We are

The European Universities Alliance that will transform engineering education and society

European University
The European Engineering Learning Innovation and Science Alliance (EELISA) is the first alliance of Higher Education Institutions from different countries in Europe meant to define and implement a common model of European engineer rooted in society.

EELISA’s acronym also pays tribute to women engineers through the memory of Elisa Leonida Zamfirescu (1887-1973), one of the very first women to obtain an engineering degree in the world.
European Engineering Learning Innovation Science Alliance

EELISA IN NUMBERS
- 8 Countries
- 10 Universities
- 194,000 Students
- 18,500 Faculty
- 12,000 Staff
- 46 Communities
- 34 Associate Partners
- 1,341 EELISA Credentials

IN ASSOCIATION WITH
ENAEE - European Network for Accreditation of Engineering Education

CO-FUNDED BY
Co-funded by the Erasmus+ Programme of the European Union
MEET YOUR NEW CAMPUS:

“THE EELISA CAMPUS”

Budapesti Műszaki és Gazdaságtudományi Egyetem

İstanbul Teknik Üniversitesi

Universitatea Politehnica din București

Université Paris Sciences et Lettres

Universidad Politécnica de Madrid

Scuola Normale Superiore

Scuola Superiore Sant’Anna

Zürcher Hochschule für Angewandte Wissenschaften
To transform European higher education into the seed for a future in which society masters global challenges with smart and sustainable solutions enabled by engineering.
EELISA's mission

EELISA aims to **transform European higher education** while **strengthening links between engineering and society** by:

- Re-inventing the “**European engineer**”
- **Democratizing engineering education**
- Evolving **interdisciplinary** engineering learning
- **Encouraging knowledge, skills and technology transfer**
- Fostering **inclusiveness and diversity**
- Making a real impact on society following the **2030 Agenda for Sustainable Development** and the **SDGs**
Interdisciplinary learning, multi-actor collaboration and sustainable solutions to real-world challenges

EELISA Supplement
EELISA Credential
EELISA Degree and the EELISA European Engineer

Joint research, innovation and entrepreneurship strategies, actions, mobility, shared facilities and structures

Elisa communities
Elisa recognition
Elisa innocore
Elisa unfolds
Interdisciplinary learning, multi-actor collaboration and sustainable solutions to real-world challenges

1

EELISA Supplement, EELISA Credential, EELISA Degree and the EELISA European Engineer

2

Joint research, innovation and entrepreneurship strategies, actions, mobility, shared facilities and structures

3

EELISA's mission into practice

EELISA communities

EELISA recognition

EELISA innovation unfolds
1. MISSION

Mission-driven collaboration platforms that foster the knowledge, research and innovation needed to solve societal and environmental problems in line with the SDGs.

2. CHALLENGES

Problem owners, stakeholders, professionals and entire universities are members of EELISA communities designed to tackle social challenges with engineering solutions that are set up from multidisciplinary perspectives.

3. PEOPLE

MAGNET
It attracts projects and activities that already exist within EELISA members and within the territories where the challenges take place.

INCUBATOR
It fosters new multi-stakeholder and interdisciplinary collaborations.

4. ACTIVITIES

THE LIVING ECOSYSTEM OF EELISA COMMUNITIES

EELISA Communities: Key figures

- 46 Communities
- 297 activities
- 1341 Credentials
- 2 Joint Calls

Density of EELISA Communities by SDGs addressed
Community Platform

Find your community

Networking component

Join the conversation on Discourse
Discuss with other community members and develop new ideas from home or wherever you are.

Activity submission and showcase component

Submit your activity today
Discuss with other community members and develop new ideas from home or wherever you are.
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EELISA Recognition

EELISA credential

Acknowledges students’ engagement within an EELISA Community and their contribution to solving societal challenges, as committed professionals ready to transform knowledge into action

EELISA Supplement

Supplement that contributes to the European commitment of the students through mobility abroad, EELISA courses, involvement in Communities, etc.

EELISA degree

Multisite degrees based on a common internal quality assurance mechanism for EELISA activities that will set the mark for demonstrating what a new European Engineer is
The EELISA Credential

Signed by the EELISA President on behalf of the nine Rectors, Directors, and President of the EELISA partner institutions, the EELISA Credential is a unique recognition system that aims to become a benchmark for public institutions, companies, and civil society organizations when looking for committed professionals ready to transform knowledge into action.

EELISA President, Mr. Dale Martin, hands an EELISA Credential to EELISA student Flavius Dragoi during the EELISA Achievements Celebration Event in Budapest (September, 2022)
The EELISA Degree and the EELISA European Engineer Profile

EELISA aims to develop a **common model of European engineer profile rooted in society**, focused on increased inclusiveness, cross-disciplinarity and commitment. Such a profile includes **high-level technical and scientific competencies** and encompasses **environmental, social and multicultural skills** in order to address the new challenges of a global society and the expectations of companies.

1. **SKILLS**
   A student-centered education with disciplinary broadening and high-level of scientific, theoretical and digital skills.
   Here, training in research methodologies and relevant literature is key to help evaluate the data or processes using state of art methods.

2. **SUSTAINABILITY**
   A philosophy of work and social life while fostering responsibility of engineers.
   European engineers will need to carry out a critical study of the risks that pertain to the development of new technologies, and consider the entire life cycle of products and services they design and produce.

3. **INTERCULTURALISM**
   Mobility opportunities within EELISA and a network of European engineers with shared values.
   By being exposed to different professors, university environments and cultures, students will become more aware of different societal issues, ethical problems and cultural dispositions.

4. **CRITICAL THINKING**
   Practical and applied knowledge.
   Engineers will be exposed to economic, organizational and managerial issues, requiring training related to communication skills, decision-making and independent learning to integrate the views of multiple stakeholders into their decision and creative processes.

The four pillars of the EELISA European Engineer Profile
Interdisciplinary learning, multi-actor collaboration and sustainable solutions to real-world challenges

EELISA Supplement
EELISA Credential
EELISA Degree and the EELISA European Engineer

Joint research, innovation and entrepreneurship strategies, actions, mobility, shared facilities and structures
EELISA INNOvation and COmmon REsearch Strategy (EELISA inno core) brings a new level of cooperation that will transform the R&I dimension of the alliance.
Unlocking Full innOvation capacity buiLDing and entrepreneurship

will contribute to the transformation of our higher education institutions into key players of the entrepreneurial and innovation ecosystem

Students, academics, researchers, staff and key industry players such as start-ups, will be invited to engage in:

- innovative student engagement activities
- new collaborations with external partners looking for co-creation of high-impact, social and economic opportunities
- enhanced structures for creating start-ups and venture builders for spin-offs
- specific programs for innovation-driven research
- the development of an entrepreneurial curricula based on credentials
- the development of advanced training and mentoring schemes
avenues for collaboration

- Access a pool of well-trained and deeply committed people: EELISA students
- Solve challenges with and through EELISA Communities
- Benefit from the **prestige and recognition** connected to a European University and **expand your societal impact** by connecting to its mission, vision and values
- Have a direct access to a European network of universities of excellence
- Access EELISA state-of-the art infrastructures and talents
To be in the EELISA loop:

👍 Follow @eelisa_eu on social media

@ Check the web: www.eelisa.eu

✉️ Subscribe to EELISA Newsletter.

thank you!
thank you

Learn more: www.eelisa.eu

EELISA has received funding from the European Union’s Erasmus+ programme under GA No. 101004081 / EELISA-InnoCORE has received funding from the European Union’s Horizon 2020 R & I programme under GA No. 101035811 / EELISA Unfolds is co-funded by the European Union and EIT Digital