

(BL143/2024-IST-ID)

### One Research Grant for Master or Integrated Master students

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 through national funds, under the following conditions:

**Scientific Area:** Environment and Energy.

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

**Workplan:** The research fellow is expected to prepare a database covering the consumption of primary energy, final energy, useful energy over the period 1800 to 2020 covering all end-uses except for electricity and transport. The steps involved include: (a) collecting and analysing the relevant historical data and (b) writing a scientific paper addressing the results and conclusions obtained: “Fueling the Future: Mapping the Past and Projecting the Path of Non-Electric Energy Consumption since 1800 for the World”.

**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 July 2024 and the grant contract can, if justified, 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/wp-content/uploads/2024/02/Tabela-de-Valores-SMM\\_atualizacao-2024.pdf](https://www.fct.pt/wp-content/uploads/2024/02/Tabela-de-Valores-SMM_atualizacao-2024.pdf)), the amount of the monthly maintenance allowance is 990.98 €, 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 bachelor’s degree (most valued: Environmental or Energy related Engineering degrees): 20%;
- Final grade in the bachelor’s degree: 30% (0/20);
- Experience in collecting and processing energy 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.



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**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 June 19 until July 2, 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, if applicable; iv) proof of enrollment at a Master Degree; v) motivation letter.

Applications must be submitted by e-mail to [nuno.sarmiento@tecnico.ulisboa.pt](mailto:nuno.sarmiento@tecnico.ulisboa.pt)



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