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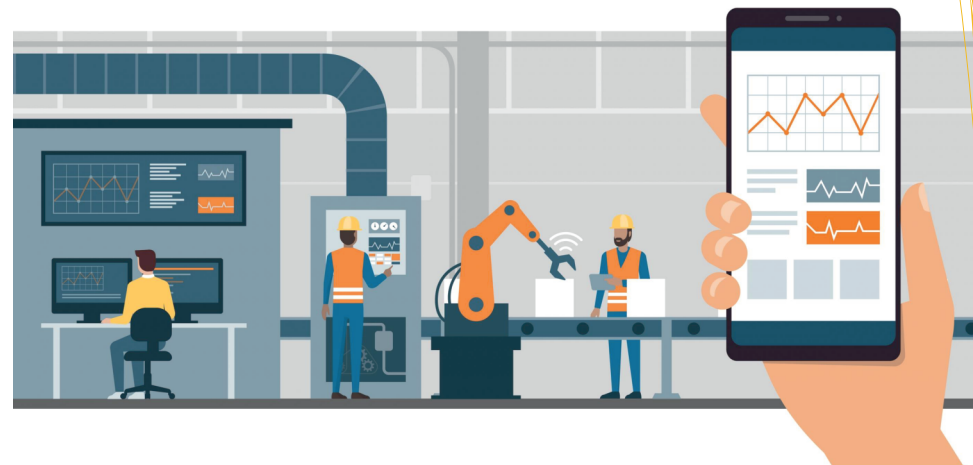
- Cluster Trakia Economic Zone, Bulgaria
- Gabrovo Chamber of Commerce and Industry, Bulgaria
- International Hellenic University, Greece
- Kavala Chamber of Commerce, Greece
- Gdansk University of Technology, Poland
- Regional Chamber of Commerce, Gdansk, Poland
- University of Nis, Serbia
- Serbian Chamber of Commerce, Serbia



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Active Learning Community for Upskilling technicians and Engineers (allCUTE) ERASMUS+

KEY ACTIVITY 2

2020-1-BG01-KA202-079042

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TARGET GROUPS

The Project Active Learning Community addresses the workforce most affected by Industry 4.0

- technicians and engineers in the sector of Machine Building and Mechatronics



PRODUCTS

Active Learning Community Platform and its mobile application as an Open educational resources database including:

- Teacher's ToolKit on Active Learning for VET purposes so as to boost VET teachers' competence;
- Curriculum for upskilling technicians and engineers in the sector of Machine Building and Mechatronics;
- 8 course materials for technicians and 6 course materials for engineers (PPT presentations, industry-related problems and additional internet resources) as open educational resources, based on blended and active learning;
- Discussion forum for peer-to-peer support;
- Assessment forms for evaluating the gained knowledge.

COURSES FOR TECHNICIANS

1. Electricity
2. Electrical Drives
3. Pneumatics and electro-pneumatics
4. Hydraulics
5. Vacuum and vacuum technology
6. Optimal use of compressed air
7. Operating CNC Machines
8. Operating automated production system



COURSES FOR ENGINEERS

1. Basic schemes in automated pneumatic systems
2. Energy efficiency in pneumatic systems
3. Hydraulics, proportional hydraulics
4. Electrical engines, complex electrical drives
5. Automated manufacturing systems
6. Quality Assurance, Quality Control and Testing