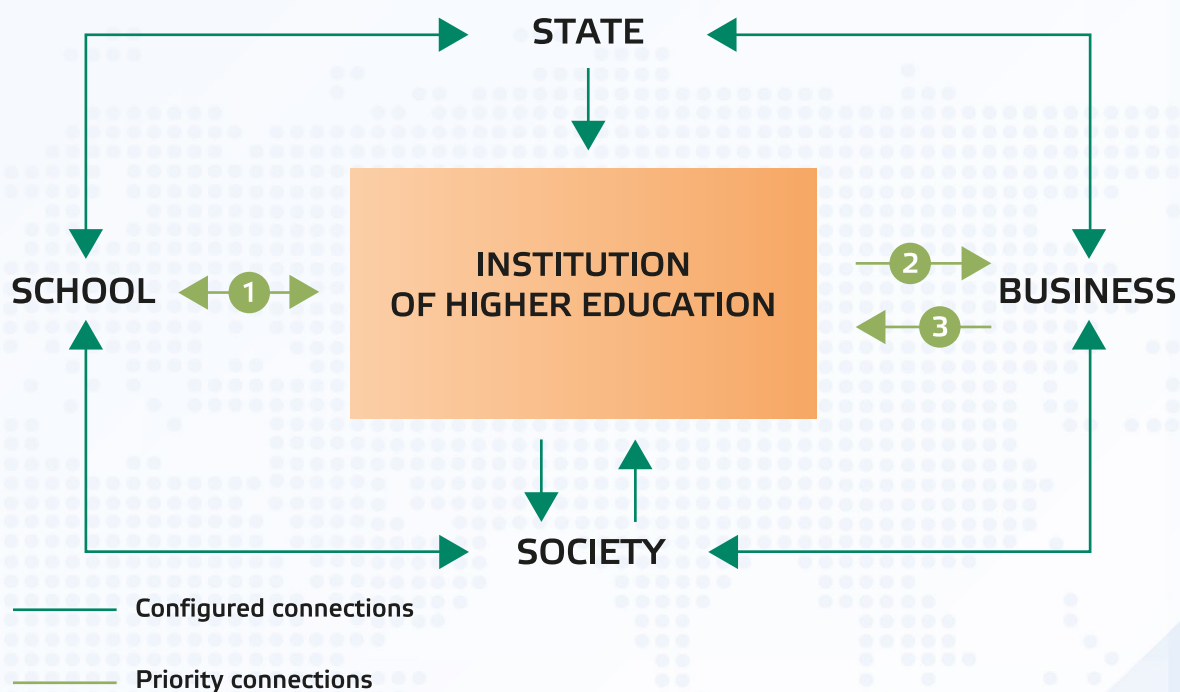
18 MANAGEMENT

19 SCIENCE, DEVELOPMENT, STRATEGY

STAKE HOLDERS
FUNCTIONS
SUBDIVISIONS

"The Institute for a student" is the concept of communications management of the STATE UNIVERSITY OF ECONOMICS AND TECHNOLOGY

ACADEMIC CHAIN OF VALUES



PROCESS

- 3 Operating at the expense of the investment package rather than taxpayers
- 2 Formation of competences for business ("business" means employers and the whole set of consumers of University products)
- 1 Creation of a roadmap for the implementation of Ukrainian school graduate potential

EXPERIENCE OF TEAM COOPERATION

IMPLEMENTED PROJECTS

- In 2025, a project was implemented to build a large shelter covering more than 600 square meters for students of DUET and the Kryvyi Rih Vocational Medical College. For this large-scale project, the Dnipropetrovsk Regional Council collaborated with German donors—the German Workers' Samaritan Aid (ASB Ukraine)—which funded the work to the tune of over 9 million UAH.

During the renovation, the premises and classrooms were refurbished, a powerful ventilation system was installed, and an elevator for people with special needs was added. Furniture for the shelter was provided by the "Angels of Salvation" Charitable Foundation.

Currently, the shelter is a fully functional educational space where classes can be held and the National Multidisciplinary Test (NMT) and the Unified State Exam (USE) can be taken, regardless of the situation.

