

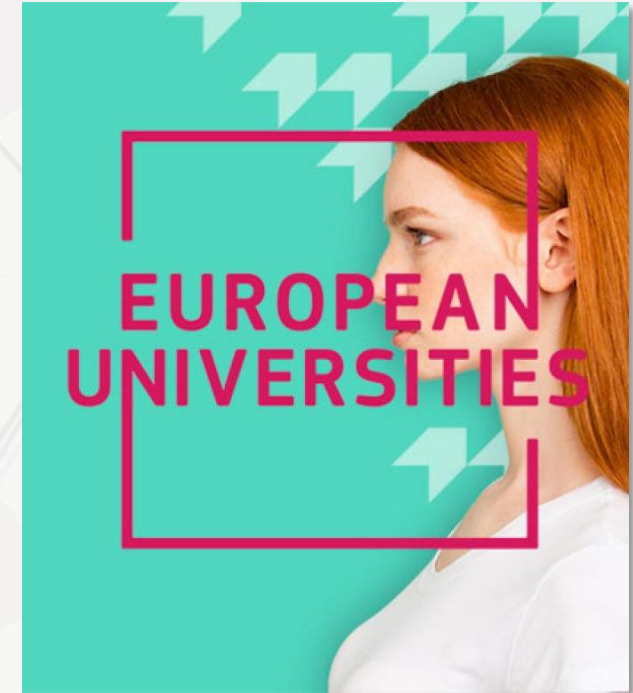


Professor Katerina Adam, SMME
EULiST NTUA Coordinator
June 19, 2023

European University

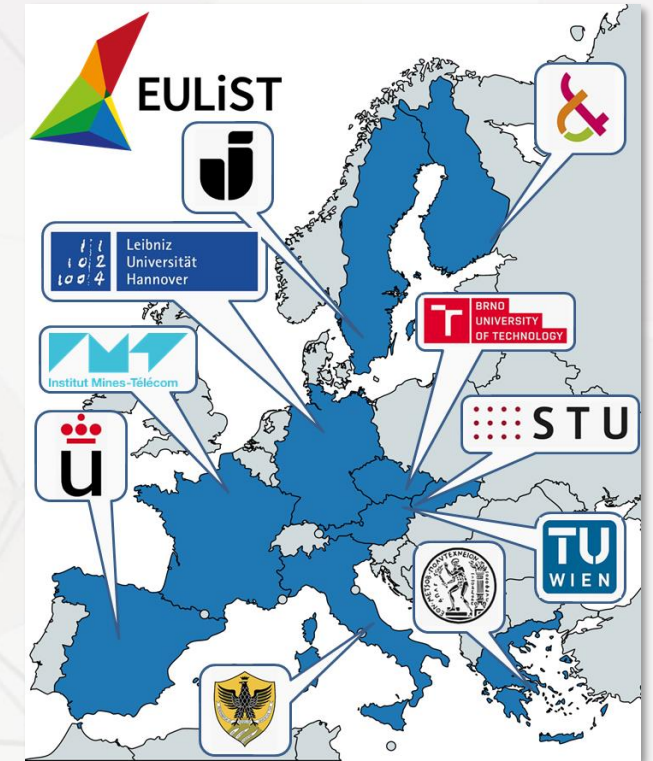
European Universities are transnational Alliances that intend to develop into **universities of the future**, boosting the quality of higher education and strengthening its link to the research and innovation landscape in Europe and its outreach towards the society and economy.

EULiST is a European University Alliance empowering **responsible change agents** to solve the challenges humanity is facing, including **climate change** and the **twin green and digital transition**, contributing to **societal and technological developments**.



EULiST integrates over **200,000 students** and **20,000 staff** at **10 universities** in **10 countries** with complementing strengths in technical topics, humanities and social sciences.

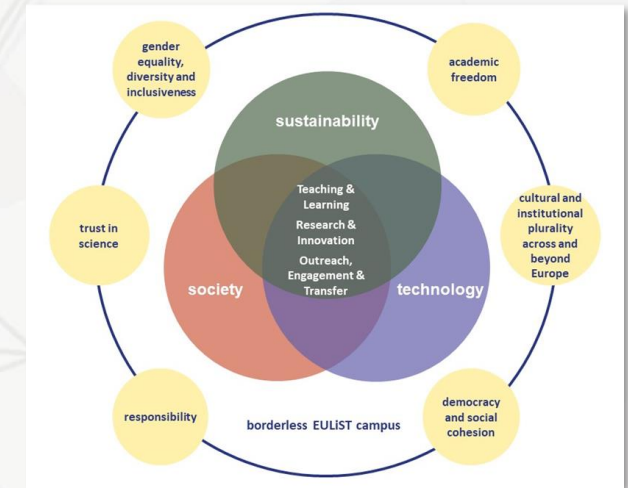
At EULiST, we **combine** our **strengths in technology** and impactful **research** to propose an approach that focuses on **innovative, yet practical solutions** that can be implemented quickly by **integrating both universities of technology and comprehensive universities**.



