

PUBLIC NOTICE FOR A RESEARCH SCHOLARSHIP FOR MASTER DEGREE
Reference PRBI/7/2025

A call for applications is open for a Research Scholarship (BI) within the scope of the project “HUMYK - Autonomous Community Composter”, with operation code CENTRO2030-FEDER-01180100 (Nº 17322), co-financed by Centro 2030 Regional Program, Portugal 2030 and the European Union.

The purpose of the research scholarship will be to implement and develop the following activities:

1. Preliminary studies
2. Laboratory research dedicated to the formulation of the new prototype
3. Testing for prototype validation at a pilot scale
4. Dissemination, promotion, and valorisation of results
5. Project management and monitoring

Generic scientific area: Environment Engineering, or similar.

Specific scientific area: Environment Engineering, or similar.

Requirements

- Master's degree in Environment Engineering, or related areas.
- If the candidate holds a higher education degree obtained abroad, he/she must have the respective degree recognition, if applicable.
- Enrollment in a PhD program or a non-degree course.
- Oral and written fluency in Portuguese.
- With experience in:
 - a) Laboratory work
 - b) Teamwork
 - c) Preparation of technical reports and scientific articles

Work plan

The work plan will be developed at the Escola Superior Agrária de Coimbra of the Instituto Politécnico de Coimbra and include the following tasks:

1. Research on the state of the art of community composting;
2. Support in conducting focus groups and surveys;
3. Perform laboratory analyses to characterize the produced compost;
4. Laboratory research on strategies to adapt the composting process to the system;
5. Conduct life cycle analysis and cost-benefit analysis;
6. Support the drafting of technical activity reports and scientific publications;
7. Other development tasks identified as necessary within the scope of the project.

Scholarship length

The grant will last for six (6) months, possibly renewable for an identical period under an exclusivity regime, in accordance with the current Regulamento do Bolseiro do IPC, and subsidiary, the Regulation of Research Grants of the “Fundação para a Ciência e a Tecnologia” (FCT) I.P. The Scholarship is scheduled to begin on April 1, 2025.

Monthly Maintenance Allowance

€1,309.64 according to the table of scholarship amounts awarded by FCT to positions held in Portugal (www.fct.pt/apoios/bolsas/valores), with payment made monthly by bank transfer.

To this amount is added the voluntary social insurance corresponding to the first tier, and a personal accident insurance contract.

Workplace

The work will be developed at the “Escola Superior Agrária de Coimbra” of the “Instituto Politécnico de Coimbra”, under the scientific supervision of the Researcher Verónica Oliveira and Professors Daniela Santos and Maria Filomena Miguens.

Selection Criteria

The criteria for evaluating applications are as follows:

- Curriculum evaluation (50%);
- Oral and written fluency in Portuguese (10%);
- Experience in laboratory work (15%);
- Teamwork experience (5%);
- Experience in preparing reports and scientific articles (5%);
- Motivation of the candidate to participate in the project (15%).

There may be an interview if it is necessary to break a tie between candidates.

Jury Composition

The jury responsible for the selection process will be made up of Researcher PhD Verónica Oliveira (President), Professor PhD Daniela Santos, Professor Specialist Maria Filomena Miguens, Professor PhD Fernanda Coutinho (Effective Members) and Professor PhD Carla Rodrigues and Professor PhD Isabel Dinis (Substitute Members).

Documents to be presented

The applications must include the following documents:

- Application form available on the internet page for this competition at <https://www.ipc.pt/ipc/sobre/rh/a-decorrer-pessoal-bolseiro>.

- B2 or C1 level certificate, based on the Common European Framework of Reference for Languages (not applicable to native speakers from Portuguese-speaking countries)
- Copy of qualification certificates;
- Applicants with foreign qualifications must provide proof of their foreign academic degree and diploma in accordance with Decree-Law no. 66/2018 of 16 August;
- Proof (or declaration under commitment of honor) of enrollment in the PhD program or a non-degree course;
- Motivation letter addressed to the President of the jury;
- Dated and signed curriculum vitae;
- Other documents that the candidate considers relevant to submit with the application.
- Identification, residence, identification document number, and tax identification number;
- Declaration under commitment of honour, in which, if enrolled in an ongoing not conferring academic degree, the applicant does not exceed, with the conclusion of the scholarship contract in question, including possible renewals, an accumulated period of two years in that type of scholarship, followed or interpolated, in accordance with Article 6(5) of the FCT Regulation

Deadline for applications submission

It will last 10 working days, between **04/03/2025** and **17/03/2025**.

Candidates must access and register on the website https://www.ipc.pt/bupc/concursos/form/concursos_bolseiros to submit the application, selecting the procedure for which they intend to apply.

Applications must be delivered exclusively in digital format, in portable document format (pdf), except for documents whose delivery is scheduled in other digital formats.

Application instructions are completed by filling in the sections available at the aforementioned email address.

When formalizing the application, if it contains a classified document that reveals commercial or industrial secrets, or secrets relating to literary, artistic or scientific property, the candidate must expressly indicate such reservation, under penalty of the work in question being freely accessed by any one of the other candidates, in consultation with the process.

When submitting the application, the candidate must provide only the necessary data, according to this notice, and must hide personal data present in the documentation, as these data may be freely accessed by other candidates during the process consultation.

Method of notifying results

The evaluation results will be published through an alphabetical list by final grade, displayed in a visible and public place at the Escola Superior Agrária de Coimbra of the Instituto Politécnico de Coimbra. All candidates will be notified for the purposes of prior hearing, via email.

Coimbra, March 2025