- Cooperation with the Branch of the independent private and non-profit organization "ACTED" in Ukraine, we have been cooperating since May 2022. The total amount of assistance as of February 2024 is more than 114,000.00 USD.
- Cooperation with the Intergovernmental International Organization "International Organization for Migration" from 2018 to the present.
- Experience Participation in the project of the International Bank for Reconstruction and Development TF0A3307 dated 20.09.2016 "Overcoming the consequences of the conflict, a pilot project for recovery and capacity building". Within the framework of the project, the University team implemented a subproject "Restoration of social infrastructure for internally displaced persons, ATO participants, their families, and the disabled" in the amount of USD 133,544.70. The subproject was implemented in accordance with the rules of the International Bank for Reconstruction and Development.
- Cooperation with public organizations, humanitarian missions and charitable foundations: NGO "League of KEI Alumni" since 2014, NGO "Center for Sustainable Development and Regional Initiatives", cooperation since 2020, CO "Together with You", cooperation since 2022, CO "Proliska", cooperation since 2022, CO "Smile of Ukraine", cooperation since 2023, CO "Angels of Salvation", cooperation since January 2024.



DATA-DRIVEN CONSTRUCTION INNOVATION HUB



WHAT IS IT?

LID HUB – a cluster of the world's best center for innovation and education in the construction industry



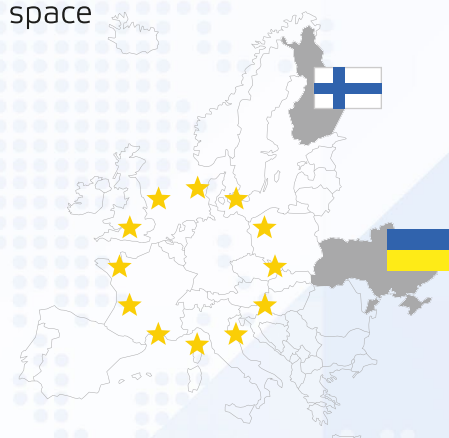
WHERE IS IT?

The city of Kryvyi Rih is an investment entry point for the central region of Ukraine



WHY IS IT NEEDED?

Driver of integration into the European space



DECEMBER 16, 2025	Workshop at Omnia Maker Space: Ecosystem-based collaboration
OCTOBER, 2025	Ukraine Improving Higher Education for Results (UIHERP)
MARCH 18-21, 2025	Expert and Support Forum on Ukraine's Recovery
MARCH 5, 2025	Submitted a joint application to the EU funding programme ERASMUS-EDU-2025 Bimpact
SEPTEMBER 19, 2024	European Design Upgrade 3.0
MAY 31, 2024	Joint webinar "Building a smart future together"
SEPTEMBER 17, 2023	SUET became the first TITAN organisation Member
SEPTEMBER 12, 2023	Presentation of the LID HUB project with Metropolia University of Applied Sciences
MAY 12, 2023	Memorandum signed SUET with Metropolia University of Applied Sciences



IMPLEMENTATION OF THE EDUCATIONAL AND RESEARCH COMPONENT OF THE LID-HUB THROUGH PARTICIPATION IN ERASMUS+ PROGRAMS, ETC.



Implemented by the State University of Economics and Technology (SUET) in Kryvyi Rih on the site of a campus destroyed by enemy strikes, it is a striking example of how a university can become an institution for shaping worldview, education, social cohesion and humanistic resistance. This project is not just a response to physical destruction, but a comprehensive strategy for recovery through values, science, innovation and cultural diplomacy.

LID HUB demonstrates how the university ecosystem becomes a 'living laboratory' for practices in a post-conflict region.

International partnerships with Aalto University and Metropolia University (Finland) open the way for joint programmes in post-conflict reconstruction, psychosocial support, urban design and digital transformation of communities.



Participation in the Erasmus+ programme allows European experience in peacebuilding (Ireland, the Balkans) to be integrated into the educational process.

