

One Research Grant for a student of a course that does not award an academic degree

Applications are open for one Research Grant, within the framework of project “Lab. Associado LARSyS - MARETEC 2021-2025” (LA/P/0083/2020 - MARETEC), of IST-ID, with the financial support of FCT/MCTES(PIDDAC), under the following conditions:

Scientific Area: Environment and Energy.

Admission Requirements: candidates must: a) hold a master degree and be enrolled (at the moment of grant contract signing) at a course that does not award an academic degree and is integrated in the educational project of a higher education institution, performed in association or cooperation with one or several R&D units; b) not to exceed with this contract, including the possible renovations, an accumulated period of two years in this type of grant, continuously or with interruptions.

Workplan: The research fellow is expected to prepare a database covering the consumption of primary energy, final energy, useful energy and freight and passenger transport services in the tubular, maritime and air sectors over the period 1800 to 2020. The steps involved include: (a) collecting relevant historical data; (b) analysing the data for implications related to the energy transition; (c) writing a scientific paper addressing the results and conclusions obtained.

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://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2019.pdf> and <https://dre.pt/application/file/a/127230968>.

Workplace: The work will be developed at MARETEC - Marine, Environment and Technology Centre of Instituto Superior Técnico (IST), under the scientific supervision of Professor Tânia Sousa.

Duration: The research grant will have a duration of 6 months. It is expected to begin in February 2024 and the grant contract can, if justified, be eventually renewed.

Monthly maintenance allowance: According to the values for Research Fellowships awarded by FCT in Portugal (https://www.fct.pt/wp-content/uploads/2023/02/Tabela-de-Valores-SMM_2023.pdf), the amount of the monthly maintenance allowance is 1,199.64 €, being the payment method (by wire transfer or cheque) an option of the Research Fellow. The grant holder will be reimbursed of the payment of Voluntary Social Security (up to the amount corresponding to the 1st grade).

Selection methods: The selection methods will be the following:

- Scientific area of the Master's degree (most valued: Environmental Engineering): 20%;
- Final grade in the Master's degree: 30% (0/20);
- Experience in collecting and processing transport data: 30% (0/20);
- Individual interview (in the event of a tie between the best-placed candidates), where motivation and specific knowledge will be assessed: 20% (0/20).

Composition of the selection Jury: President: Professor Tânia Alexandra dos Santos Costa e Sousa; Members: Professor Tiago Morais Delgado Domingos and Professor Ramiro Joaquim de Jesus Neves. Substitute member: Researcher Gonçalo José Monteiro Marques.

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 January 24 until February 6, 2024.

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; iv) proof of enrollment a course that does not award an academic degree (only at the time of contract signing); v) motivation letter; vi) declaration on honour that the applicant does not exceed with this contract an accumulated period of two years in this type of studentship, continuously or with interruptions.

Applications must be submitted by e-mail to nuno.sarmiento@tecnico.ulisboa.pt