

PARTNER IDENTIFICATION FORM

ZAPORIZHZHIA POLYTECHNIC NATIONAL UNIVERSITY



Partner Organisation

PIC (Participant Identification Code) *	969364457
OID (Organisation Identification) *	E10212607
Full legal name (National Language) *	Національний університет «Запорізька політехніка»
Full legal name (Latin characters) *	ZAPORIZHZHIA POLYTECHNIC NATIONAL UNIVERSITY
Acronym	ZPNU
VAT Number	N/A
National Registration Number	02070849
Address (Street and number) *	64 Universytetska Street
Country *	Ukraine
Region / Province	Zaporizhzhia Region
Post Code *	69063
City *	Zaporizhzhia
Website	https://zp.edu.ua
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PROFILE

Type of Organisation *	Higher Education Institution
ECHE number (universities only)	N/A
Erasmus+ Accreditation number	N/A

Is the organisation a public body? *	☒ YES	☐ NO
Is the organisation a non-profit? *	☒ YES	☐ NO
Is the organisation a social enterprise?	☐ YES	☒ NO

ACCREDITATION & EU FUNDING EXPERIENCE

Has the organisation received any Erasmus+ accreditation?	☐ YES	☒ NO
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Has the organisation previously received or applied for EU grants?	☒ YES	☐ NO
Is the organisation a newcomer to EU-funded projects?	☐ YES	☒ NO

SOCIAL MEDIA

Facebook account	https://www.facebook.com/nuzaporizkapolitekhnika
Instagram account	https://www.instagram.com/nuzp_official
LinkedIn account	https://www.linkedin.com/company/national-university-zaporizhzhia-polytechnic/

BACKGROUND AND EXPERIENCE

Short Presentation of the Organisation

Zaporizhzhia Polytechnic National University is a modern multidisciplinary, innovation-oriented scientific and educational complex in the southeastern region of Ukraine. The institution's history dates back to 1900, when a seven-year technical vocational school was established. For over 125 years, the university has remained committed to its core mission of educating new generations of professionals, driving industrial development and bolstering the economic potential of the Zaporizhzhia region and Ukraine.

The university focuses on training specialists and conducting research in various sectors, including materials science, mechanical engineering, electric power industry, metallurgy, transportation, aircraft engine construction, and computer technology, Economics, Law, Political Science, Automation, Avionics, Sociology, Psychology, Cyber Security, Tourism, Physical Therapy, Occupational Therapy, etc.

As of today, the university is characterized by the following indicators:

- Over 10,000 students;
- More than 650 academic and teaching professionals, including over 360 lecturers with science degrees and science titles;
- 29 persons have honored ranks of distinguished scientists and education workers;
- 12 faculties covering a wide range of specialties and educational programs;
- 55 departments, including the military training department.

The university actively develops scientific activities and collaborates with international educational institutions. It also provides a modern material and technical base for training highly qualified specialists.

Today, the university is pursuing an active policy of synergy between education, science and international activities. We generate new knowledge, satisfy the demands of regional business and government bodies for high-quality scientific research, develop human capital and fulfill an important social city-forming mission.

In terms of the commercialization of scientific activity, the number of successful projects and grants, as well as the efficiency of the use of capital investments, the Zaporizhzhia Polytechnic National University demonstrates a stable positive dynamics among universities in Ukraine.

Cooperation of the Zaporizhzhia Polytechnic National University with Communities, Authorities, and in the Field of Scientific Research

The Zaporizhzhia Polytechnic National University is a leading multidisciplinary higher education institution in south-eastern Ukraine that combines engineering, economics, management, and social sciences. The university's mission is to support regional development, foster innovation, strengthen human capital and advance digital transformation. The university plays a pivotal role in enriching the educational landscape, bridging the gap between science and business, and promoting the sustainable recovery of Ukrainian regions in the post-war era.