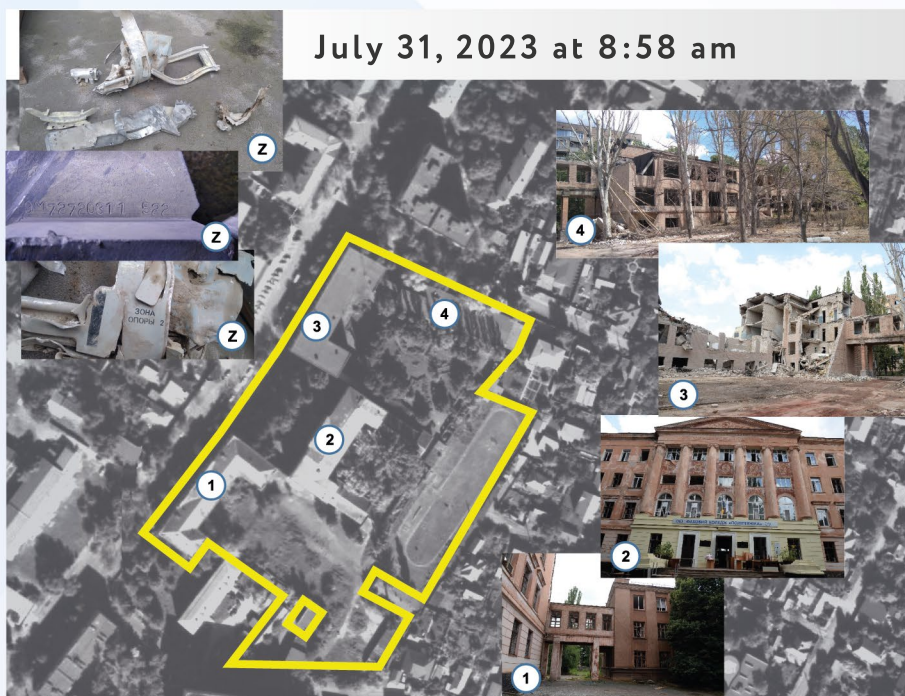


Initiatives for the reconstruction of Ukraine, presented at the Finnish reconstruction forum, are an example of how universities can not only share the pain of war, but also offer a vision for the future.



Potential Intra-Ukrainian partnerships — opening a format for internal cooperation.

