

Interaction of Higher Education with Science and Business in the Context of War Challenges and Sustainable Development

Viktoriia Ostapenko



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Institutional support for the interaction between education, science, and business in Ukraine

Level of regulation	Institutions	Key documents	Key areas of activity
State	Cabinet of Ministers of Ukraine	Higher Education Development Strategy 2022–2032, National Doctrine for Education Development	Formulation of strategic goals for education, science, and innovation
Sectoral	Ministry of Education and Science of Ukraine, Ministry of Economic Development and Trade	Laws on Education, Higher Education, Scientific and Scientific-Technical Activity	Coordination of educational, scientific, and innovation policy
Institutional	Universities, scientific institutions, enterprises	Local development programs, public-private partnership agreements	Implementation of joint projects, innovations, and dual education

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Key priorities of the Ministry of Education and Science of Ukraine's policy under martial law

Priority task (given the challenges of war)	Actions and mechanisms
Ensuring sustainability in learning and teaching	Constant communication with regional education departments and heads of higher education institutions
Creating safe conditions	Ensuring safe conditions for pupils, students, teachers, and lecturers
Support for internally displaced persons	Support for those who have left the country or moved to safer regions of Ukraine
Continuation of systemic reforms	Implementation of key priorities to minimize educational losses and ensure educational sustainability
International cooperation	Appeal to international partners (EU ministers) for support
	Termination of cooperation in the field of education and science with the Russian Federation and countries that supported the aggression

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Strategic objectives in accordance with the strategy for the development of higher education in Ukraine for 2022-2032

Strategic objectives	Tasks
Management efficiency in the higher education system	increasing budget funding and improving the formula for distribution based on performance results; expanding budget lending for higher education and adult education; modernizing the network, consolidating higher education institutions, supporting research universities
Trust of citizens, the state, and business in the educational, scientific, and innovative activities of higher education institutions	expanding the scope of external independent assessment, targeted placement, and competitive selection; promoting research and consulting for business by higher education institutions; creating conditions for the development of public-private partnerships in higher education; introducing effective mechanisms for detecting violations of academic integrity and procedures for bringing academic responsibility
Ensuring high-quality educational and scientific activities, competitive higher education that is accessible to different groups of the population	supporting national and international academic mobility of students, as well as sending them to study at foreign universities; providing special support to residents of temporarily occupied territories, vulnerable and disadvantaged groups of the population; creating special conditions for applicants with outstanding achievements; promoting the use of innovative technologies and the latest teaching tools in the educational process, developing research infrastructures
Internationalization of higher education in Ukraine	harmonization of higher education structures in accordance with the commitments of the member states of the European Higher Education Area; development of a national qualifications system; simplification of procedures for the recognition of foreign educational qualifications; transformation of education in the security and defense sector in accordance with NATO doctrinal approaches and principles.
The attractiveness of higher education institutions for study and academic careers	expanding cross-entry, joint, interdisciplinary, and dual programs, dual education, and other forms of education; developing general competencies, legal culture, physical activity, sports, and student competitions; development of management training programs for senior staff and promising leaders of higher education institutions (human resources reserve), training courses to support reforms; conducting communication campaigns to support reforms in the higher education system, etc.; adherence to student-centered learning approaches in the organization of the educational process.

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Key initiatives in education, science, and business during the war

Ініціатива	Organization / Program	Goal
Initiative	National Council for the Restoration of Ukraine	Define seven goals for rebuilding the education system
Plan for the recovery of education and science	Ministry of Education and Science of Ukraine	Transition to an innovative educational model for Industry 4.0
Program “Education 4.0: Ukrainian Dawn”	Ukraine–Germany	Coordinate support for small and medium-sized businesses during the war
SME Sustainability Alliance	Ministry of Education and Science of Ukraine	Commercialize scientific developments, create a platform for interaction
Project “Science for Business” Platform “Дія.Бізнес”	Ministry of Digital Transformation	Support entrepreneurs, open business centers in Ukraine and abroad

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Hubs focused on strengthening the integration of education, science, and business

Hub	Focus
Hub High-tech education (STEM, incubator)	Technology, Innovation, Education
Hub Service design of educational technologies	Design, Educational Technology
TeachHub intellectual platform	Platform, Learning
Hub Education for me – school for everyone	Inclusiveness, Accessibility
Hub Open Partnership	Cooperation, Partnership
Hub Education. Science. Personality	Comprehensive Interaction, Personal Development
Hub Innovative Management	Management, Innovation

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Thank you for your attention