EULiST

European Universities Linking Society and Technology

Slovak University of Technology in Bratislava

Content

"*The main goal of this consortium is to strengthen the regions, and I believe that thanks to the EULiST consortium, regions within Europe will be stronger.*

Creating a base for lifelong learning is also a very important part of it, and raising awareness of the fundamental importance of science and technology for society is also very substantial,"

states the vice-rector for propagation
and foreign affairs,
prof. Ing. arch Ľubica Vitková, PhD.

History of STU

The Slovak University of Technology in Bratislava (STU) is the oldest and largest technical university in Slovakia.

STU's character is connected with older heritage – the famous Mining Academy in Banská Štiavnica, known as Schemnitz (*established more than 260 years ago).*

Its concept was based on the Humboldt principles of research, theoretical and practical education. The Academy contributed many technical and technological innovations and generated progress in terms of higher engineering education in Central Europe.

STU now

Today, STU is a modern research and higher education institution.

STU offers education in technical and art fields and involves students in research in:

- computer sciences
- natural sciences
- construction
- architecture
- design
- chemistry
- informatics
- food technologies
- materials technologies
- information technologies

STU offers a university level engineering education based on scientific research linked directly with industry applications. STU's faculties, departments, institutes, and experts cooperate directly with industrial companies and social organisations, actively taking part in international cooperation.

Within the EULiST Alliance, STU focuses on the transfer of acquired knowledge into practice. It offers its experience in cooperation with industrial companies (STU is a leader in Slovakia in contract research linked to practice) as well as in cooperation with the local government.

It is currently involved in Interreg projects aimed at:
- Valorisation of the Culture Heritage;
- Sustainable Tourism;
- Sustainable Cities.

Another strong point of the university is the application of universal design for local governments.
STU also features projects responding to current global challenges, for instance:

- Best practices in robotics;
- Monitoring of Covid-19;
- Generation of ecological plastic;
- Digital water technology;
- Post-quantum cryptography;
- Ion beam technology;
- Block chain;
- Smart mobility;
- Nuclear engineering.

Who is part of EULiST

Institut Mines-Télécom

Leibniz University Hannover

Brno University of Technology

Lappeenranta-Lahti University of Technology

Slovak University of Technology in Bratislava

Jönköping University

Technical University of Vienna

University L'Aquila

National Technical University of Athens

University Rey Juan Carlos

Since the signature of multilateral agreement between partner universities we have been able to offer wide variety of activities which allows our students, researchers, lecturers and staff:

- students mobilities
- staff mobilities
- Blended Intensive Programs (BIPs)
- student trainings (after agreement)
- staff trainings (after agreement)
- summer schools (after agreement)
- other various activities

In case of interest in mobility – contact our International Department via e-mail international@stuba.sk.

Do you have an idea and would you like to carry out a specific project, BIPs, or any other activity with any of our partners? Contact our local EULiST coordinator at natalia.gurska@stuba.sk to get connected.

Our consortium

- our present, your future!

EULiST

200,000 STUDENTS
20,000 STAFF
10 UNIVERSITIES
10 COUNTRIES

EULiST was formally established in 2020 as an alliance of HEIs across Europe. Our approach follows the objective set out in the name of the alliance: linking society with science and technology. We seek innovative ways of integrating the Social Sciences and Humanities (SSH) with the technological strongholds and impact-driven research capacities of the EULiST Members, focusing on the twin green and digital transition.

From the outset, we have engaged all groups and institutions in our member universities with a special focus on students as well as civil society representatives and other stakeholders at all levels, from the local and regional to Europe and the world.

Selection of actions already taken by the EULiST Alliance

2020:
- Alliance formation between 8 Members under the name EUST
- Organisation and Governance Structures

2021:
- First Working Groups
- Erasmus Multilateral agreement and MoU
- EULiST Logo and Branding
- Research Fridays
- First in-presence meeting at LUH

2022:
- EULiST Student Board
- EULiST Staff Mobilities
- Student Projects between EULiST Members
- EULiST Summer School at LUH
- First EULiST General Assembly at URJC
- Local EULiST Websites

EUI Call 2023: becominig and official and funded European University Alliance

EULiST will thus serve as an intermediary and generator of knowledge and innovation, empowering responsible change agents by laying out career paths for students, scholars and researchers contributing to societal and technological developments.