HIT BY A RUSSIAN BALLISTIC MISSILE OF THE ISKANDER COMPLEX



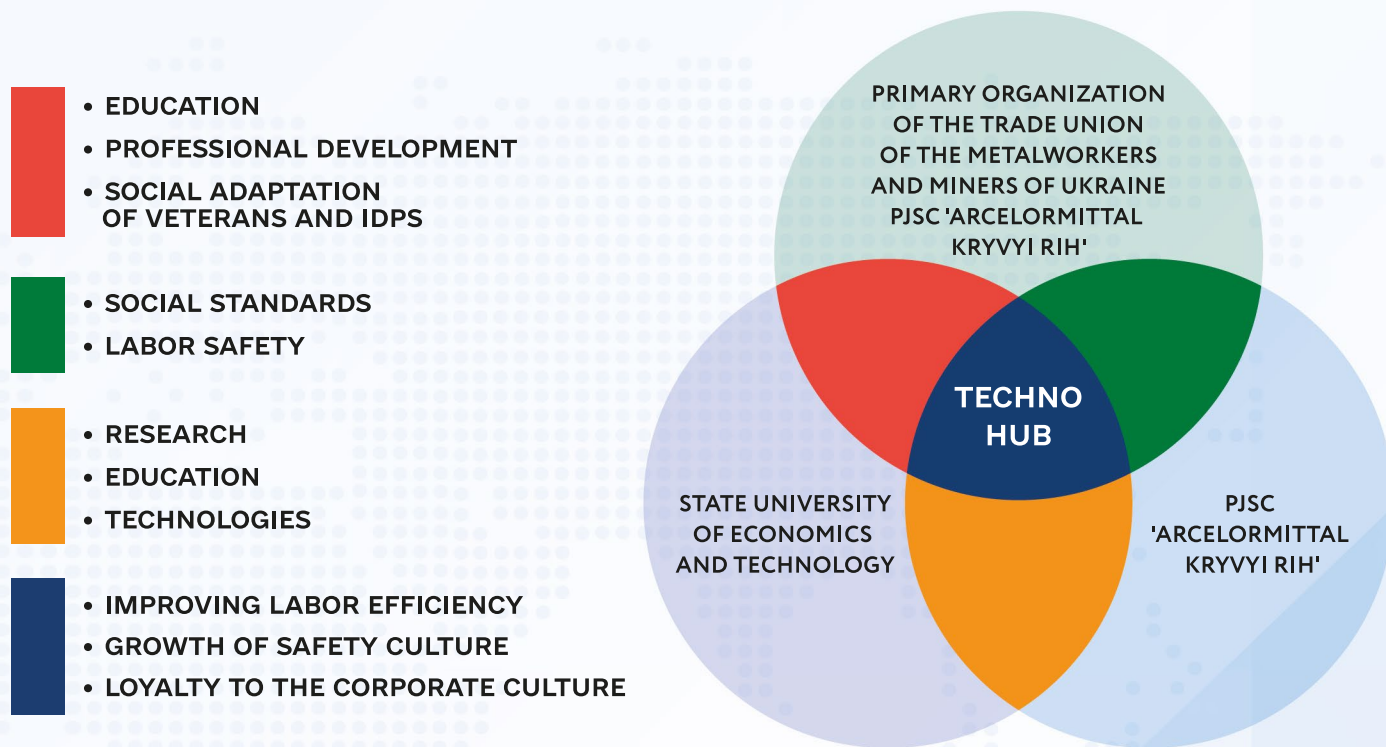
47°54'42"N 33°20'57"E

Kryvyi Rih,
Poshtovy avenue, 64-68

Legend:

- The territory of the State University of Economics and Technology and Campus, where 4 educational buildings are located
- 1 Educational building No.1
- 2 Educational building No.7
- 3 Laboratory building
- 4 Workshop building
- Z Debris from a Russian missile found at the impact site on campus

CONCEPT OF PUBLIC-PRIVATE PARTNERSHIP



TECHNO HUB – RENOVATION OF TECHNOLOGICAL INSTITUTE OF SUET



CAMPUS A AND C OF THE TECHNO HUB PROJECT

CAMPUS A functionality



- CLASSROOMS
- LABORATORY OF STANDARDIZATION, TECHNICAL MECHANICS
- LABORATORY FOR ASSEMBLY, REPAIR AND INSTALLATION OF METALLURGICAL EQUIPMENT
- LABORATORY OF LIFTING AND TRANSPORTING MACHINES AND HYDRAULICS
- LABORATORY FOR METAL PROCESSING
- LABORATORY OF BLAST FURNACE FEEDING AND LOADING SYSTEMS, BLAST FURNACE SMELTING TECHNOLOGY
- LABORATORY OF STEELMAKING PROCESSES
- LABORATORY OF MATERIALS SCIENCE
- LABORATORY OF CHEMICAL TECHNOLOGY AND ENGINEERING
- LABORATORY OF ELECTRICAL ENGINEERING AND ELECTRONICS
- LABORATORY OF MECHATRONICS
- LABORATORY OF PHYSICS

CAMPUS B, D AND DUAL-PURPOSE BUILDING (SHELTER) E OF THE TECHNO HUB PROJECT

CAMPUS C functionality



- LABORATORY FOR THE PREPARATION AND PROCESSING OF CHARGE MATERIALS OF THE MINING AND METALLURGICAL COMPLEX
- MOLDING AND CASTING LABORATORY
- LABORATORY OF SINTERING PROCESSES
- METAL PROCESSING SECTION BY CUTTING
- ASSEMBLY AREA
- WELDING AREA
- HEAT TREATMENT SECTION
- DESIGN BUREAU

CAMPUS B functionality



- CAMPUS FOR TEMPORARY ACCOMMODATION OF STUDENTS AND INVITED RESEARCHERS AND TEACHERS, DELEGATIONS

CAMPUS D functionality



- ECOSPACE (COFFEE SHOP, LOUNGE AREA)
- LIBRARY
- INNOVATESPACE (CONFERENCE HALL)

DUAL-PURPOSE functionality (shelter) E



- SHELTER
- UNDERGROUND PARKING LOT

UNITY OF THE COMPANY, TRADE UNION AND UNIVERSITY – THE NEW FACTORY PROJECT



"The New Factory is a modern industrial facility of the future with a new production culture and prospects for young people, which is designed to solve not only technological problems but also the environmental component.

