

TFK programme, funded projects 2023, Call for Ukraine

Project title: Rebuilding education and research in chemistry and chemical technology in Ukraine	
Coordinator Åbo Akademi Tan-Phat Huynh, tan.huynh@abo.fi	<p>1. The aims of the project</p> <p>The aim of the project is to realize and develop planned collaboration in education and partly in research between Dnipro University of Technology (DUT) and Åbo Akademi (ÅA). The planned activities will provide fundamental support to DUT for developing and rebuilding its higher education in Chemistry and Chemical Engineering.</p> <p>2. The project activities</p> <ul style="list-style-type: none"> • ÅAU and DUT have been introducing curricula of bachelor's and master's programs, which include courses with the same name and structure. Therefore, the mobility of students with the subsequent offset of credits, as well as the improvement of courses can be implemented within certain disciplines (Analytical Chemistry, Process Engineering, Inorganic Chemistry, Physical Chemistry, Organic chemistry) depending on the academic year of students. The curriculum cooperation will contribute to a more direct exchange of information from different areas of activity of both universities, further cooperation within the framework of joint events, projects, research, pedagogic programs, etc. • During pandemic time, ÅAU has drastically developed its digital teaching method to allow continuation of teaching and learning during pandemic. The development and realization of digital teaching is highly relevant to Ukrainian students who stay in Ukraine but wish to continue their study. Regarding virtual teaching, the mobility of students and staff to Finland will, on the one hand, promote efficient information exchange between the two partners. For instance, the students can attend intensive (1-week) courses that are tailored to their needs by ÅAU staff. On the other hand, Ukrainian students and staff are encouraged to join ongoing research in Chemistry and Chemical Engineering at ÅAU connected to their interests/passion in the ÅAU's new laboratory environment. • Ukrainian students and staffs will have also chances to learn about the work-life balance system of Finland, i.e. employees work Monday through Friday, with nights and weekends free, leaving ample time for things like hobbies, socializing, and relaxing. Aurum is a modern and flexible building that has been awarded an environmental certificate with an excellent grade. It offers our staff a high-quality work environment and supports ÅAU's sustainability goals. <p>3. The anticipated results</p> <ul style="list-style-type: none"> • Knowledge gained through Ukrainian student and staff mobility benefits Ukraine for the development and rebuilding of its higher education which will be important for of the post-war development of the Ukrainian industry. • The implementation of courses and educational programs for bachelor's and master's students. This will improve existing and develop new directions of educational and scientific activities, and infrastructure provision. • Involvement of more Ukrainian universities and institutes in double-degree programme beyond the end of the project will benefits Finland
Partners Dnipro University of Technology (DUT)	