The Alliance will thus have a direct impact on Small and Midsized Enterprises (SMEs) and start-ups and represent an opportunity for the development of communities. To this end, EULiST strives to build a unique, creative and inclusive academic ecosystem inspired by the reciprocities and synergies between all disciplines and recognising the importance of societal trust in technology.

While it was clear from the outset that an application for funding in the European Universities Initiative was one of the mid-range aims of the Alliance, we first wanted to seek broader and deeper cooperation and build up engagement for EULiST bottom-up in broad information and participation processes.

"EULiST brings many positives to our Slovak University of Technology."

"The main ones include stable partners for research research and education, internationalization of our institution, creation of a sustainable green campus, and sharing of common resources and information.
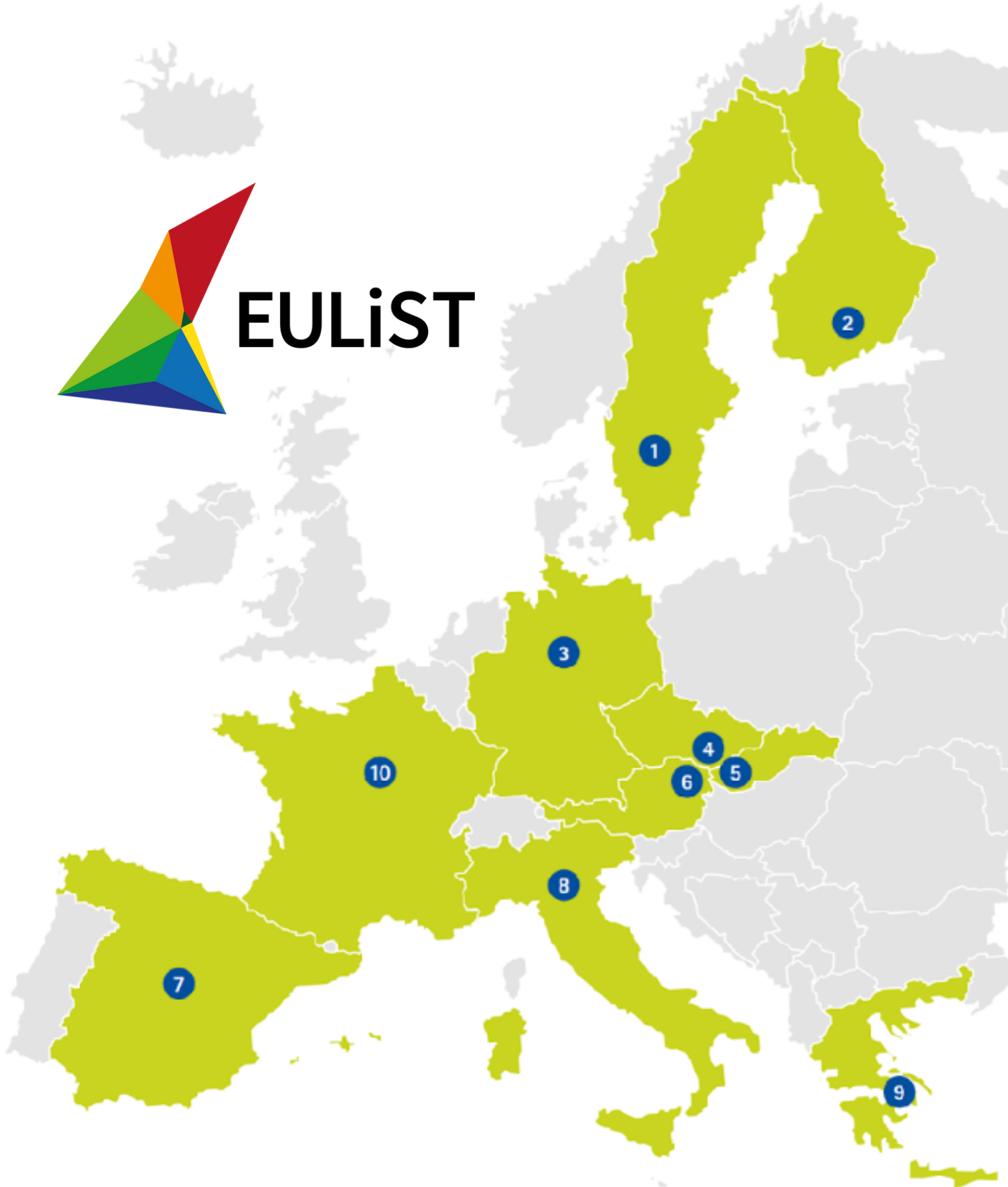
It is also a lot of challenges for our researchers and students given the topic, which is very current."

said the vice-rector for propagation and foreign affairs, prof. Ing. arch. Ľubica Vitková, PhD.

