



EEISA

European **E**ngineering **L**earning
Innovation and **S**cience **A**lliance



- Prof. Diana ROBESCU
- WP9 leader –Sustainability and Dissemination



EELISAdays
10-17 November, 2022

Conference/ Hybrid

**Exploring the endless opportunities
with EELISA Communities**

10 | **08:00**pm
NOV | CET

 UPB Campus
Onsite

The poster features a blurred background of people at a conference. The text is overlaid in white and yellow. A vertical orange line is present on the left side of the slide.

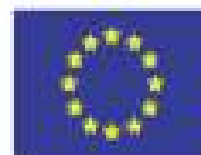
We are

EUROPEAN
UNIVERSITY

“

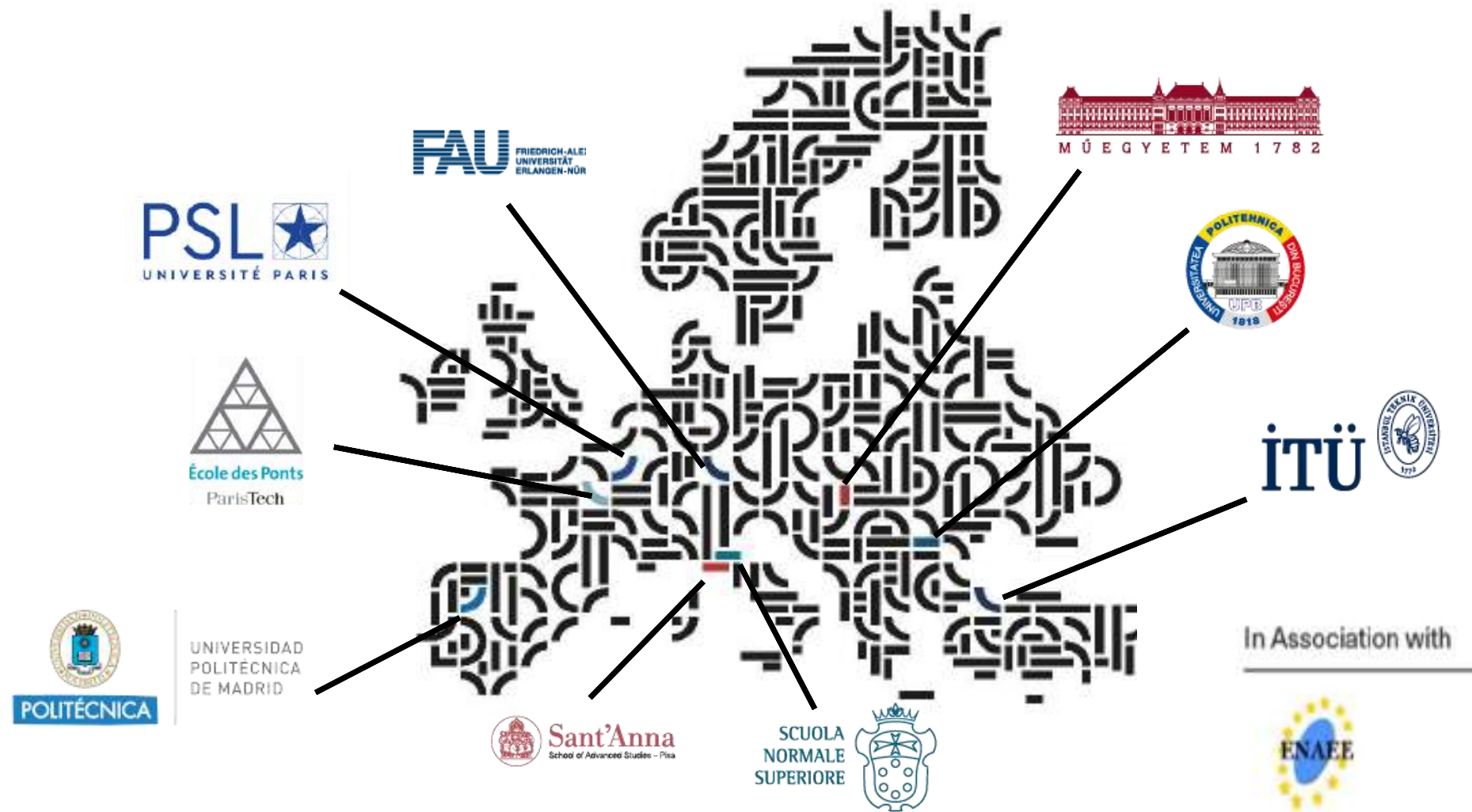
The European
Universities Alliance that
will transform engineering
education and society

”



Co-funded by the
Erasmus+ Programme
of the European Union

EELISA partners



What is EELISA?