Cooperation with Authorities and Local Communities

The university actively develops partnerships with public authorities, local self-government bodies, territorial communities, and civil society organizations. It serves as a strategic partner of the Zaporizhzhia Regional State Administration, the Zaporizhzhia City Council, and other regional communities. Joint initiatives focus on municipal digitalization, human capital development, social inclusion of internally displaced persons (IDPs) and veterans, and modernization of education. In order to contribute to the development of the city and the region, the university's academic and research staff are members of the Coordination Council for the Development of Small and Medium-Sized Entrepreneurship of the Zaporizhzhia City Council and participated in

drafting the long-term Vision for the Development of Zaporizhzhia until 2030 "Prosperity." Furthermore, Zaporizhzhia Polytechnic researchers and students are currently developing an MVP prototype of the "Smart City Zaporizhzhia" web portal. This will facilitate the implementation of advanced information technologies for delivering digital public services and automating essential urban processes. Additionally, the university cooperates with the Department of Veterans' Policy of the Zaporizhzhia Regional State Administration to expand access to higher education for war veterans and their families, support professional retraining, and facilitate social reintegration.

Cooperation with Business and Civil Society

The university maintains long-term cooperation with major industrial enterprises in the region, including PJSC "Motor Sich", LLC "Metinvest Holding", LLC "Green System", PrJSC "Zaporizhzhia Abrasive Plant", JSC "Ivchenko-Progress", PJSC "Zaporizhstal", LLC "Boeing Ukraine", and GS "Zaporizhzhia Cluster Engineering–Automation–Mechanical Engineering". These partnerships provide opportunities for dual education, internships, joint R&D activities, and professional development for engineers and technical staff. Zaporizhzhia Polytechnic is also a co-founder of the Zaporizhzhia Engineering Machine Building and Automation Cluster, which uniting the university with industrial companies, IT enterprises, and local authorities to promote innovation, digital technologies, and technological entrepreneurship in the region. The university collaborates with non-governmental organisations such as Community Platform and the Zaporizhzhia Volunteer Center, participating in volunteer and social programs that support war-affected populations and strengthen community resilience.

Research and Innovation Infrastructure

Zaporizhzhia Polytechnic possesses a well-developed network of research, innovation, and educational units, including:

- Science Park "Zaporizhzhia Polytechnic", created in cooperation with the Zaporizhzhia Cluster "Engineering – Automation – Mechanical Engineering" and the Chamber of Commerce and Industry;
- Academic Business Incubator, which supports young entrepreneurs during the early stages of business development by providing consulting, training, and access to intellectual and technological resources;
- Industry 4.0 Center, which promotes digital transformation, automation, and the integration of innovative technologies into industrial processes;
- European Digital Innovation Hub "ZP EDIH" — part of the EU *Digital Europe* program, offering enterprises and educational institutions access to advanced technological solutions, testing platforms, and consulting services;
- Energy Innovation Hub (EnInHub) — a division engaged in energy efficiency, smart grid technologies, and renewable energy innovation (supported by GIZ GmbH);
- Avionics Center "AVIAGRADE – Zaporizhzhia Polytechnic", specializing in the training of highly qualified aviation and technical professionals using advanced simulation and practical training technologies;
- Noosphere Engineering School, a national laboratory network that provides an effective startup platform for young scientists, integrating scientific research with entrepreneurial practice;
- Qualification Center of Zaporizhzhia Polytechnic, accredited by the National Qualifications Agency, which assesses, validates, and recognizes professional competencies acquired through formal, non-formal, or informal education.

International Cooperation and Project Experience

Zaporizhzhia Polytechnic has extensive experience in managing international educational and research projects. The university is a member of the European University Association (EUA) and the European Association of Institutions in Higher Education (EURASHE), demonstrating its commitment to European educational standards and sustainable development principles.

The university has successfully implemented several Erasmus+ Capacity Building in Higher Education (CBHE) projects, including:

- WORK4CE (2020–2023) — development of interdisciplinary competences for safe and sustainable work in the 21st century (Coordinator: Zaporizhzhia Polytechnic, Budget: EUR 962,975).
- BIOART (2017–2020) — creation of an innovative multidisciplinary curriculum in bioengineering and artificial implants (Budget: EUR 999,949).
- ALIOT (2016–2019) — curriculum development in the field of the Internet of Things (Budget: EUR 816,725).
- ISDEGO (2024–2027) — development of a Bachelor's degree programme focused on sustainable urban development goals in the transport sector (Role: Beneficiary, Budget: EUR 691,359.85).
- CC4C (2025–2027) — promotion of gender equality and prevention of gender-based violence in football through education, awareness raising, and cooperation between universities and sports organisations (Role: Beneficiary, Budget: EUR 199,276.80).
- SEDWU (2025–2028) — development and implementation of a scalable electronic document workflow system aimed at supporting the digital transformation and administrative modernisation of universities (Role: Beneficiary, Budget: EUR 791,193).
- SUNRISE (2025–2028) — strengthening the institutional capacity of Ukrainian universities and improving doctoral education to support the next generation of Ukrainian researchers and scholars (Role: Beneficiary).