Vision

By integrating perspectives from the social and technical sciences and boosting challenge-based learning, EULiST fosters innovation to build a more sustainable and globally engaged Europe and trains future generations of students, researchers, scholars and life-long learners to develop solutions to the grand challenges of today and tomorrow, notably climate change, digital transition and social cohesion.

Mission

As universities, we have the responsibility to address the challenges that humanity is facing in everything we do, from education to research, innovation and societal outreach.

To achieve this, we have defined a guiding principle and chosen a clear focus based on sustainability: interlinking knowledge in Science, Technology, Engineering and Mathematics (STEM) together with Social Sciences and Humanities (SSH) to develop solutions to the major societal challenges, in particular climate change and the risks to social cohesion.

EULiST's focus on climate change mitigation and social cohesion is therefore backed by our combined research strengths:

- climate action (SDG 13)
- clean energy solutions (SDG 7)
- linked to industry, innovation and infrastructure (SDG 9)
- to society through sustainable cities and communities (SDG 11)
- finally to citizens' behaviour regarding clean water (SDG 6)
- responsible production and consumption (SDG 12).

EULiST seeks to actively contribute to and benefit its universities' regions and their development. For this reason, EULiST cooperates with all of its regions and/or cities in the role of Associated Partners.

EULiST Objectives

Our mission is based on the observation that the relation between society and science in general and technology in particular has deteriorated in many respects and has in some areas become almost dysfunctional. The transformation process to sustainable development in Europe, and particularly Climate Action, is very much affected by the turbulences in this relationship between science and society.

To fulfil the EULiST Mission and its ambition and in line with the needs we have identified, we will actively pursue six specific objectives. These objectives, while achieving their full impact over a longer period, will be achieved over the duration of the current project.

- **EULiST Digital Campus and Knowledge Hub**
- **Accessible and Attractive Services and Increased Borderless Mobility**
- **Sustainable EULiST Campuses**
- **Innovative Educational Models and Tools**
- **More Diversity in STEM**

Work Packages

EULiST already is an alliance of European universities working closely together on different levels in strategic, educational, research and outreach activities and intense mobility of students and staff is already taking place.
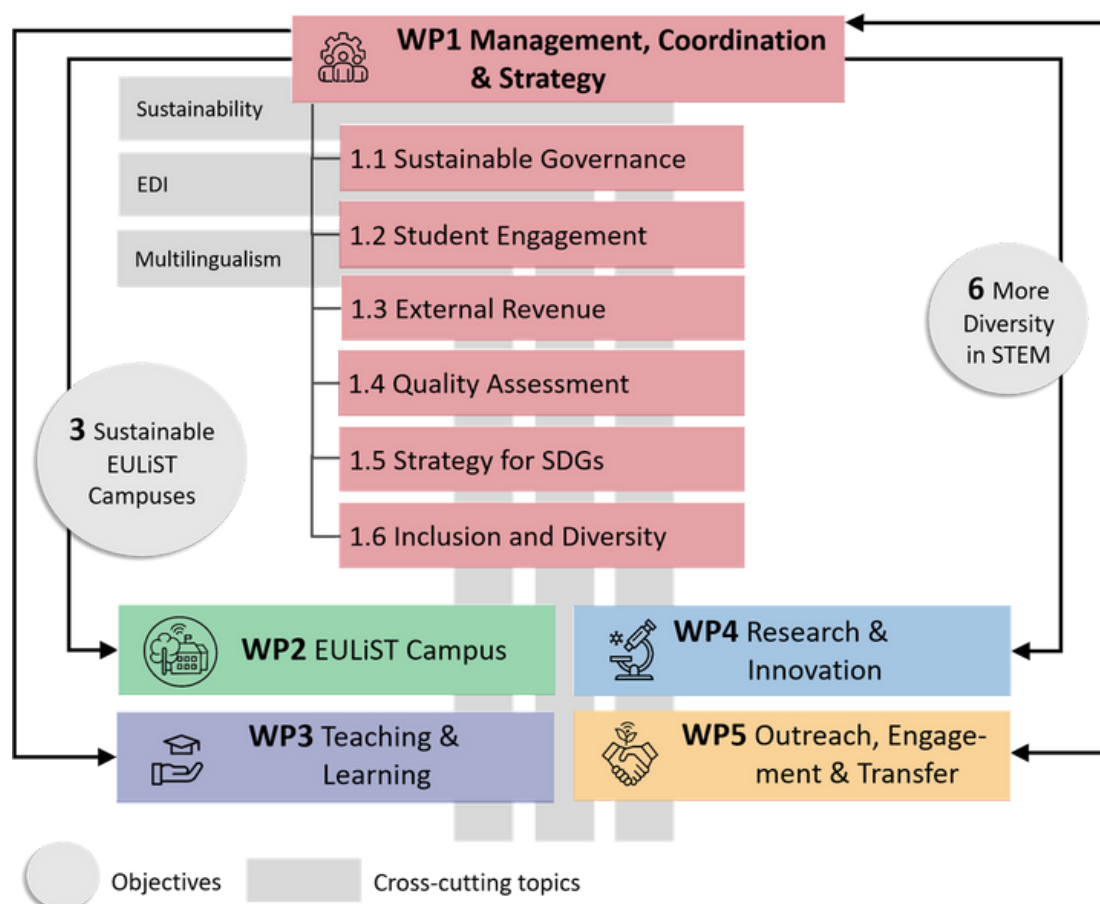
The current structure of the Work Packages presented in this brochure originates from the areas in which EULiST Members have actively collaborated since 2019.