MISSION

EULiST has a clear focus based on **sustainability**, **interlinking knowledge in STEM together with Social Sciences and Humanities to develop solutions to the major societal challenges of today and tomorrow – climate change, digital transition and social cohesion.**

EULiST will generate a **unique and creative academic ecosystem of sustainable development, exhibiting innovative techniques and providing access to hands-on experience.**



Erasmus+ Blended Mobility

Blended mobility in any study field and cycle (short cycle, bachelor, master and doctoral levels).

Virtual component – physical component 5 to 30 days, accessible to students from all backgrounds and study fields.

BIPs foster the development of **transnational and transdisciplinary curricula & innovative ways of learning and teaching**, including online collaboration, **research-based learning and challenge-based approaches** with the objective of tackling societal challenges.



Within the framework of the Alliance EULiST “European Universities Linking Society and Technology”, the National Technical University of Athens (NTUA), organizes in cooperation with Lappeenranta-Lahti University of Technology (LUT), Jönköping University (JU), Leibniz University Hannover (LUH), Institut Mines-Télécom (IMT), Slovak University of Technology in Bratislava (STU), University L’Aquila (UnivAQ), a Blended Intensive Program (BIP) with the title “Monitoring clean energy in the EULiST campuses”.

TOPICS ADDRESSED

- Academics and teaching staff members will share best practices with students for monitoring the contribution of **renewable resources** in the energy mix, towards sustainable EULiST campuses.
- **Thematic areas of the program:**
 - Promotion of research on clean **energy technology**, aligned with **SDG 7** to ensure **access to affordable, reliable, sustainable energy for all**
 - **European Green Deal**
 - European Education Area's Focus Topic "**Green Education**"



GREEN EDUCATION



STRUCTURE



NATIONAL TECHNICAL
UNIVERSITY OF ATHENS



COURSE CREATED AT HELIOS NTUA ACCESS GRANTED TO STUDENTS AND LECTURERS

EULiST Blended Intensive Program “Monitoring clean energy in the EULiST campuses”

<https://helios.ntua.gr/course/view.php?id=6062>

AGENDA FOR ONSITE COURSES



19 June –26 June 2023



National Technical University of Athens - Athens, Greece



ACTION 2 – AGENDA | ONSITE WORKSHOPS | ATHENS NTUA



Monday, June 19th 2023



NTUA – Patision Complex



10.00 – 17.00 EEST



Tuesday, June 20th 2023



NTUA – Zografou Campus



09.00 – 16.00 EEST



Wednesday, June 21st 2023



NTUA – Zografou Campus



09.00 – 16.00 EEST



Thursday, June 22nd 2023



Lavreotiki UNESCO Global Geopark



08.00 – 16.00 EEST

ACTION 2 – AGENDA | ONSITE WORKSHOPS | ATHENS NTUA, cont.



Friday, June 23rd 2023



NTUA – Zografou Campus



10.00 – 17.00 EEST



Saturday, June 24th 2023



Athens City Centre



11.00 – 14.00
(lunch) EEST



Sunday, June 25th 2023



Students group meetings | NTUA campuses and facilities closed
due to general elections in Greece



Monday, June 26th 2023



NTUA – Zografou Campus



10.30 – 19.00 EEST



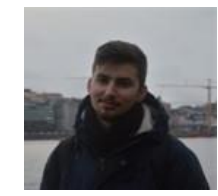
LECTURERS, 1/2



Prof. Eleni Alexandrou



Prof. Vassilis Spitas



Mr. George Orfanos



Assist. Prof. Flora Bougiatioti



Dr. Ing. Dipl. Ing. George Antonakos



Prof. Sotirios Karellas



Prof. Irene Koronaki



Mr. Petros Dalavouras



Dr. Ioannis Atsonios

LECTURERS, 2/2



Assist. Prof. Antonis Peppas



Prof. Maria Papadopoulou



Chrysa Politi



Prof. Katerina Adam



Prof. Efi Dimopoulou



EULIST Blended Intensive Program

“Monitoring clean energy in the EULIST campuses”

