

PNRR M4 C1 INV.3.4 SUB-INV.T4
INIZIATIVE EDUCATIVE TRANSNAZIONALI – TNE D.D. n. 167 del 03/10/2023
TNE23-00041 HERIT4FUTURE - CUP J31I24000290006



MAGALHÃES NETWORK

in collaboration with

CALL FOR APPLICATIONS

Advanced Skill Course (ASC) on Sustainable Energy Transition:

Politecnico di Torino-Latin America collaboration towards joint PhD initiatives

Issued by Decree of the General Director No. 1387/2025 dated 02/09/2025.

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1. GOALS

As part of the initiative funded by the Italian Ministry for University and Research (MUR) *Transnational Education* project HerIT4Future, coordinated by the University of Bologna and aimed at strengthening relations between Italian universities and Latin American universities, Politecnico di Torino promotes the organization of the **Advanced Skill Course (ASC) on Sustainable Energy Transition: Politecnico di Torino - Latin America collaboration towards joint PhD initiatives, from 3th to 7th November 2025 in Torino.**

The course is intended to train young talents and professionals to address the new challenges of the Sustainable Energy Transition.

As specified in the MUR call INIZIATIVE EDUCATIVE TRANSNAZIONALI – TNE D.D. n. 167 del 03/10/2023, art 5 comma 2.d, the initiative *Formazione di secondo livello* (TNE Advanced Skills) supports the development of advanced training programs that can be undertaken after the completion of a university degree. These programs, managed by the Italian and foreign universities involved in the project, are addressed to academic staff, administrative staff, and researchers.

The purpose of this call is to award financial contributions, funded by the HerIT4Future project, to cover travel and accommodation expenses of at least 12 beneficiaries who will take part in the Advanced Skills Course.

The financial support will be assigned exclusively to participants officially admitted to the program and will be managed within the limits of the available project resources.

2. DESCRIPTION OF THE ADVANCED SKILLS COURSE (ASC)

The ASC is aimed at training young talents and professionals to address the new challenges of the Sustainable Energy Transition, by leveraging the expertise of Politecnico di Torino and the Latin American universities of the Magalhães network www.magalhaes-network.org.

The courses will be delivered by a group of lecturers from both Politecnico di Torino and selected Latin American partners of the Magalhães Network. PhD students, identified by the lecturers, will provide support and act as testimonials.

Thematic areas will be:

- Renewable energy;
- Nuclear energy;

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- Building physics / energy for architecture;
- Energy for mobility;
- Electrical power systems.

Programme Coordinator: prof. Roberto Zanino, Politecnico di Torino

Programme Details

The programme will feature:

- Lectures on topics of shared interest between Politecnico di Torino and selected Latin American partners of Magalhães, including the presentation of possible topics for joint PhD theses;
- Visit to laboratories and research infrastructures of Politecnico di Torino and of associated institutions of the Torino R&D ecosystem;
- Round tables with contributions from industry representatives from both the EU and LAC.

Participants in the ASC will also have the opportunity to attend selected panels of the General Assembly of the Magalhães Network, which will take place at Politecnico di Torino from 3 to 5 November 2025.

Lectures Team

Gianfranco Chicco (Politecnico di Torino)
Vincenzo Corrado (Politecnico di Torino)
Rafael Díez (Pontificia Universidad Javeriana) TBC
Miguel Gijón Rivera (Tecnológico de Monterrey)
Jorge Lozoya (Tecnológico de Monterrey)
Renato Machado Monaro (Universidade de São Paulo)
Daniela Anna Misul (Politecnico di Torino)
Marcos Orchard (Universidad de Chile)
Rodrigo Palma (Universidad de Chile)
Diego Patiño (Pontificia Universidad Javeriana)
Massimo Santarelli (Politecnico di Torino)
Claudio Schön (Universidade de São Paulo)
Roberto Zanino (Politecnico di Torino)

Period and Location

Period: from 3th to 7th November 2025

Location: Politecnico di Torino, Corso Duca degli Abruzzi 24, Torino. Italy

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3. APPLICANTS REQUIREMENTS

Applicants must meet the following requirements:

- Hold at least a Bachelor of Science degree in Energy field (mandatory);
- English language proficiency at a minimum of B1 level (self - declared).

4. HOW TO APPLY

Applicants must submit their application through the online form available at the following link: <https://questionari.polito.it/325488?lang=en>.

Deadline for applications: September 14th, 2025, 1 pm (Italian time)

In the form applicants will be required to provide the following information:

- Personal details (name, surname, date of birth, etc.);
- Home university/institution;
- Degree already obtained;
- Current study program (if applicable);
- Self-declaration of English language proficiency (minimum B1 level), and any official certificate if available;
- Selection of one preferred area of interest among the following five:
 - Renewable Energy
 - Nuclear Energy
 - Building Physics / Energy for Architecture
 - Energy for Mobility
 - Electrical Power Systems

In addition, applicants are required to upload the following documents in pdf format (mandatory):

- **An Identity Document;**
- **Curriculum Vitae;**

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- **Motivation Letter:** the letter should explain the applicant's interest in this ASC and, if applicable, highlight their motivation to pursue (in the future) a PhD in Energy. The text must not exceed 3.000 characters, including spaces.

5. SELECTION PROCESS

A Selection Committee composed of faculty members of Politecnico di Torino will be appointed by the Rector to evaluate the applications and identify the beneficiaries of the financial support.

The selection process will take into account the following criteria:

- Overall quality of the application;
- Possible balance of selected participants across the five areas (Renewable Energy; Nuclear Energy; Building Physics / Energy for Architecture; Energy for Mobility; Electrical Power Systems);
- Work experience in academic settings (e.g., lectures) and/or in the corporate/industrial sector (if any)
- Possession of official language certificates (if any);
- Other relevant elements, as deemed appropriate by the Committee.

The results of the selection process will be published by 30/09/2025 on the website <https://www.polito.it/en/polito/an-international-university/pnrr-tne-projects/tne-herit4future>.

6. SCHOLARSHIPS

Politecnico di Torino will provide financial support to cover travel and accommodation expenses for a minimum of 12 participants. The Administration of Politecnico di Torino will directly contact the beneficiaries in order to provide instructions regarding scholarship acceptance, purchase of flight tickets and arrangements for accommodation.

7. PRIVACY – INFORMATION ON PERSONAL DATA PROCESSING

The processing of personal data, pursuant to the General Data Protection Regulation (EU Regulation 2016/679) and the Italian Personal Data Protection Code (Legislative Decree No. 196 of 30 June 2003, as amended), is carried out by Politecnico di Torino exclusively for

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institutional purposes and for transparency requirements imposed by law. Therefore, it will be conducted in accordance with the principles of fairness, lawfulness, and relevance to the aforementioned purposes. The full privacy notice regarding the methods of data processing and the rights of data subjects is available at: <https://didattica.polito.it/privacy/>

The Data Controller is Politecnico di Torino, located at C.so Duca degli Abruzzi, No. 24, 10129 Torino, represented by the Rector.

For information and clarifications: privacy@polito.it.

The Data Protection Officer (DPO), to whom data subjects may refer for matters related to the processing of their personal data and the exercise of their rights, can be contacted at: dpo@polito.it

8. PROCEDURE MANAGER

Pursuant to Article 5 of Law No. 241 of 7 August 1990, the Procedure Manager for this Call is Dr. Elisa Armando, Vice Head INCAM Department, Politecnico di Torino – INCAM Area. Email: tne.administration@polito.it

9. CONTACTS

For more information, please contact: tne.administration@polito.it