Work Package 1

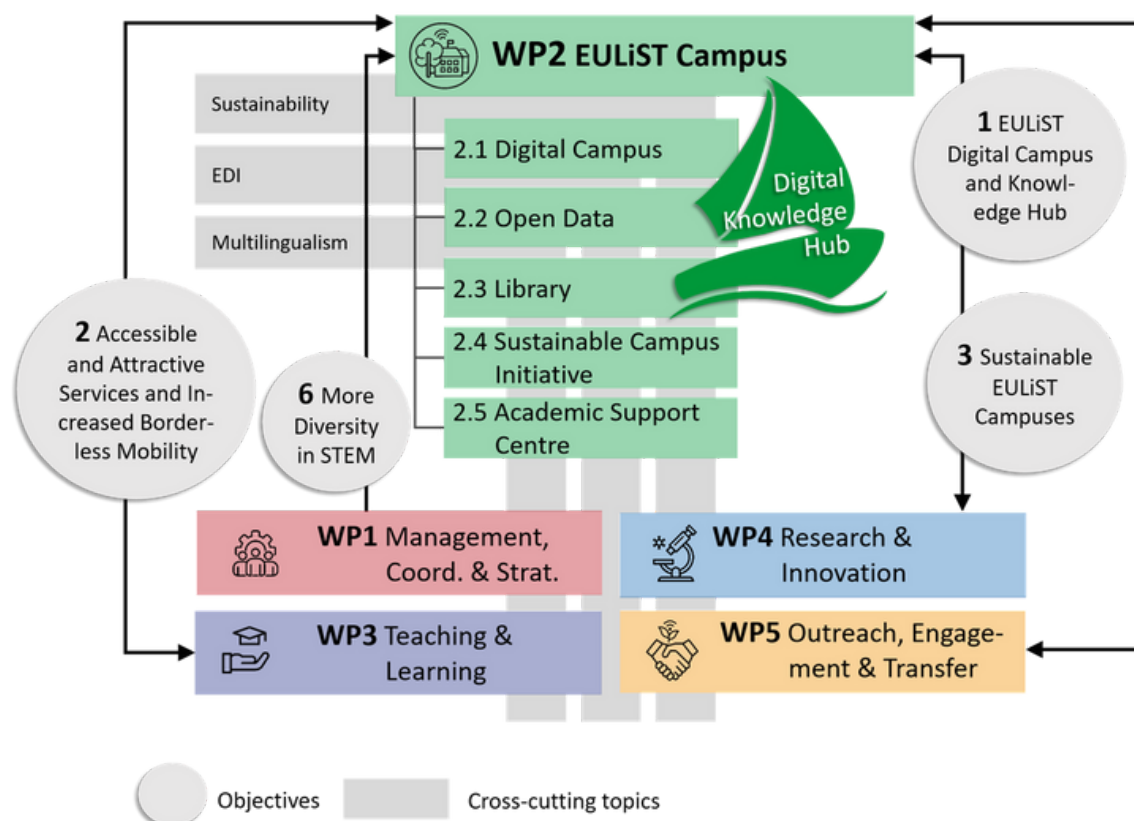## EULiST Management, Coordination & Strategy