PJSC ArcelorMittal Kryvyi Rih, in partnership with the State University of Economics and Technology, has been implementing an educational project for three years (since 2021), within the framework of which graduates of lyceums, colleges and university students have mastered a unique educational program at the university, funded by the company, which involves the best domestic and foreign research and teaching staff. The project has trained and is currently training specialists in shortage specialties in the real sector of the economy, namely metallurgy, industrial engineering, power engineering, electrical engineering and electromechanics, as well as automation and computer-integrated technologies.

The dual education project is an example of the development of high-tech engineering education. It is the graduates of the SUET who will form a youthful, ambitious, extraordinary and future-oriented team of specialists for the new pelletizing plant. In addition, all the students and teachers involved in the project are united in being members of the largest Trade Union of Metallurgists and Miners of Ukraine, ArcelorMittal Kryvyi Rih.



STEM & SCHOOL DAY

З Е Л Е Н І Т Е Х Н О Л О Г І І



PROJECT PARTICIPANTS

PROJECT “STEM & SCHOOL DAY”

is aimed at popularizing natural sciences by creating an exciting educational environment *using real examples from production and everyday life* to demonstrate the application of physical and chemical laws, enabling students to use theoretical knowledge through laboratory experiments, and drawing attention to science and technology

- RUDOMAIN
- STATE UNIVERSITY OF ECONOMICS AND TECHNOLOGY
- AALTO UNIVERSITY *FINLAND*
- EXECUTIVE COMITEE OF THE DOVHYNTSIV DISTRICT COUNCIL
- KRYVYI RIH LYCEUM №24
- KRYVYI RIH LYCEUM №81
- KRYVYI RIH LYCEUM №129



РУДОМАЙН



ДЕРЖАВНИЙ
УНІВЕРСИТЕТ
ЕКОНОМІКИ
І ТЕХНОЛОГІЙ



Aalto University



Довгинцівський
район



SUET ACADEMIC BENCHMARKING IS THE FOUNDER OF THE INTERNATIONAL SCIENTIFIC CONGRESS «SOCIETY OF AMBIENT INTELLIGENCE»



ISC SAI 2026

SOCIETY OF AMBIENT INTELLIGENCE 2026

IX International Scientific Congress, Ukraine (Kryvyi Rih) – Poland (Czestochowa) – Ukraine (Kharkiv), November 16 – 20, 2026

Participation in the Congress is free of charge and is possible via prior registration

#StandWithUkraine

Register Program

Submit research Submit student

ДЕРЖАВНИЙ УНІВЕРСИТЕТ ЕКОНОМІКИ І ТЕХНОЛОГІЙ

Jan Dlugosz University in Czestochowa

RTU REZEKNE

V. N. KARAZIN KHARKIV NATIONAL UNIVERSITY

NATIONAL UNIVERSITY OF KIV-RODINA ACADEMY

ABOUT CONGRESS

01. OUR MISSION

Organization of a multifaceted platform for cooperation between the academic community and business with the aim of generating new knowledge and exchanging information on information society technologies in the context of the globalization of the digital economy.

02. WHAT WE DO?

The Congress will be organized in the format of panel discussions on specific topics, with speakers invited from academic and business circles. Implementation of the “business-universities-schools” communication format.

03. WHO SHOULD ATTEND?

Local authorities - Business community - Sustainability professionals - University community - Studentship



SAP University Alliances



In 2024, the State University of Economics and Technology joined the global SAP University Alliances program, which means a partnership with SAP.



The goal of SAP University Alliances is to develop cooperation between educational institutions and business to promote innovation and develop talents for the digital world. This is achieved by incorporating SAP software solutions into the educational process. Students and faculty are introduced to SAP software and technologies used in the field of digital business transformation, such as solutions for the Internet of Things, analytics, machine learning, and more.

