

TRANSFER OF THE IMPROVED EDUCATIONAL ELEMENTS AND OF “THE BRIDGE” PROJECT RESULTS

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The main tasks of “The BRIDGE” project include: developing comprehensive master's degree programmes in BIM design, construction and operation of buildings and structures; establishing BIM centres at Ukrainian partner universities of The BRIDGE consortium; strengthening ties between universities and businesses to reduce mismatches between employers' requirements and the offers of higher education institutions; developing and offering holistic solutions to improve student employability in the construction sector.

Based on the outlined tasks, the priority is to train teaching staff at Ukrainian and foreign partner universities and establish cooperation with employers by concluding relevant agreements.

During the project's existence, a team of teachers from the Odesa State Academy of Civil Engineering and Architecture, who are members of the project working group, took part in three foreign internships and correlation meetings. For each of these events, roundtables were held at the academy to share the experience gained and adjust the content and approaches to teaching the courses that will form the BIM-Engineering study programme. In particular, the use of certain information packages that can become reliable tools for creating information models of buildings was reviewed. In addition, the project results and problematic issues are discussed at international and national scientific and practical conferences.

In the context of strengthening communication with stakeholders, a cooperation agreement was concluded with the leaders in the construction industry in Odesa, including BIM approaches, which allows the University to focus on the real requirements of the BIM labour market and increase competitiveness in the employment of university graduates. Active work is underway to conclude agreements on obtaining training versions of software packages among such leading companies as Lira CAD, AllPlan, etc.

Preparations are underway to enrol students in the BIM-Engineering study programme in the 2025/2026 academic year. A presentation of this educational programme was held as part of meetings with fourth-year bachelor's students. In addition, the preparation of introductory materials in the form of an approximate list of questions for the entrance exams for the programme is being completed taking into account all the necessary basic skills.