To this end, Work Package 1 will – as its flagship activity and based on the existing cooperation structures of the Alliance as postulated by the cooperation agreement – establish a governance structure that fosters inclusiveness and co-creation, with a strong student participation as well as a close link to society. In this WP, Slovak Technical University is co-leading the task 1.5.

Work Package 2

EULiST Campus

The overarching goal of Work Package 2 EULiST Campus is to develop infrastructure and conduct activities that facilitate collaboration between EULiST stakeholders, including students, administrative and academic staff as well as the wider community. The STU is undertaking the role of co-leader in the task 2.4.
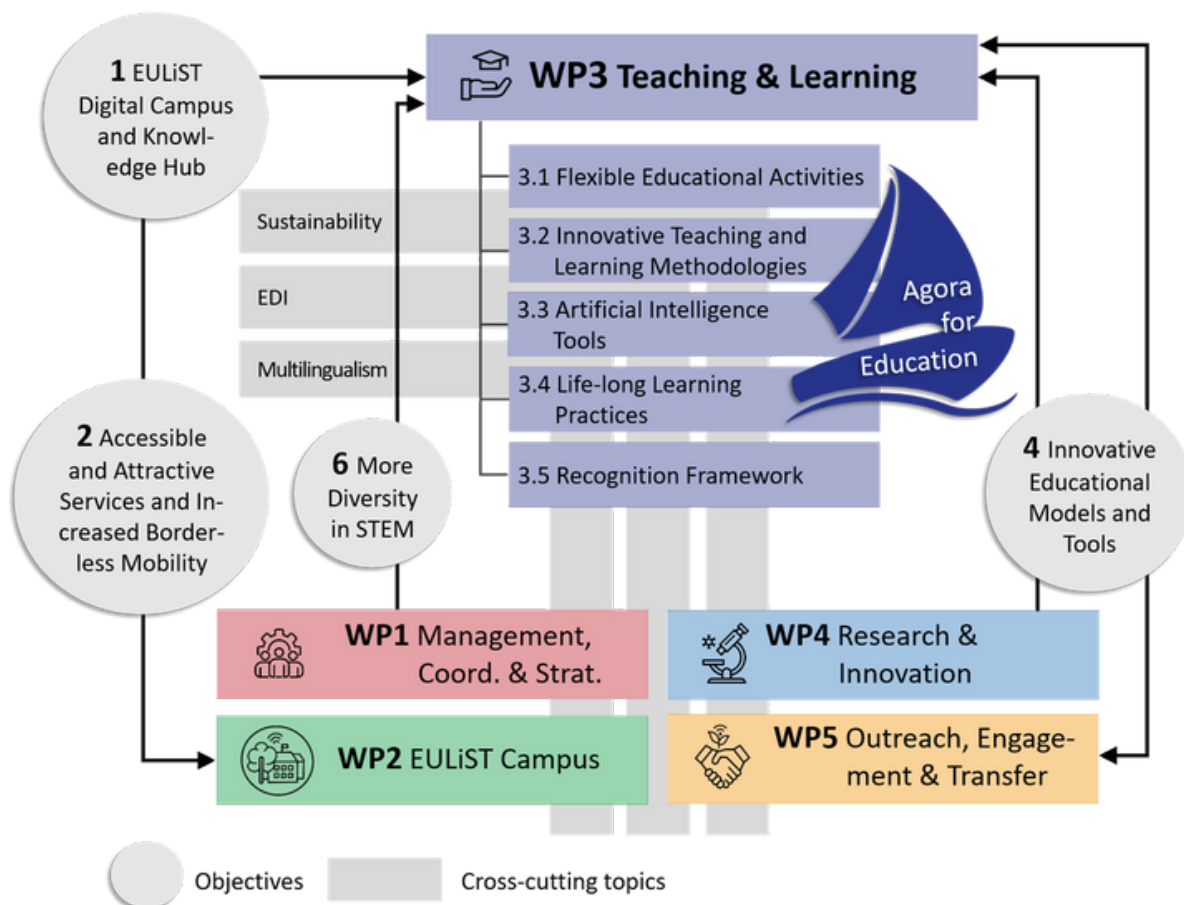

The EULiST Digital Knowledge Hub is a flagship initiative of the Alliance and will serve as a unique digital arena for sharing knowledge, resources and access to trusted information between EULiST Partners.

