

## 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

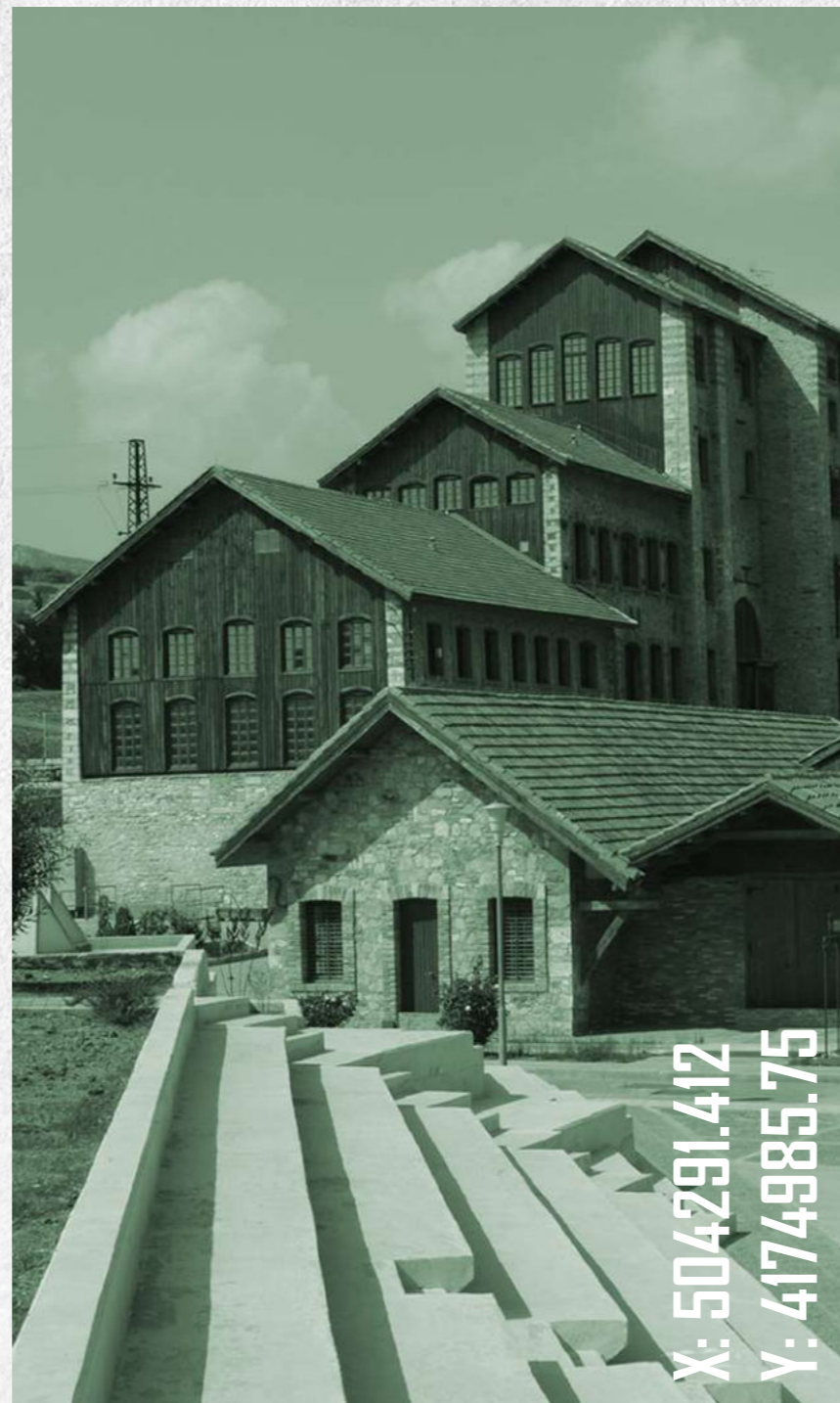
Participating academics and teaching staff members will share as lecturers and mentors best practices with students for monitoring the contribution of renewable resources in the energy mix, towards sustainable EULiST campuses. Moreover, during the program, thematic areas to be discussed include the promotion 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 31<sup>st</sup> - June 7<sup>th</sup> - June 14<sup>th</sup> 2023,  
14:00-17:00 CEST
- Action 2 | Onsite Workshops | Athens NTUA  
Monday June 19<sup>th</sup> until Monday June 26<sup>th</sup> 2023
- Action 3 | Self-working time  
July - August 2023
- Action 4 | Online mentoring  
September 2023
- Action 5 | Online projects presentation  
October 13<sup>th</sup> 2023