SUET START-UP: CENTRE FOR PSYCHOLOGICAL ASSISTANCE AND SOCIAL ADAPTATION

Coordination Centre for assistance to Members
of the Anti-Terrorist Operation in Eastern Ukraine and members of their families

2014

Support for the reintegration of veterans in Eastern
Ukraine conflict and their families

Training and employment of participants
in the anti-terrorist operation in Eastern Ukraine/
Joint Forces Operation and IDPs

Psychological assistance

Legal advice

Patriotic education

Museum of the Revolution of Dignity and Armed
Conflict in Eastern Ukraine

Project activities

Joint project with the United Nations
Migration Agency (IOM)

Project of the Ministry of Reintegration
of the Temporarily Occupied Territories
of Ukraine supported
by the World Bank №TF0A3307
"Development of the Center for Psychological
Assistance and Social Adaptation of IDPs
and ATO Veterans"

2017-2020

State University of Economics and Technology - Socially Responsible Institution of Higher Education

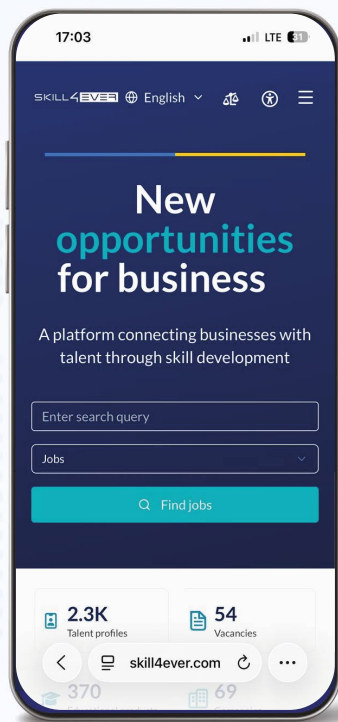
Implementation of current projects and measures aimed at overcoming the consequences of military
aggression by the Russian Federation



skill4ever.com

Skill4ever

Skill4ever creates new opportunities



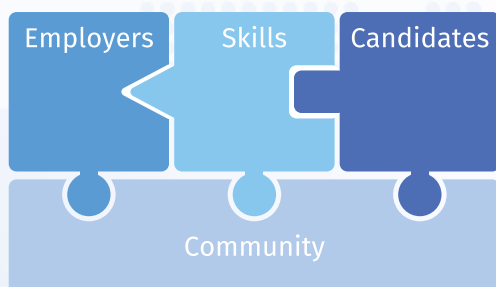
- **combines** candidate selection with the development of their skills.
- **reduces** the time needed to find the best educational programs for job candidates and college applicants.
- **offers** a new recruitment technology based on the European Classification of Skills, Competences, Qualifications, and Occupations (ESCO) skill profiles.
- **adheres to** hiring standards in line with the Sustainable Development Goals (SDGs).



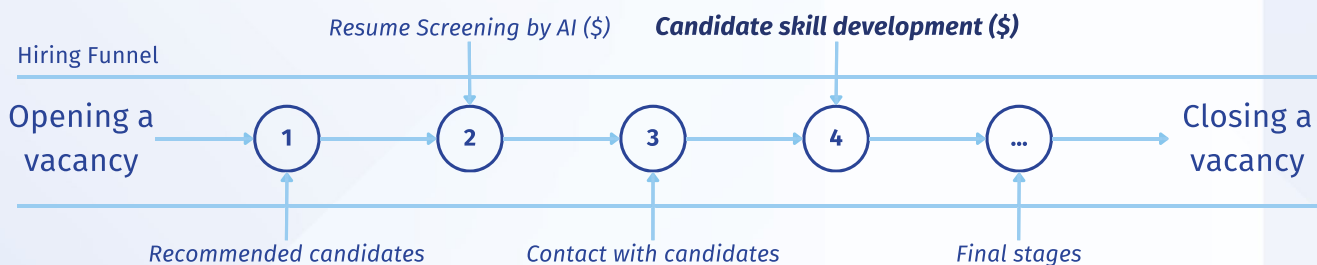
European Commission

SUSTAINABLE DEVELOPMENT GOALS

Hiring Must Change as Well



- ◆ Fill vacancies faster with Skill4ever.
- ◆ We are combining job-matching and skill-matching.
- ◆ Companies accept candidates who are willing to learn the necessary skills.
- ◆ Candidates will be prepared for job vacancies based on their skills.
- ◆ Trainers sense market demand and develop the necessary skills