Work Package 3

EULiST Teaching & Learning

The EULiST Agora for Education is the flagship and umbrella for the manifold activities in this core field of teaching, learning and life-long learning. STU stands in this work package as a leader of the task 3.3.
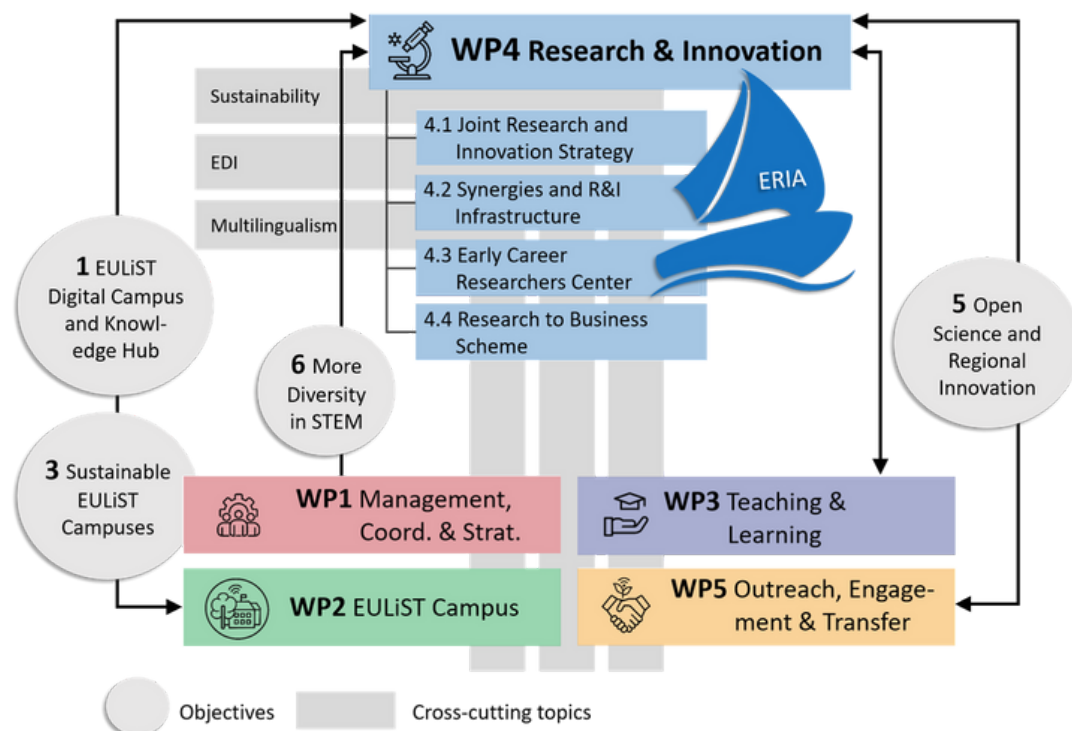

The EULiST Agora will represent a Single Entry Point that is linked to the Digital Campus in order to enable the trusted and permanent access to tailored knowledge, expertise, technology and infrastructure for all EULiST Members.

