



Technical University of Cluj-Napoca is pleased to announce the launch of the project

***NETWORK OF EXCELLENCE IN DIGITAL TECHNOLOGIES AND AI SOLUTIONS FOR
ELECTROMECHANICAL AND POWER SYSTEMS APPLICATIONS - DiTArtIS,***

under the Grant Agreement number: HORIZON Coordination and Support Actions/HORIZON-

WIDERA-2021-ACCESS-03-01

Implementation period: 1.10.2022-30.09.2025

Digitalization is the key to fighting climate change and achieving the objectives of the European Green Deal, while contributing to the green energy transition, energy efficient buildings, sustainable transportation and industrial digital transformation. Digital technologies and Artificial Intelligence (AI) solutions can deliver operational efficiencies and reduced costs in many industries, enable the development and implementation of smart energy/transport/building systems and components, increase the connectivity of people and systems.

The mission of DiTArtIS project is to align the research activity at Department of Electrical Machines and Drives, Faculty of Electrical Engineering to the digital transformation trends and reduce the gap between UTCN and the twinning European leading institutions: TECHNISCHE UNIVERSITEIT EINDHOVEN, THE NETHERLANDS; UNIVERSITY OF VAASA, FINLAND; UNIVERSITAT POLITECNICA DE VALENCIA, SPAIN; SIEMENS INDUSTRY SOFTWARE SRL, BRASOV, ROMANIA, TAJFUN HIL DRUSTVO SA OGRANICENOM ODGOVORNOSCU ZA ISTRAZIVANJE, PROIZVODNJU, TRGOVINU I USLUGE NOVI SAD, SERBIA.

Strengthen the research and innovation excellence of the beneficiaries as well as enhance the digital skills of their staff will be done through building teams of excellence to derive new ideas and tackle challenges, to ensure that the members of the consortium will sustainably increase scientific excellence and innovation capacity in the field of electromechanical and power systems applications (EMPSA), by integrating digital technologies and AI solutions and techniques.

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