ALLIES

Digital Training Tools in Steel Structure Integrity

The Erasmus+ project, ALLIES - Digital Training Tools in Steel Structure Integrity - started in February 2022. ALLIES aims to contribute to the digital transformation of education by offering micro-credentials for ITC, through the development of new methodologies for distance and blended learning for Higher Education teachers. As well as, by providing digital environment for teaching, learning and assessment in the education process.

University din Craiova	**Romania**	Coordinator
European Federation for Welding Joining and Cutting	**Belgium**	Project Partner
Budapesti Műszaki és Gazdaságtudományi Egyetem	**Hungary**	Project Partner
Universidade de Lisboa	**Portugal**	Project Partner
Augmented Training Services, S.L	**Spain**	Project Partner
Politecnico Di Bari	**Italy**	Project Partner
Istituto Italiano Della Saldatura Associazione	**Italy**	Project Partner

ALLIES' aims can be reached through the following actions:

- Development of new postgraduate program study for improving digital and technical skills of the teachers.

- Deployment of ALLIES program study at universities participating in the project to achieve harmonized education in Europe.

- Increasing the chance for job positions for postgraduates (industrial, civil and mechanical engineers) by offering the new micro-credentials related to the integrity of steel structures using fast, distance, and blended learning in a digital environment.

ALLIES targets two different categories of target groups:

Teachers from universities and professionals (graduates of mechanical, civil, and industrial engineers) and two types of specializations: IT and steel structure integrity, to boost digital education in engineering sciences.

The ALLIES consortium consists of 4 universities, 1 umbrella organization in the field of engineering, 1 welding institute focused mainly on steel structure construction, and 1 company specializing in developing new digital learning technologies.

The expected results of the project:

- Conduct a research analysis on digital training methodologies already in use and on the needs felt by the teachers and trainers to improve their knowledge, Skills, and competencies on digital tools in the field of steel structures.

- Develop a general guide in which a series of digital tools are presented, describing its main characteristics and possible uses at a general level in blended learning and especially in the field of teaching and learning of STEM disciplines.

- Elaborate new steel structures integrity curricula based on competencies units.

- Make a transnational plan for deployment of the postgraduate program study in the HE community.

Project coordinator:

AUGMENTED TRAINING · MŰEGYETEM 1782 · IIS · U LISBOA UNIVERSIDADE DE LISBOA · Politecnica di Bari · EWF

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