In addition, the university implemented several DAAD initiatives — “Virtual Master of Data Science Collaboration”, “EuroPIM Ukraine”, and “Artificial Intelligence and Data Analysis” — as well as USAID and GIZ GmbH projects focusing on cybersecurity, energy security, and digital transformation. Under the National Research Foundation of Ukraine (NRFU) and Ministry of Education and Science grants, the university conducts research in advanced materials, additive manufacturing, and energy efficiency. Thanks to its international partnerships, the university has established cyber-physical systems laboratories, mobile and VR laboratories, and energy innovation hubs, integrating cutting-edge technologies into education and applied research.

Lifelong Learning and Professional Development

The Educational Centre, 'Education for Business and Career', is based at the university and promotes concepts of lifelong learning, professional development and entrepreneurial education. It offers certified programs, short courses, and advanced training aimed at improving employability, leadership, and digital competences among professionals, entrepreneurs, and students. The Qualification Center offers adults the opportunity to obtain or validate new professions and competencies according to the National Qualifications Framework (NQF), thereby facilitating career mobility and workforce adaptability to the demands of the modern economy.

The Zaporizhzhia Polytechnic National University possesses a strong educational, scientific, and technological capacity that ensures effective participation in national and international projects. Its integrated collaboration with government bodies, communities, businesses, and research institutions makes it a vital driver of innovation, digital transformation, and post-war regional recovery in Ukraine.

Sectoral Expertise

☒ Higher Education / Research	☒ Environmental Sustainability / Green Innovation
☒ Vocational Education & Training (VET)	☒ Urban Mobility & Smart Cities
☒ Adult Education / Lifelong Learning	☒ Advanced Manufacturing / Industry 4.0
☐ Schools / Primary & Secondary Education	☒ Social Innovation & Inclusion
☒ Youth Work & Non-Formal Education	☒ Policy & Governance
☒ Artificial Intelligence / Digital Technologies	☒ Entrepreneurship & Start-up Ecosystems
☒ Health & Wellbeing	☒ Space & Defence
☒ Culture, Arts & Creative Industries	☐ Other: N/A

LEGAL REPRESENTATIVE

i The legal representative is authorised to sign contracts and legal documents on behalf of the organisation. In the Beneficiary Portal, this person signs the Declaration of Honour.

Title	Prof.
Gender	Male
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Position / Function *	Rector
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SELECTED PREVIOUS EU-FUNDED PROJECTS

i Roles: COO = Coordinator | BEN = Beneficiary | AE = Associated Entity.

Participant (org name)	Project Ref & Title (Funding Programme)	Period (start – end)	Role (COO / BEN / AE)	Amount (EUR)	Website (if any)
ZPNU	ISDEGO Sustainable Urban Development Goals in Transport Bachelor Degree Erasmus+	2024 - 2027	BEN	691,359,85	isdego.ntu.edu.ua
ZPNU	WORK4CE Cross-domain Competences for Healthy and Safe Work in the 21st Century Erasmus+ CBHE	2020 - 2023	COO	962,975	work4ce.eu
ZPNU	BIOART Multidisciplinary Curriculum in Artificial Implants for Bio-Engineering Erasmus+ CBHE	2017 - 2020	BEN	999,949	donau-uni.ac.at (BIOART)
ZPNU	ALIoT Internet of Things: Emerging Curriculum for Industry and Human Applications Erasmus+ CBHE	2016 - 2019	BEN	800,000	alioi.eu.org
ZPNU	CC4C Creating Champions for Change	2025-207	BEN	199,276,80	
ZPNU	SEDWU Scalable Electronic Document Workflow for Universities	2025-2028	BEN	791,193	https://sedwu.eu/
ZPNU	SUNRISE Supporting Ukraine's Next generation of scholars: a project for Raising university capacity and Improving doctoral Student Education	2025-2028	BEN	-	