SKILL4EVER



New Hiring Standards

SKILL4EVER Hiring funnel

AI & Automation Specialist, New-York

New 15 > To contact 4 > Skill development 4 > Interview 3 > Accepted 1 > Rejected 0

Candidate resume screening

Job match percentage: 92%

(Olivia demonstrates strong analytical thinking, advanced technical proficiency, and a creative approach to automation challenges. Her academic engagement shows curiosity and long-term motivation.)

Olivia Parker Looking for a job Studying

Machine Learning Engineer

Expected salary: 15 000 - 20 000 \$ / month

Age: 28 years

Location: USA

Desired type of employment: Full-time

Desired work format: Remote

Desired place of work: New-York, San Francisco

Technology for web scraping resumes from job search websites

Screening of selected candidates' resumes

Candidates are ranked for vacancies based on their skills

Optimization of time spent selecting the best candidates for a vacancy

The graphic materials of persons were generated using the service <https://thispersondoesnotexist.ai>



This is already a reality for you

SKILL4EVER Hiring funnel

AI & Automation Specialist, New-York

New 15 > To contact 4 > Skill development 4 > Interview 3 > Accepted 1 > Rejected 0

Candidate skill development

Job match percentage: 92%

Completed skills percentage: 33%

Skills gap: Data-Driven Recruitment, Employer Branding Strategy, Advanced Interview Techniques, Diversity & Inclusion Management, HR Automation Tools, Change Management in Organizations, Coaching & Feedback Skills

Data-Driven HR Management Course, Certificate, Online

Dr. Emily Johnson, PhD in Organizational Psychology

Employer Branding & Talent Marketing Training, Certificate, In-person

Michael Torres, Senior Employer Brand Consultant

Leadership, Coaching & Change Man... Training, Certificate, Online

Sarah Bennett, Certified Leadership Coach (ICF)

Calculation of skills matching for a vacancy and dynamics of their development

Selection of personalized offers from the **marketplace of skills** to develop candidates' skills

Selection of priority trainers by the company

The graphic materials of persons were generated using the service <https://thispersondoesnotexist.ai>



SKILL4EVER

LABORATORY FOUNDATION

- **Laboratory of preparation and processing of charge materials of the mining and metallurgical complex**
Carrying out scientific and research work on the optimization of the design, dynamics and reliability of mechanical equipment for the preparation and processing of charge materials of the mining and metallurgical complex
- **Metal forming laboratory**
Carrying out research of metal forming processes
- **Agglomeration and steel-making processes laboratory**
Modeling of sintering processes of charge materials. Investigations of thermal processes in steel-making by the method of physical modeling using low-temperature solutions
- **Charging circuit blast-furnace and technology blast-furnace smelting laboratory**
Study of the processes related to the distribution of charge by charging it into melting units
- **Materials Science laboratory**
Study and analysis of the macro- and microstructure of metals and alloys
- **Molding and foundry laboratory**
Research and modeling of foundry production processes
- **Chemical technologies and engineering laboratory**
Conducting research related to determining the characteristics of coal and their properties depending on the composition.
- **DUET H2Tech.**
Laboratory for the development of hydrogen technologies for various industries



DIRECTLY SCIENTIFIC RESULTS

Development of vibration machines, technological processes and equipment for the preparation of raw materials used in various processes of the mining and metallurgical complex