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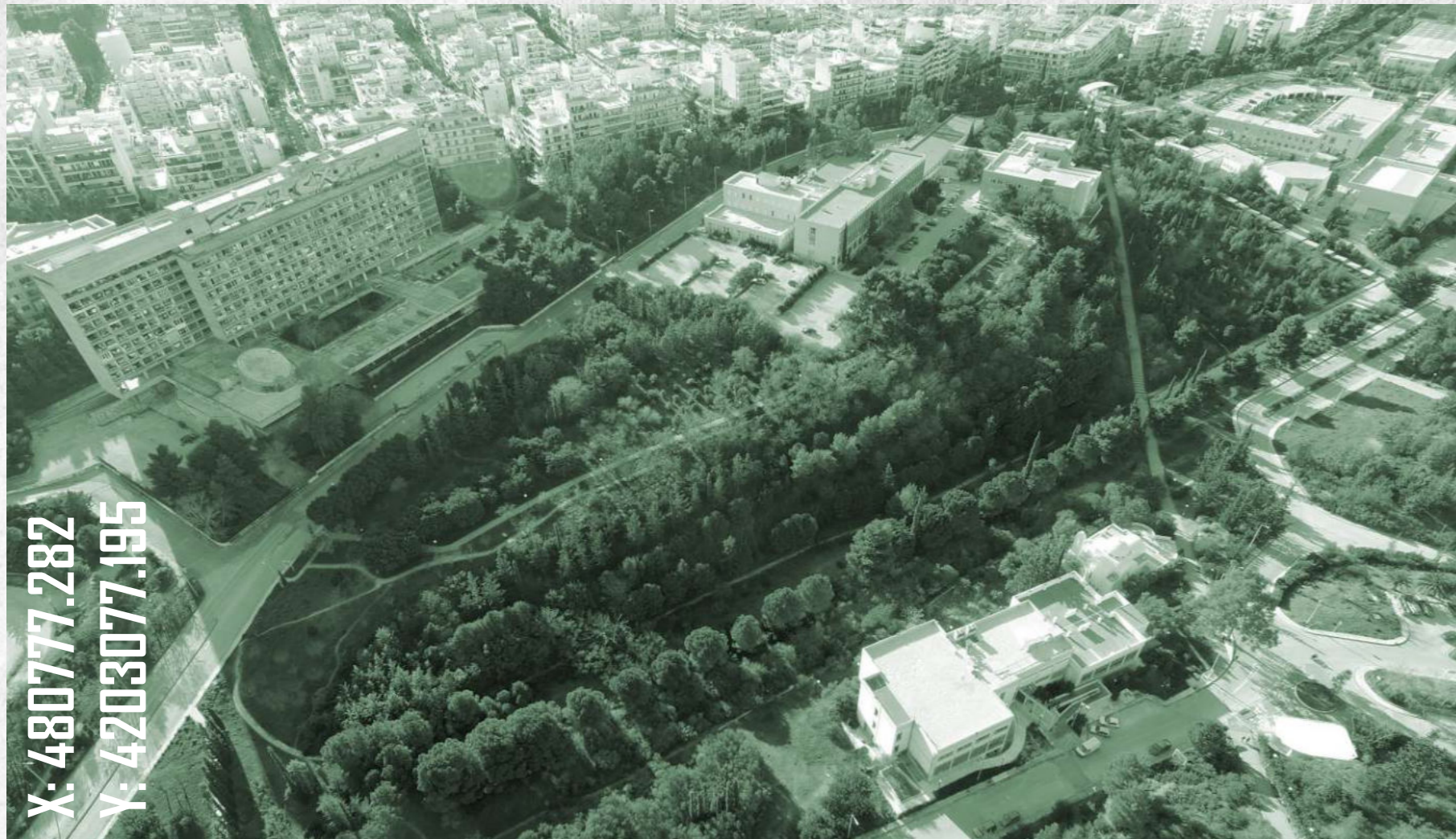


#### CONTENT – LEARNING OUTCOMES

Language: English (min. B1)

- 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 26<sup>th</sup>, 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 13<sup>th</sup>, 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.



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### MORE INFORMATION

<https://eulist.university/>

For more information send to: [eulist@mail.ntua.gr](mailto:eulist@mail.ntua.gr)

NTUA BIP Coordinator: Prof. Efi Dimopoulou: [efi@survey.ntua.gr](mailto:efi@survey.ntua.gr)

## ONLINE APPLICATION

### ECTS

Upon successful completion of the BIP Program, students will receive 3 ECTS credit points from the National Technical University of Athens. Recognition of these ECTS credit points as part of the students' study programme depends on the home university. It is recommended to contact study counselors or EULIST local coordinators prior to the program. The program will be included in the diploma supplement.

### PARTICIPATION PROFILE

The BIP Program is addressed to undergraduate, postgraduate and PhD students, coming from the coorganizing EULIST Universities, who are interested in the topics addressed and enrolled in the following fields of study: STEM, Environmental Sciences, Business and Management, Social Sciences.

### SUPPORT

Participating students from the coorganizing Universities will receive the following support covering the duration of the physical component:

- Mobility fund of 420€ from their sending universities
- Additional support in case of confirmed green travel (sustainable means of transport)
- Free meals card for lunch and dinner at NTUA's restaurants (Zografou and Patission campuses)
- Suggested low-cost houses and hotels near Patission campus

Students from all EULIST Universities are welcome to participate as zero-grant participants.

### ENTRY REQUIREMENTS - CRITERIA

- Certificate of studies
  - Undergraduate after the 2nd year of studies / postgraduate / PhD
  - GPA and field of study will be considered
- English language proficiency (min. B1 level)
  - Accreditation according to home institution requirements
- Curriculum vitae
- Letter of intent

### IMPORTANT DATES 2023

May 2 <sup>nd</sup>	BIP "Monitoring clean energy in the EULIST campuses" announcement
May 15 <sup>th</sup>	Deadline for students' applications
May 16 <sup>th</sup> until May 18 <sup>th</sup>	Student selection
May 19 <sup>th</sup>	Notification of students' participation
May 31 <sup>st</sup>   June 7 <sup>th</sup>   June 14 <sup>th</sup>	Action 1   Online Lectures
June 19 <sup>th</sup> until June 26 <sup>th</sup>	Action 2   Onsite Workshops, location Athens NTUA
July - August	Action 3   Self-working time
September	Action 4   Online mentoring
October 13 <sup>th</sup>	Action 5   Online projects presentation and assessment



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