

One Research Studentship for Master or Integrated Master students

A call for applications is open for one research fellowship under the “MARETEC BASE 2025-2029” project (MARETEC UIDB/50009/2025) of IST-ID, financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

Scientific Area: Mechanical Engineering and Engineering Systems (sub-area: Energy and the Environment).

Admission Requirements: candidates must be enrolled at an integrated master or a master.

Workplan:

- To gather information on the production and consumption of natural gas worldwide, and to assess the energy efficiency of its use;
- To analyse changes, from 1971 onwards, in the distribution of natural gas consumption across the various industrial sectors;
- To produce a scientific article setting out the results of the historical analysis of natural gas.

The study plan is suitable for the completion of a Master’s degree.

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; FCT Regulation for Research Studentships and Fellowships, available on <https://dre.pt/application/file/a/127230968>.

Workplace: The work will be carried out at MARETEC – Marine, Environment and Technology Centre at the Instituto Superior Técnico (University of Lisbon), under the scientific supervision of Professor Tânia Sousa.

Duration: The research fellowship will have a duration of 3 months. It’s expected to begin in October 2026 and may be eventually renewed up to the maximum of 24 months, including the duration of the initial contract.

Monthly maintenance allowance: According to the values for Research Fellowships awarded by FCT in Portugal (<https://www.fct.pt/fct-atualizou-o-valor-das-bolsas-para-2026/>), the amount of the monthly maintenance allowance is 1.090,98 €. The grant holder will be reimbursed for the payment of Voluntary Social Insurance (up to the amount corresponding to the 1st step).

Selection methods: The selection methods will be the following:

- (1) Curriculum assessment, accounting for 80%, of which:
 - a. Academic performance (30%). Grades and number of modules completed in the Master’s programme (score 1–20);
 - b. Research experience (40%). Experience in the historical study of the production, consumption and energy efficiency of natural gas (score 1–20);
 - c. Fluency in written and spoken English (10%). Assessed on the basis of publications, presentations, professional experience in an international environment or certifications (score 1–20).
- 2) Possible individual interview (in the event of a tie between the top two or more candidates), weighted at 20% (score from 1 to 20).



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Composition of the selection Jury: Chair: Tânia Alexandra dos Santos Costa e Sousa (Assistant Professor); Members: Tiago Morais Delgado Domingos (Associate Professor) and Marcos Duarte Mateus (Assistant Professor). Substitute member: Lígia Laximi Machado de Amorim Pinto (Assistant Researcher).

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

Deadlines and procedures of complaint and appeal. A complaint may be lodged from the final decision within 15 working days, or an appeal to the Executive Board of IST-ID within 30 working days, both counted from the respective notification

Application deadline and formalization: The call is open from September 18 until October 1, 2026.

It is mandatory to formalize applications with the submission of the following documents: i) B1 Form – Fellowship application (<https://ist-id.pt/recursos-humanos/bolseiros/#documentos-relacionados>); ii) *Curriculum Vitae*; iii) academic degree certificate, where applicable; iv) proof of enrollment at a Master or Integrated Master; v) motivation letter.

Applications must be submitted to nuno.sarmento@tecnico.ulisboa.pt



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