31 May – 13 October 2023 | online and onsite in Athens, NTUA

Call for applications | deadline May 15th, 2023

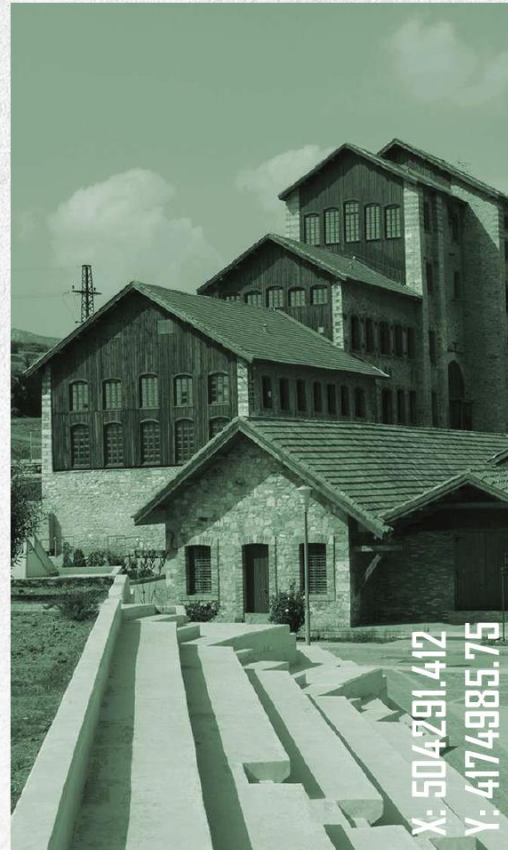
Within the framework of the Alliance EULIST “European Universities Linking Society and Technology”, the National Technical University of Athens (NTUA), organizes in cooperation with Lappeenranta-Lahti University of Technology (LUT), Jönköping University (JU), Leibniz University Hannover (LUH), Institut Mines-Télécom (IMT), Slovak University of Technology in Bratislava (STU), University L’Aquila (UnivAQ), a Blended Intensive Program (BIP) with the title “Monitoring clean energy in the EULIST campuses”. The call for applications is now launched, addressed to the students of the EULIST Universities.

TOPICS ADDRESSED

Participating academics and teaching staff members will share as lecturers and mentors best practices with students for monitoring the contribution of renewable resources in the energy mix, towards sustainable EULIST campuses. Moreover, during the program, thematic areas to be discussed include the promotion of research on clean energy technology, aligned with SDG 7 to ensure access to affordable, reliable, sustainable energy for all, as well as the European Green Deal and the European Education Area’s Focus Topic “Green Education”.

STRUCTURE

- Action 1 | Online lectures
Wednesdays May 31st - June 7th - June 14th 2023,
14:00-17:00 CEST
- Action 2 | Onsite Workshops | Athens NTUA
Monday June 19th until Monday June 26th 2023
- Action 3 | Self-working time
July - August 2023
- Action 4 | Online mentoring
September 2023
- Action 5 | Online projects presentation
October 13th 2023



CONTENT – LEARNING OUTCOMES

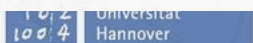
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- Action 1 | Online lectures by academics and teaching staff from the coorganizing universities on green and sustainable campuses, best practices, on monitoring energy and environmental performance in EULIST campuses.
- Action 2 | Onsite visits and presentation of challenges in three NTUA campuses [Historic Patission campus in the centre of Athens - Lavrion Technological and Cultural Park – main Zografou campus] on renewable energy sources, combination with hydrogen, solar engineering, eco racing, biofuels, monitoring of energy uses, and the NTUA virtual campus. It also includes challenge selection, assignment, and initial preparation on group projects. The first outcomes of the onsite workshop will be presented on Monday June 26th, within the EULIST General Assembly and Open Session “EULIST towards linking Society and Technology” in NTUA, Athens. Social and cultural events are also scheduled in Athens.
- Action 3 | Self-working time for the preparation of the students’ projects in July and August 2023.
- Action 4 | Online mentoring for participating student teams by the academics and trainers of the coorganizing Universities in September 2023. Dates will be announced in due time.
- Action 5 | Projects’ presentation will be held online on October 13th, 2023. Following an online assessment, an EULIST award on the best student project will be granted.

Students will work with experts in the field of clean energy, smart and sustainable energy design, using challenge-based learning, hands-on approach and design thinking. Participants will acquire new skills on clean energy sources and management, learn to use new methodologies and tools for monitoring clean energy, and develop a new mindset that will contribute to the achievement of SDGs.



NATIONAL TECHNICAL UNIVERSITY OF ATHENS



STUDENTS PARTICIPANTS, ½

A		
Gera	LUT/male	Energy Technology Post
Renata	STU/female	Management PhD
Tomei	UNIVAQ/female	Civil Engineering for the environment
Papingiotis	NTUA/male	Mechanical Engineering
Mylona	NTUA/female	Chemical Engineering
B		
Sadiqa	LUT/female	Energy modelling PhD
Mohammadi	LUT/male	Software Engineering/mobile development
Shlumbom	LUH/male	Landscape architecture and Environment
Tauschke	LUH/female	Landscape architecture and Environment
Los	TUW/male	Mathematics
Tsala	NTUA/female	Mechanical Engineering PhD

STUDENTS PARTICIPANTS, 2/2

C		
Patel	LUT/male	Energy / mechanical engineer PhD
Gudabova	STU/female	Architecture and Design
Chripkova	STU/female	Architecture and Design
Illesova	STU/female	Architecture and Design
Antoneas	NTUA/male	Mechanical Engineering PhD

D		
Barbanov	LUT/male	Energy Technology
Shlarmann	LUH/female	Landscape architecture and Environmental Planning
Giusti	UNIVAQ/female	Architectural Engineering/ Design for Sustainability PhD
Theodoropoulos	NTUA/male	RS&Geoinformatics Engineering PhD
Orfanos	NTUA/male	Mechanical Engineering PhD



**Professor Katerina Adam, SMME,
EULiST NTUA Coordinator**
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Thanks for your attention