



AutoMatic

Development of curriculum and innovative training tools for industrial automation systems for people employed in SMEs

Programme



Project Duration

10/2009 – 09/2011 (24 months)

Project Partners

BG	Technical University Gabrovo
AT	MERIG, Multidisciplinary European Research Institute Graz
BG	European Center for Quality Ltd.
EE	Tallinn Technical University
IT	Luiss Guido Carli University

Project Description

Background

Information and communication technologies, automation and robotics have changed and are changing processes in industry. In parallel also on the scientific and vocational education level the integration of different fields like mechanics, electronics and information technologies (mechatronics) is practiced since years. Nevertheless many, especially small, enterprises have rather conservative approaches to new technologies and interdisciplinarity and thereby miss many opportunities by utilizing improved technologies. SMEs need highly qualified staff, competent in operating with new machines and in managing sophisticated production processes.

The project AutoMatic addresses the problem of low or missing overview about possibilities offered by industrial automation systems. It will adapt and develop approaches and learning materials targeted specifically to SMEs to basically qualify staff in terms of industrial automation systems.

Project Aims

The project AutoMatic will develop a training approach and respective materials and tools in the field of industrial automation systems which will be applicable in European SMEs. AutoMatic will be built upon an existing approach developed in the project 'International Curricula Of Mechatronics And Training Materials For Initial Vocational Training' for vocational schools.

Results

Training programme in different languages (English and the partner languages Bulgarian, Estonian, German and Italian)

- Training curricula for industrial automation systems targeted to SME management and staff.
- Learning tools and materials available on-line, and off-line as well as printed.