



MISSION STATEMENT

We, the undersigned alliance partners, % X G D S H V W L 0 & V] D N L p V * D] G D V i J W > Egyetem (BME, Hungary), Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU, * H U P D Q \ ø V W D Q E X O 7 H N Q L N h Q u a N o r m a l e S u p e r i o r e , S S I S , 7 X U N H \ Italy), Scuola Superiore Sant'Anna (SSSA, Italy), Universidad Politécnica de Madrid (UPM, Spain) À % i n d e r o e à % D i s t i n t i o n e s I T S , 9 E L I S A b r i n g s o g e t h e r a c o m p l e m e n t a r y , s t r e n g t h s i n g l e p r o f i l e s a c r o s s E u r o p e w i t h r e s p e c t t o :



- x Engineering education:
EELISA covers three technical universities (ITU, UPB, UPM), one technical university with a management focus (BME), three



professional regulation. An engineering student quite often gets the chance to take part of the



OUR VISION

EUROPEAN ENGINEERING EDUCATION FOR A SMART AND SUSTAINABLE SOCIETY (E³S³)

- Vision of EELISA

We envision 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 learning up 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



EELISA will define and implement the common model of a “European engineer” rooted in society as a lever for European citizenship

Our ambition is to become the first alliance of leading higher education institutions from different countries in Europe to define and implement a common model of a “European engineer” rooted in society. This approach will be reinforced by addressing European citizenship, social consciousness, soft skills and entrepreneurship education. We want to go beyond the implementation of using EUR-ACE® or country-specific labels as mere endorsements of our programmes to incorporate this accreditation in a shared strategy, focusing on innovation, employability and inclusiveness.

This model will be developed with the special involvement of ENAEE, together with stakeholders in the engineering profession, and it has four dimensions: (a) a common set of learning outcomes, (b) a certain harmonization of educational organisation and practices, (c) the convergence of



EELISA will offer a new interdisciplinary learning experience that combines teaching, research and transfer , oriented towards Sustainable Development Goals

EELISA will incentivise a paradigm shift in engineering education so that students, as well as teachers and researchers, have to widen their perspectives in order to produce sustainable scientific solutions. Accordingly, as of their first day in our universities and schools, our students will not only work to meet their respective diploma requirements, but will be active participants in tackling real-world challenges. EELISA students will, in fact, have the chance to get in touch with the academic research community through curricular apprenticeships. We will guarantee valid scientific knowledge, which our students will be able to transfer to companies, administrations and to society as a whole. We will also put students into contact and help them understand problem-owners and other stakeholders in order to identify and tackle socio-technological challenges. Therefore, we decided to target Sustainable Development Goals (SDGs) in view of their ambition, their supporting institutions and their clear structure.

We will systematically integrate different disciplines, soft skills, research activities, entrepreneurship and technology transfer into engineering education, starting from undergraduate level. Through



EELISA will stimulate inclusiveness in the engineering profession

Together with excellence and effectiveness, EELISA is committed to the policy principle of inclusiveness so as to enhance social equity and social mobility. EELISA will support students from a modest social background through part-time study. Gender will also be a special focus in a profession with only 30% of women across Europe (fewer in top positions). We are convinced that the situation in Europe is not sustainable. (h)T



The prototype of our ambition will be “European engineering”, which is consistent with our main area of activity. We regard this as a



A modern system of achievement recognition via credentials, an EELISA diploma supplement and a European framework for degrees in engineering

We advocate that education should be considered as a portfolio of accomplishments that goes beyond earning diplomas. Accordingly, EELISA will introduce a new form of recognizing student qualifications, which will be achieved by a three-step model, ranging from the EELISA credential, through the EELISA diploma supplement standard, up to the EELISA degree awarded with the EUR-ACE® label.

Our ambition is that students



An EELISA campus for everyone

To facilitate student and staff mobility between all campuses, we will build an EELISA campus for everyone:

- x By working together, we will demonstrate that all students can feel at home in each campus and in the virtual EELISA campus during their studies whatever