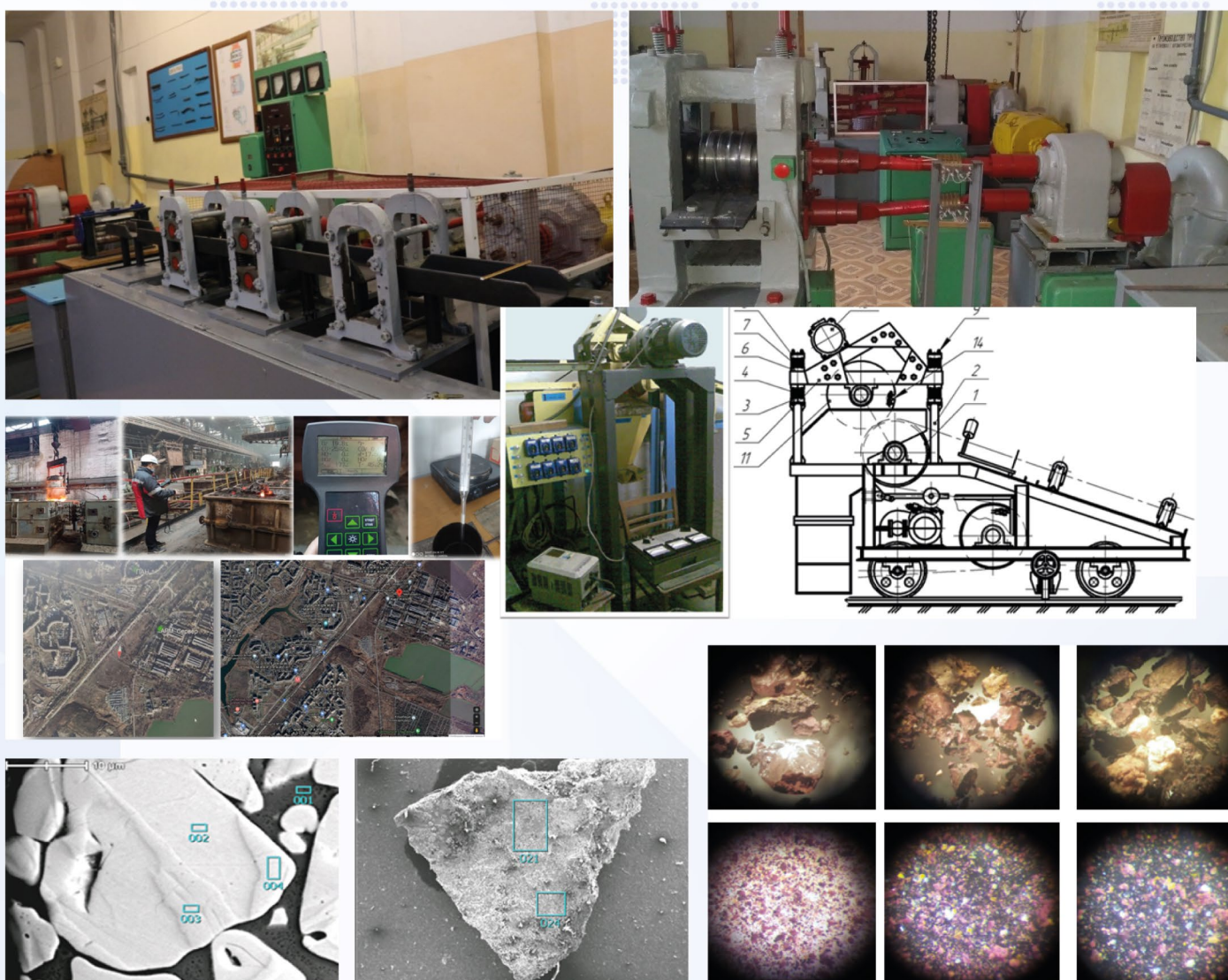
Recycling of industrial and household waste

Theoretical research on the technology of combating the freezing of raw materials

Theoretical research on the technology of iron and steel smelting, electrometallurgy of steel and ferroalloys, electrothermy of inorganic materials, foundry production, continuous casting of steel, metal forming

Modeling and system engineering of self-operated control for technological complexes and processes, software and hardware components of industrial automation equipment, development of digital control systems for electric drives for the mining and metallurgical industry

Ecological monitoring, industrial sanitation, electrical safety



GENERAL PARTNERS



CHARITABLE FOUNDATION



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AND TECHNOLOGY



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