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 is meant as a tribute and moral reparation 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.





EELISA's mission

“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 vision



We envision a higher education system that **enable student citizenship** participation and **employability** by:

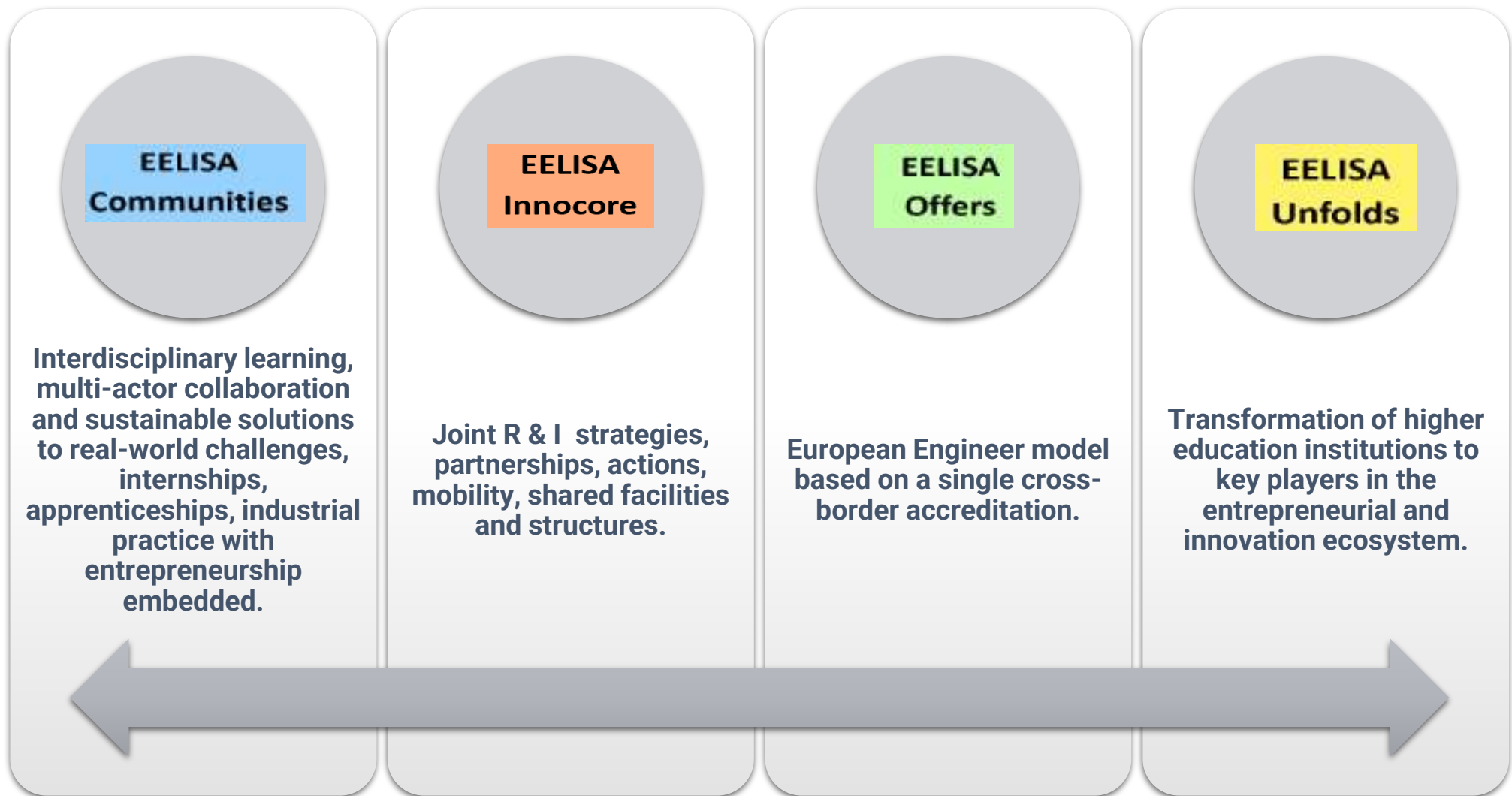
Connecting **academic excellence to social impact** and commitment

