

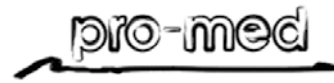
# COLED



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# COLED

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## About CoLED

The project “Collaborative Learning Environment for engineering education – CoLED” (Ref. No 2018-1-PL01-KA202-050777) is a European project implemented within the framework of Erasmus+ Programme, Key Action 2: Cooperation for innovation and the exchange of good practices. The project implementation started in October 2018 and will continue until September 2020. According to recent research, deep learning and the development of critical and higher order thinking skills only occur through interaction and collaboration. Although collaborative learning is widely known and used in different learning approaches, the concept of collaborative learning supported by the modern ICT technologies for the vocational training for the methods of successful implementation of automation solutions in manufacturing is a factor, which makes CoLED project approach innovative.

## Project objective

The general aim of CoLED project is to develop an innovative collaborative training approach including curricula and ICT online collaboration learning training solution in the field of automation for enterprises and other people interested in those areas. The CoLED project will focus on development of new dedicated ICT solutions integrated with e-Learning platform supporting of collaboration learning, positive interdependence, individual accountability, face-to-face and online promotional interaction, appropriate use of collaborative skills, group processing.

## CoLED target groups

- Entrepreneurs and employees of enterprises who want to enhance competitiveness of their companies as well as improve their qualification;
- Future entrepreneurs and students who want to develop business in manufacturing sector;
- Universities, Research centers;
- VET trainers and VET providers.



# Collaborative Learning Environment for Engineering Education – CoLED

## CoLED Project Outputs

### CoLED Teaching Methodology

Developed CoLED teaching methodology providing specific information on actual needs, requirements and preferences of the target groups created with a methodological approach to guide the users how to manage the CoLED platform and the learning materials including organization of training, group problem solving and definition of case studies.

### CoLED Guidelines

Short summarized description of the portal functionalities and training materials elaborated. The Guidelines will also function as a dissemination/marketing teaser to get the audience interested in the course.

### CoLED Collaborative Training Platform

Innovative ICT platform supporting collaborative learning, group interactions, gamification of learning (achievements), group communication, evaluation of team tasks and projects, group discussions, identification of users activity (logs system), etc.

### CoLED Automation for Manufacturing Training

Practice oriented, transferable and re-designable training and assessment resources for people interested in introducing solutions for automation and robotics.

