



**PROJECT ACRONYM AND TITLE:** LEAP: unLocking carEer potentiAl with comPlex systems, data analytics and machine learning

**FUNDING PROGRAMME:** Erasmus+

**Action:** KA220 - HED Cooperation partnerships in higher education

**CALL:** 2023

**HOST DEPARTMENT/CENTRE:** European Centre for Living Technology

**COORDINATOR:** Professor Guido Caldarelli

**GRANT AGREEMENT NUMBER:** 2023-1-EL01-KA220-HED-000166184

**FINANCIAL DATA:**

Project total costs: Overall funding assigned to UNIVE:

€ 400,000.00

€ 80,000.00

**PROJECT SUMMARY:**

According to statistics, there is a high demand for specialists in ICT emerging technologies (Complexity, Complex Systems, Data Analytics, ML, etc.) in the EU, but the supply is low. LEAP aims to equip learners with in-demand ICT skills, bridging the gap between industry and academia by offering a flexible and inclusive learning approach. The project aims to develop and offer learning content that is efficient, inclusive and pertinent to the current state of the ICT labour market. The curriculum focuses on complex systems, statistics, data analytics and machine learning, with an experiential pedagogical approach that fosters transferable and forward-looking skills.

LEAP aims at bridging the gap between industry and academia by offering flexible and inclusive outcomes-oriented and student-oriented learning, integrating Complex Systems, Data Analytics, Statistics, and Machine Learning. The planned activities follow the ADDIE model, including needs analysis, pedagogy research, course design, and evaluation.

Planned Start date	Planned End date
1/12/2023	31/7/2026

**PARTNERSHIP:**

	<b>Organisation name</b>	<b>Country</b>	<b>Role</b>
1	Aristotle University of Thessaloniki	Greece	Applicant
2	Università Ca' Foscari Venezia	Italy	Partner
3	Karolinska Institutet	Sweden	Partner
4	İstanbul Üniversitesi Yayınevi	Turkey	Partner
5	UniSystems	Greece	Partner

**WEBSITE:** <https://leaperasmusplus.eu/>