Evolving **interdisciplinary** engineering **learning**

Stimulating **inclusiveness and diversity**

Fostering **knowledge and technology transfer**

EELISA's vision into practice



EELISA Communities

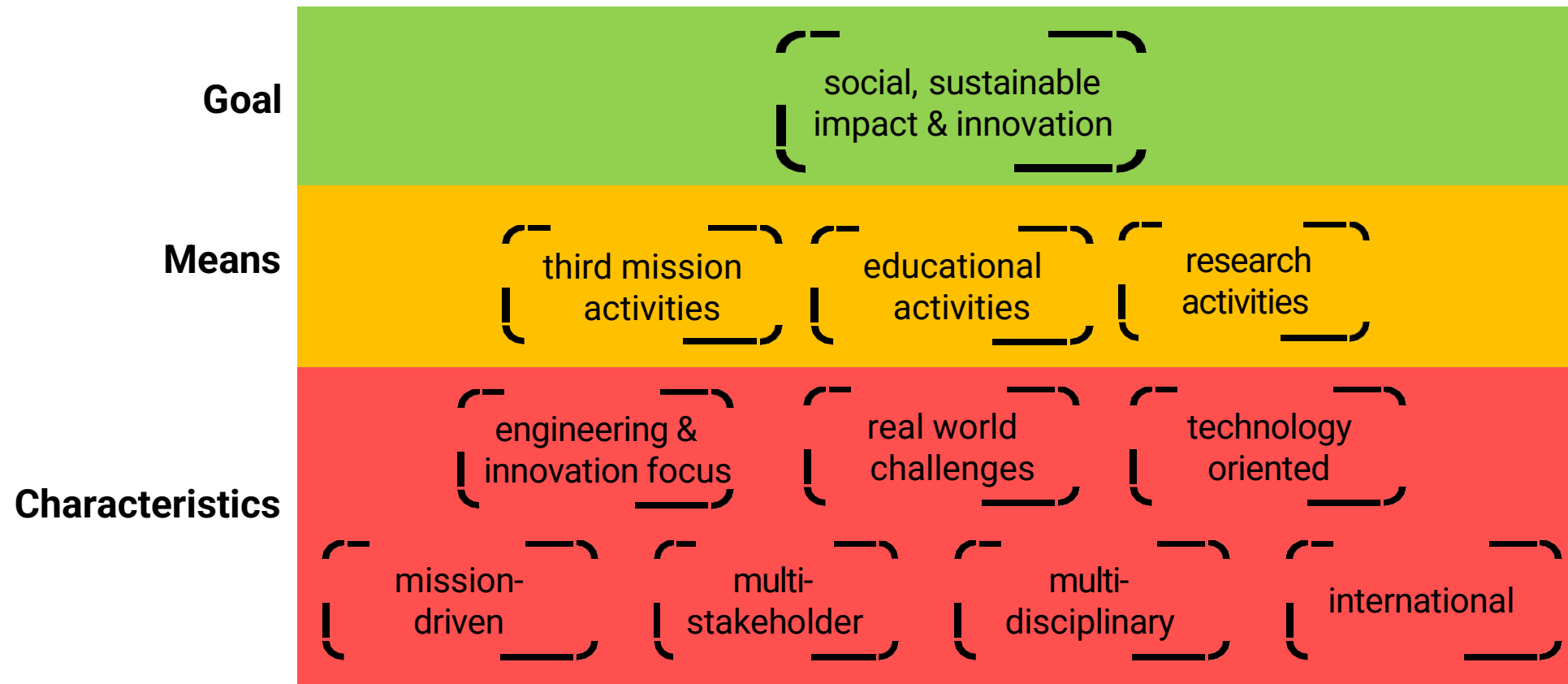


Multidisciplinary, international teams work together to foster engineering research and innovation and find sustainable solutions to real-world challenges.



EELISA Communities

EELISA Communities are teams of students, researchers, faculty and staff members from all institutions as well as external stakeholder are jointly active to solve EELISA's mission to extend higher education in EELISA institutions from teaching and learning to the proposal of solutions to current socio-technical challenges.



