



EUROPEAN UNIVERSITIES

Erasmus+



Uniting over...

180 000

STUDENTS

27 000

STAFF

INCLUDING 16 000
ACADEMIC STAFF/
RESEARCHERS

OUR VISION FOR THE FUTURE

EELISA - European Engineering Learning & Innovation Science Alliance



WHO WE ARE

9 pioneers

Universidad Politécnica de Madrid (Spain)

Budapesti Műszaki és Gazdaságtudományi Egyetem (Hungary)

École des Ponts ParisTech (France)

Friedrich-Alexander-Universität Erlangen-Nürnberg (Germany)

İstanbul Teknik Üniversitesi (Turkey)

Scuola Normale Superiore (Italy)

Scuola Superiore Sant'Anna (Italy)

Universitatea Politehnica din București (Romania)

Université Paris Sciences et Lettres (France)

34 associates*

6

city councils

6

national and regional governments

5

accreditation agencies

6

research agencies

5

companies

5

professional bodies

*including the European Network for Accreditation of Engineering Education

OUR VISION FOR THE FUTURE

EELISA envisions a future in which **society thrives and masters global challenges with smart and sustainable solutions empowered by European engineering**. The fundamentals for this future must be laid in higher education. Thus, we want to transform European engineering education in a way that we open up learning and combine innovative teaching methods across our institutions to convey basic knowledge more efficiently. This will be significantly

rounded out with interdisciplinary learning, the development of transferable skills and real-world problem solving together with extra-university partners. In summary, this will not only equip our graduates with future-oriented competencies and raise their employability, it will also create more sound knowledge partnerships with industry and society in order to further align smart technology with sustainable needs. In this way, **EELISA will contribute to the**

achievement of the European Green Deal and to an inclusive transformation of “the EU into a fair and prosperous society, with a modern resource-efficient and competitive economy”, as was put forward in the Commission Communication on The European Green Deal.

EELISA's mission is ultimately to transform the whole European Higher Education Area, converting it into a central actor and a model in Europe for solving societal challenges and empowering student citizenship participation and employability.

PUTTING OUR VISION INTO PRACTICE

KEY DELIVERABLES / ACTIVITIES

- European Engineer Model
- EELISA Credentials
- EELISA Communities
- EELISA Diploma Supplement and
- EELISA Joint Degrees with structured mobilities
- EELISA Innovative Pedagogical Approach

HOW OUR ALLIANCE WILL TRANSFORM OUR UNIVERSITIES

Three strategic mission boosters...

- Socio-technological challenges to be tackled by EELISA communities as a key to innovative creation processes
- A modern system of achievement recognition via credentials, an EELISA diploma supplement and a European framework for degrees in engineering
- An EELISA campus for everyone

will accelerate and integrate our transformation in six key areas:

- EELISA will define and implement the common model of a “European engineer” rooted in society as a lever for European citizenship
- EELISA will foster knowledge and technology transfer and create industrial research cooperation models
- EELISA will democratize engineering by disseminating an engineering mind-set
- EELISA will stimulate inclusiveness in the engineering profession
- EELISA will offer a new interdisciplinary learning experience that combines teaching, research and transfer, oriented towards the Sustainable Development Goals
- EELISA envisages a university image that will inspire others

> www.eelisa.eu

#EuropeanUniversities

https://ec.europa.eu/education/education-in-the-eu/european-education-area/european-universities-initiative_en

