

Research Studentship (PhD Student)

Applications are open for 1 Research Studentship, within the framework of "ATE - Aliança para a Transição Energética", Agenda 56 - Projeto C644914747-00000023, financed by the European and Resilience Plan, under the following conditions:

Scientific Area: Energy and Environment

Admission Requirements:

- a) *To be enrolled at a PhD*
- b) To have a bachelor's or master's degree in architecture or related subjects.
- c) To have knowledge in the field of building design, construction and circular economy assessment methodologies.

Workplan: Development and application of embodied carbon and circular economy methodologies for the assessment of existing building stocks, including metrics for evaluating circularity potential and its impact on climate change, as well as quantification of the existing building stock and refurbishment strategies. Focus will be placed on disassembly criteria and their relevance to climate change mitigation.

Preference is given to candidates with knowledge of building design and Building Information Modelling (BIM) software such as Archicad, and programming knowledge in Python.

Legislation and Regulations: Statute of Scientific Research Fellow, approved by Law nr. 40/2004, of August 18, as worded by Decree-Law nr. 123/2019, of August 28; IST-ID Regulation for Research Studentships and Fellowships, available on <https://ist-id.pt/recursos-humanos/bolseiros/#documentos-relacionados>.

Workplace: The work will be developed at IN+, Center for Innovation, Technology and Policy Research of IST-ID, under the scientific supervision of Professor Paulo Ferrão.

Duration: The research fellowship will have the duration of 9 months. It's expected to begin in September 2025 and may be eventually renewed up to the duration of the project, with the limit of 48 months, including the duration of the initial contract.

Monthly maintenance allowance: The amount of the monthly maintenance allowance is € 1309.64, being the payment method of the Fellow by wire transfer.

Selection methods: The selection methods will be the following: *Curriculum evaluation, with the respective assessment of curricular excellence (40%) and relevant experience for the project (40%). The best-ranked candidates in the curriculum evaluation will be invited to an individual interview, knowledge tests, others), with the respective weight of 20%.*

Composition of the selection Jury: Prof. Paulo Ferrão, Prof. Patrícia Baptista and Prof. Ricardo Gomes.

Announcement/ notification of the results: The final evaluation results will be communicated to all applicants by email.

Deadlines and procedures of complaint and appeal. A complaint may be lodged from the final decision, or an appeal to the Executive Board of IST-ID, within 15 working days counted from the respective notification.

Application deadline and formalization: The call is open from July 29 until August 11, 2025.

It is mandatory to formalize applications with the submission of the following documents: i) B1 Form – Fellowship application (<https://ist-id.pt/concursos/bolsas/>; ii) *Curriculum Vitae*; iii) academic degree certificate, where applicable; iv) proof of enrollment at PhD; v) motivation letter.

Applications must be submitted to the email: jobs@in3.tecnico.ulisboa.pt