EELISA Community stakeholders



Activity-related:

practitioners like companies, NGOs, entrepreneurs, public authorities etc.



Education-related:

students, professors, PhD students, educators



Research-related:

academics like professors, PhD students, scientists, research associates etc.

innovation & networking platform, networking & collaboration events, challenges

EELISA Communities - clusters

EELISA Community
on Protecting
European Waters



EELISA WATER in an
ERA of CHANGE

Smart, Green &
Clean
Neighborhoods

Designing a
Sustainable &
deCarbonized
uniVersity

Egalitarian
Societies:
Opportunities for
Everyone

Archeology
and
Architecture

EELISA-on-
the Move

Sustainable
Buildings, Cities
and
Communities

Health in the City



Society towards
Digitalization and Energy
Decarbonization



EELISA Community on
Energy Transition and
International Exchange
(Student Community)

EELISA Communities - platform

<https://community.eelisa.eu/>

- 39 existing EELISA Communities



The sign-in modal features the EELISA logo at the top. It has a 'Sign in' heading and instructions: 'If you are from one of the EELISA institutions, please use eduGAIN with your local institutional login credentials to sign in to the platform. If you are an EELISA external partner, please create an account and click on sign up here. Afterwards, you can log in with your email and the password you created for your account.' There are two main options: 'Sign in with local university login credentials' (highlighted with a red arrow) and 'OR -'. Below this are input fields for 'Email' and 'Password', a 'Remember me' checkbox, and a 'Log in' button. At the bottom, it says 'Don't have an account yet? Sign up here.'

EELISA

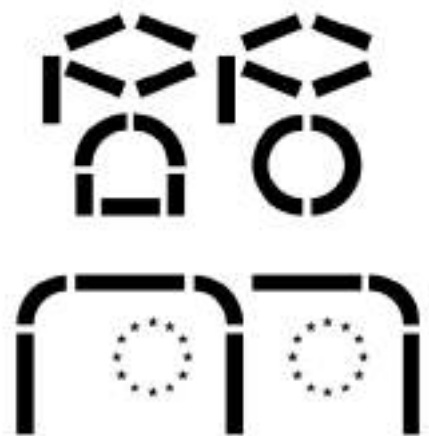


Enhance your career!

EELISA Offers

**Will recognize European Engineers
ready to work within multidisciplinary
multilingual and diverse environments.**

**STEM professionals who are able to
understand social challenges and align
smart technologies with sustainable
needs.**



EELISA Degree

Multisite delivered - curricula will be offered at universities based in different cities, and students will have the chance to configure their degree programme passing through multiple institutions.

EELISA Credential

Acknowledges **students' engagement within a EELISA** community and his/her contribution to social-challenge solving process.



EELISA Supplement

It is granted to any student who, **in addition to EELISA degree and to EELISA credentials**, have earned **at least 6 ECTS** credits, in a smooth or cumulative manner, **through any kind of mobility**, - long or short, physical, digital, hybrid, with other partners in the alliance.



EELISA Credential

a recognition of knowledge and skills related to the **sustainable development goals**



A collection of badges =
capitalize through
participation in "**learning
experiences**" offered by
EELISA Communities

EELISA Credential levels of impact	
- Level 1 = discovery (simple participation in a conference as a listener)	
- Level 2 = knowledge (5 cognitive educational outcomes)	
- Level 3 = commitment (5 socio-emotional educational outcomes)	
- Level 4 = action (5 behavioural educational outcomes)	
- Level 5 = transformation	



EELISA Credential

➤ a recognition of knowledge and skills related to the **sustainable development goals**



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CREDENTIAL = Collection of **BADGES** that correspond to a sustainable development goal and an impact level

BADGE: given at the end of each activity

CREDENTIAL: given at the same time as the home university degree

Want to know more about EELISA?



Join EELISA Onboarding sessions!



These **monthly sessions** offer all attendees the possibility to learn the key elements that define EELISA – its framework, mission, vision, ongoing developments, and activities in a concise and clear way while meeting and connecting with the people who are making EELISA happen.

See next session on EELISA Calendar!

Why to get involved?

AS AN EXTERNAL COLLABORATOR

AS A STUDENT

Learn how to become a real-world problem solving player.

