Digital Training Tools in Steel Structure Integrity

The **ALLIES (*Digital Training Tools in Steel Structure Integrity*)** project has come to an end, after two fruitful years of collaboration from all project partners, we achieved our primary goal: to play a pivotal role in the digital transformation in Higher Education (HE) by empowering teachers from HE with the latest news in ITC along with innovative methodologies tailored for distance and blended learning. By introducing micro-credentials into the ALLIES curricula, we have reached another goal ensuring a culture of lifelong learning by developing a flexible and adaptable curriculum. Within the project, partners developed the following results:

TEACHERS NEEDS AND PERCEPTION ANALYSIS ON DIGITAL TRAINING

Research analysis on digital training methodologies in use and the needs felt by the teachers/trainers to improve their knowledge, skills, and competencies on digital tools in the field of steel structures.

NEW METHODOLOGIES FOR TEACHING USING DIGITAL TOOLS

General guide with a series of digital tools, describing its main characteristics and possible uses in the field of blended learning, especially in the field of teaching and learning of STEM disciplines with a special focus on steel structures.

ELABORATION OF NEW STEEL STRUCTURES INTEGRITY CURRICULA BASED ON COMPETENCES UNITS

Innovative curriculum, based on the learning outcomes approach, for providing digital competences for working with digital tools in the field of steel structures integrity.

DIGITAL LEARNING MATERIALS AND REAL-LIFE STUDY CASES

Digital educational material and digital twin for training purpose.

TRANSNATIONAL PLAN FOR DEPLOYMENT THE POSTGRADUATE PROGRAMME STUDY IN HE COMMUNITY

New teaching methodologies, competence units, and digital study cases will be introduced in national and transnational levels, developing a European harmonized methodology for implementation.

For more information and access to the project public results and resources, feel free to visit the project website at https://www.alliesproject.eu/index.html.