EUROPEAN UNIVERSITIES

Erasmus+

EuroTeQ – Engineering University

WHO WE ARE

Uniting over...

115 000
STUDENTS

26 000
SCIENTIFIC AND ADMINISTRATIVE STAFF

300 000
ALUMNI

86
FACULTIES

53
RESEARCH CENTRES

6 pioneers

Technical University of Munich (Germany)
Technical University of Denmark (Denmark)
Eindhoven University of Technology (Netherlands)
École Polytechnique (France)
Tallinn University of Technology (Estonia)
Czech Technical University in Prague (Czech Republic)

45 associates

4 European Engineering Associations	**10** national Engineering Organisations	**5** regional Engineering Chambers
20 businesses	**1** City	**1** Research Centre
		4 Public Bodies

OUR VISION FOR THE FUTURE

European engineering education of the future!

The EuroTeQ Engineering University builds on the belief that societal developments of recent years call for strong university alliances to make the **Knowledge Square of Education, Research, Innovation and Service to Society a reality** and its impact a benefit to Europe and beyond. As six leading universities of Science and Technology, spread across Europe, situated in innovation eco-systems and with great collaboration experience, we are equipped to introduce a **paradigm shift in the engineering education of the future,** with a strong symbiotic link to society, aspiring to responsible value co-creation in technology.

We will establish **joint engineering sciences study programmes** across different disciplines as well as across national and institutional borders. The goal of EuroTeQ is to look at technology developments on a holistic level and engage a broad range of relevant actors, to strengthen social cohesion in Europe. Our main aim is to **build the EuroTeQ Campus**, which will not be restricted to students enrolled at the respective partner institutions, but will promote **lifelong learning opportunities** for engineers in the workforce and integrate **vocational trainees** in technical careers. With **individually designed curricula** and **new digital formats**, EuroTeQ promotes an open European University that fosters mutual understanding between all stakeholders responsible for collaborative technology driven value creation.

OUR VISION FOR THE FUTURE

Together with 45 associated partners from industry, trade associations and various areas of society, EuroTeQ aims to explore the **great challenges of the 21st century** and to jointly formulate solution strategies. The **EuroTeQ Collider**, a series of bottom-up, co-created, challenge-based projects and competitions, is at the heart of our project, bringing the manifold perspectives together, perfectly reflecting Europe's zeitgeist.

The EuroTeQ Engineering University emerges from the well-established EuroTech Universities Alliance. The meaning of "Engineering University" is therefore twofold: to provide excellent education for our future engineers and to engineer the University of the Future, to **become a role model** for the European Higher Education Area and beyond.

PUTTING OUR VISION INTO PRACTICE

KEY DELIVERABLES / ACTIVITIES

◄ Building the **EuroTeQ Campus**, a platform for open education, delivering high-quality research-led teaching to a peer group of over 115,000 students. Our graduates will have intercultural and multilingual competences, an entrepreneurial mindset, think and act responsibly.

◄ Running the **EuroTeQ Collider,** building a community for students through a series of co-created, challenge-based projects and competitions (the EuroTeQaThon) including non-academic and lifelong learners.

◄ Ideating the **EuroTeQ Professional,** promoting active engagement with engineering professionals and a variety of stakeholders within our local eco-systems.

◄ Creating the **EuroTeQ Connector**, agile assessment of the interaction with different societal actors, ensuring the quality of EuroTeQ Engineering University and its impact.

◄ Ensuring **EuroTeQ Sustainability & Outreach** is an integral part of our ambition to create a real impact Europe-wide, enabling other universities and stakeholders to follow our example, fostering technological progress and societal cohesion.

HOW OUR ALLIANCE WILL TRANSFORM OUR UNIVERSITIES

◄ The EuroTeQ vision will **reach into the entire DNA of all its partners**, as the shared ambition is anchored at the highest level. Students, faculty and staff are empowered to contribute to all EuroTeQ activities.

◄ **Opening-up of learning formats for external professionals and vocational trainees**, developing a model of co-creating **lifelong learning formats** with industry.

◄ The inter-university EuroTeQ Campus connects the partners' **campus management systems**,

advancing **seamless mobility** (physical and virtual) and **automatic recognition**.

◄ **Individual study paths and Micro-credentials** lead to a **EuroTeQ Honours degree**, while non-academic learners are awarded the **EuroTeQ Professional**.

◄ The comprehensive experience with the various qualification structures will feed back into the **design of future teaching** at all partner universities.

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