Be recognized as a new "European Engineer".

Get a degree connected to all the universities of the Alliance.

Tackle socio-technological challenges through innovative and creative processes.

Boost your contacts network within multidisciplinary and international teams.

Learn and research with full mobility between partner institutions.

Get the skills for highly qualified jobs in a pan-European environment.

AS A TEACHER

Engage your students in new and innovative ways.

Boost the possibilities to disseminate your work in international platforms.

Enrich your research by joining vibrant collaborating platforms.

Contribute to strengthen the links between STEM and society.

Share ideas and methods in a network of international teachers and researchers.

Level up your capability to teach and work in multidisciplinary and diverse environments.

Co-create and implement sustainability-advancing knowledge, tools, and societal transformations with partnerships with EELISA members.

Support education and entrepreneurial skills of the students.

Use the universities' campuses as test beds and living labs for innovative solutions and to solve societal problems.

Enrich your competitiveness by using an amazing facilities, equipments, ideas and talents of universities for innovation-driven research.

Take advantage of mutually beneficial research and training initiatives with partnerships with EELISA members.

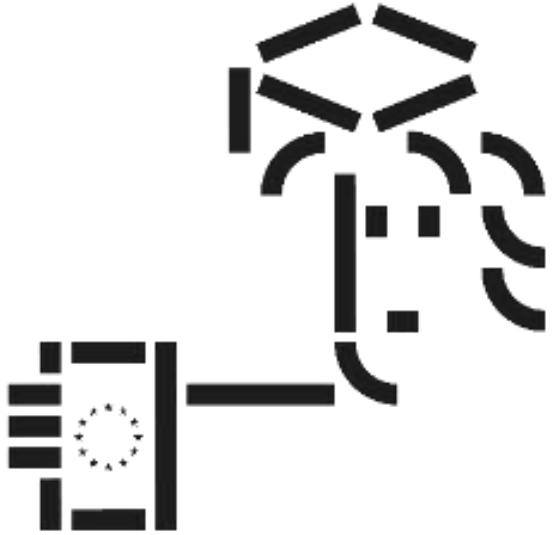
Contribute to students internships and apprenticeship.

Boost your team by recruiting new talent for the future.

Take the opportunity to have an early insights into new developments in various fields.

Be a problem owner and solve the real world problems through challenge-based education.

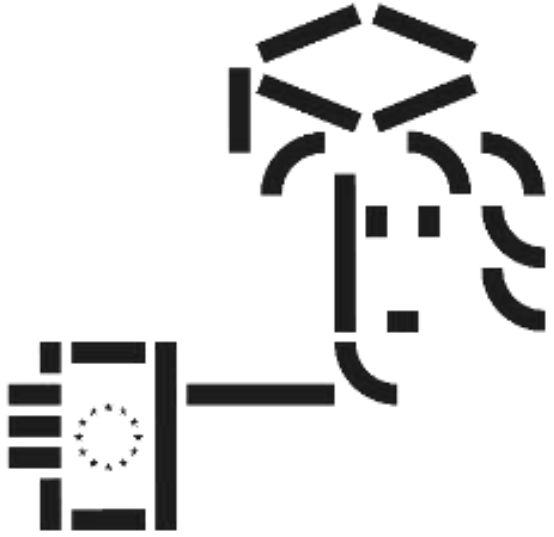




HOW TO GET INVOLVED

- Deep dive into EELISA in a few clicks: <https://eelisa.eu/>
- Check EELISA Calendar of events on EELISA website
- Keep track of EELISA calls, workshops and activities at <https://eelisa.eu/get-involved/>
- Subscribe to **EELISA Calendars**
- Subscribe to our internal newsletter EELISA Up-to-date
- Contact your EELISA representative at your university
- Send us an e-mail to info@eelisa.eu, eelisa@upb.ro
- Follow us on Twitter, Instagram, LinkedIn, Facebook





HOW TO GET INVOLVED

UPB connections

- Send us an e-mail to eelisa@upb.ro
- Questions related to EELISA Communities:
Mariana-Gabriela MUNTEANU
mariana.munteanu@upb.ro
- Questions related to EELISA mobilities:
Erasmus Office
erasmus@upb.ro



thank

you

Learn more: www.eelisa.eu