Work Package 4

EULiST Research & Innovation

The goal of WP4 is to evaluate and align the research focus areas and expertise of each EULiST Member and establish synergies for creating a solid basis for joint scientific excellence. In WP4 STU acts as the co-leader of the whole package.
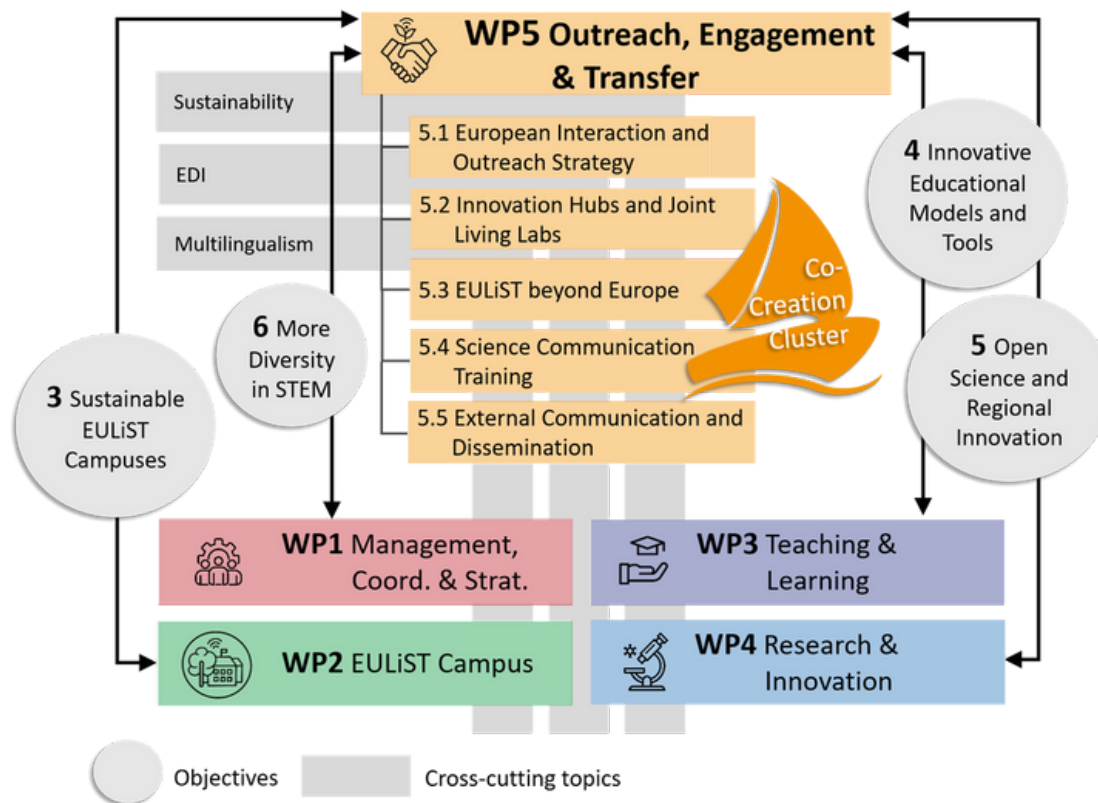

The EULiST Research and Innovation Academy (ERIA) will form an overarching institution with the aim of realising the aforementioned objectives, by facilitating the sharing of expertise among EULiST Members and acting as the interface between the universities and local / regional stakeholders.

Work Package 5

EULiST Outreach, Engagement & Transfer

The flagship for this Work Package is the EULiST Co-Creation Cluster, bringing together professionals from all EULiST Members. The STU is leading the task 5.3.

Hence, outreach is truly the voice and arms of EULiST in establishing societal trust in technology. EULiST Outreach will complete the Knowledge Square – teaching, research, scientific innovation and interaction with society.

Organizational structure

The EULiST Governing Board (GB): GB is the highest decision body that will take all basic and strategic decisions.

General Assembly EULiST, October 2022, Madrid

Management Board (MB): decisions to be taken by the EULiST Management Board will prepare decisions to be taken by the governing board. MB will decide on and supervises all operative matters.

The EULiST Coordination Office (CO): consists of the local EULiST Coordinators, the budget office of the Coordinating University (LUH) and the EULiST Central Coordinator.

EULiST CO supports MB and GB in their work and assist with the project work plan, day-to-day organisational coordination, and can act as intermediary between the Alliance and the European Commission and national agencies, if needed.

General Assembly (GA): the EULiST GA oversee all operations and has the right to initiate decisions to be taken by the Governing Board.

Student Board (SB): the EULiST SB will send representatives into all executive bodies such as the General Assembly and Management Board, and is involved at the senior level of organising and administering EULiST.

Advisory Council (AC): the EULiST AC has an advisory role for the Governing Board and the whole alliance.

Project Steering Committee (PSC): for the project phase, the governance of the EULiST Alliance will be complemented by the PSC, made up of the Work Package Leads / Co-Leads (WPL).

EULiST

Contact us - get involved!

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🌐 Central EULiST web page

🌐 STU EULiST web page

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