

Academic Technology Education Across Borders

EDUCATION

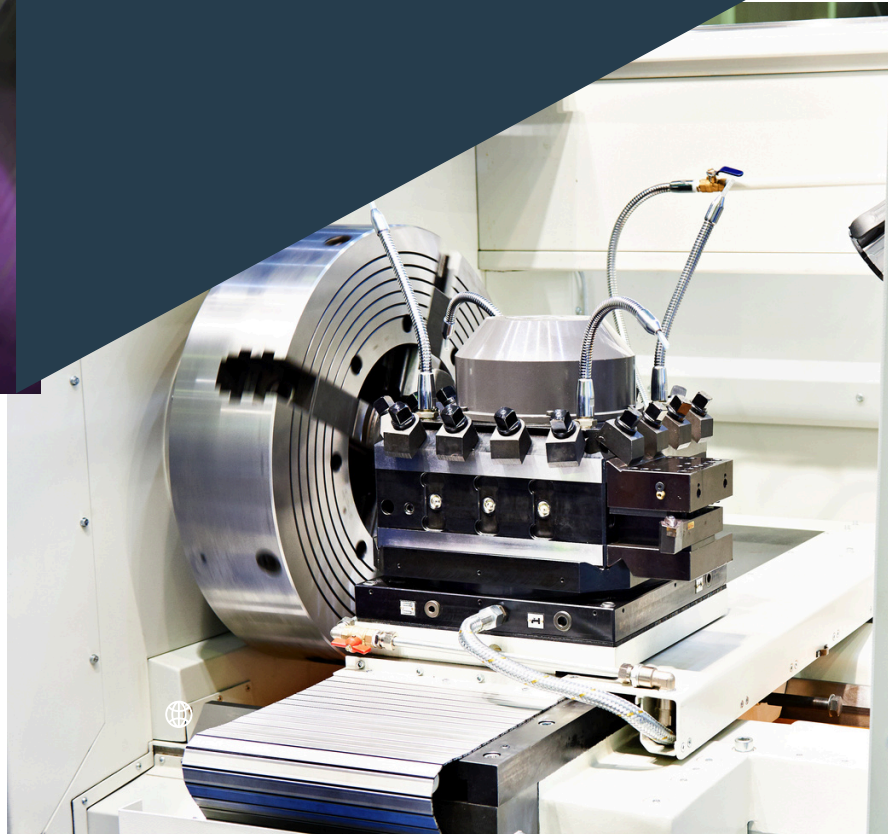
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The problem. Project's solution

High youth unemployment and a mismatch between education and labour market needs threaten long-term economic development in the Romania–Ukraine border area. This project addresses these challenges by strengthening cooperation between technical universities and industry, promoting vocational education, and providing hands-on training in CAD/CAM and CNC technologies. By aligning education with market demands, it creates better job opportunities, fosters inclusion, and supports regional growth through modern, accessible, and cross-border learning environments.



ROUA00183





EU funding 1,129,345.95 EUR

Total budget 1,254,828.85 EUR

Project Start June 2025

Project End June 2027

Cross Border Partnership

◆ Lead Partner

Ivano-Frankivsk National Technical University of Oil and Gas, **Ukraine**

◆ Partner 2

Association Academic Organization for Research, Innovation and Professional Development, Maramures county, **Romania**

◆ Partner 3

Technical University of Cluj Napoca - North University Center of Baia Mare, **Romania**

Contact details

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Who benefits from the project?

- **300 students** use the new or modernised education facilities annually
- **representatives of local public authorities**

Project Outcomes

- **1 Professional center with CNC machines and robots created** within IFNTUOG (CNC machine simulator laboratory, training laboratory on technologies with CNC machines, Computer class with CAD/CAM systems)
- **Endowment of North University Center of Baia Mare Baia Mare** (professional CNC machine tools, workstations, simulators, software, etc).
- **New functionalities of the Center of Innovative Development in Baia Mare**
- **4 training courses developed:** CAD for high school students; Work in CAM systems; practical recommendations for CNC operators, Applicative Guide in Virtual Reality
- **1 Educational Web platform**
- **1 educational conference**
- **4 Certified programs of study:** Training on CAD system, CNC machine operators, Programming of industrial robots, Five-coordinate processing on CNC machines
- **120 Certified specialists**
- **1 Joint strategy** that supports adult education and training
- **4 organisations cooperating across borders**