CALL FOR APPLICATIONS

RESEARCH FELLOWSHIP ANNOUNCEMENT FOR MASTER'S DEGREE HOLDERS

Reference: PRBI/37/2026

Applications are invited for one Research Fellowship for a Master's degree holder (BI) within the project "COMPROMISSO CENTRO+VERDE: UMA AÇÃO COLETIVA" (CENTRO+VERDE COMMITMENT: A COLLECTIVE ACTION), hereinafter referred to as CENTRO+VERDE, operation code COMPETE2030-FEDER-03126600, at the Polytechnic University of Coimbra, co-funded by COMPETE 2030, Portugal 2030 and the European Union, under the conditions set out below.

The fellowship aims to implement and develop the following activities:

1) Monitoring the implementation of the CENTRO+VERDE project concerning the tasks assigned to UPCoimbra, in collaboration with the other project partners;

2) Preparing studies on decarbonisation practices and opportunities for improvement in companies operating in the forestry and wood sectors.

Scientific fields:

Industrial Engineering or Management, Mechanical Engineering, Data Science or related fields

Admission requirements:

- Hold a Master's degree in Industrial Engineering or Management, Mechanical Engineering, Electrical Engineering, Data Science or related fields.

- Applicants holding a higher education qualification obtained abroad must have their degree recognised, where applicable.

- Be enrolled in a doctoral programme or a non-degree-awarding course. Proof of enrolment must be submitted with the application.

Additional experience will be valued in:

a) Data analysis and organisation

b) Preparation of studies, research and assessments

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c) Participation in and/or management of research and/or consultancy projects in collaboration with companies and/or organisations within the national scientific and technological system

d) Working with public and private forestry-sector organisations/stakeholders in Portugal.

Work plan:

The work plan will be carried out within the project "COMPROMISSO CENTRO+VERDE: UMA AÇÃO COLETIVA" and includes the following tasks:

1) Studies of the processes and working methods of companies in the forestry and wood sectors, including i) identifying inefficiencies and opportunities for improvement, ii) tailoring decarbonisation measures, iii) improving operational efficiency, and v) facilitating the adoption of new technologies;
2) Assessment of companies' emissions profiles;
3) Identification of technical and technological gaps in SMEs and barriers to investment;
4) Development of proposals for targeted/segmented decarbonisation solutions;
5) Cost–benefit assessment of technological decarbonisation solutions;
6) Alignment of companies' methods and processes with national and European sustainability targets;
7) Preparation of activity implementation reports within the project;
8) Collaboration in planning capacity-building activities for companies in the territories covered by the project;
9) Technical visits to industrial facilities in the forestry and wood sectors;
10) Contribution to promoting the project and its results;
11) Identification of opportunities and development of initiatives that may contribute to implementing the activities associated with the project;
12) Representation of CENTRO+VERDE, when requested, at events and initiatives relevant to the project;
13) Other tasks identified as necessary within the scope of the project.

Fellowship duration:

The fellowship will initially last 12 months, on an exclusive-dedication basis. The fellow will have the status of an IPC research fellow, in accordance with the Research Fellowship Regulations of the Polytechnic University of Coimbra, approved by Order No. 5963/2020 of 1 June, as currently amended. The fellowship is expected to start on 1 December 2026.

The fellowship may be renewed in the case of students enrolled in doctoral programmes.

Scientific supervision:

Professor João Malça, Coordinating Professor at the Coimbra Institute of Engineering, Polytechnic University of Coimbra

Dr Verónica Costa Oliveira, Researcher at the Institute of Applied Research, Polytechnic University of Coimbra

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Monthly maintenance allowance:

EUR 1,359.64, in accordance with the table of values for research fellowships in Portugal awarded by FCT, I.P. (https://www.fct.pt/wp-content/uploads/2026/03/Tabela-de-Valores-SMM-2026.pdf), payable monthly by bank transfer.

In addition to this amount, voluntary social insurance contributions corresponding to the first contribution bracket will be covered if the applicant opts to enroll in the scheme. Personal accident insurance will also be provided.

Workplace:

The work will be carried out at the Coimbra Institute of Engineering, Rua Pedro Nunes, Quinta da Nora, 3030-199 Coimbra.

Selection criteria:

Applications will be assessed exclusively based on curriculum evaluation (100%). The following criteria will be considered:

- Final grade of the Master's or integrated Master's degree (35%);
- Additional academic/professional training (15%);
- Relevant professional experience, preferably related to the activities to be performed in the project (35%);
- Applicant's motivation to participate in the project (15%).

The selection panel reserves the right not to select any applicant if none has a suitable profile for the duties concerned.

Composition of the selection panel:

The selection panel will consist of the following professors/researchers holding doctoral degrees:

Chair: João Malça – Coordinating Professor at the Coimbra Institute of Engineering, Polytechnic University of Coimbra

Full members:
Verónica Costa Oliveira – Researcher holding a PhD at the Institute of Applied Research, Polytechnic University of Coimbra

Inácio de Sousa Adelino da Fonseca – Adjunct Professor at the Coimbra Institute of Engineering, Polytechnic University of Coimbra

Alternate members:

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Gilberto Cordeiro Vaz – Coordinating Professor at the Coimbra Institute of Engineering, Polytechnic University of Coimbra

Sónia Cristina de Jesus Chelinho – Senior Officer at the Community Liaison Office of the Institute of Applied Research, Polytechnic University of Coimbra

Documents to be submitted:

The application must be accompanied by the following documents:

1. Application form available on the internet page for this competition at https://www.ipc.pt/bupc/concursos/form/concursos_bolseiros
2. Identification details, address of residence, identification document number and tax identification number;
3. Motivation letter;
4. Updated Curriculum Vitae (CV);
5. Proof of the required academic qualifications. Applicants holding a higher education qualification obtained abroad must have their degree recognised, where applicable;
6. Proof of enrolment in a doctoral programme or a non-degree-awarding course;
7. Other documents relevant to the assessment.

Application period:

10 working days, from 13/11/226 to 26/11/226.

Candidates must access and register on the website https://www.ipc.pt/sobre/rh/a-decorrer-bolseiros/ to submit their application, selecting the scholarship they wish to apply for.

The application must be submitted exclusively in digital format, in portable document format (pdf), with the exception of documents that must be submitted in other digital formats.

The application must be completed by completing the sections available at the aforementioned electronic address.

When submitting an application, if the application contains a classified document that reveals a commercial or industrial secret, or a secret relating to literary, artistic or scientific property, the candidate must expressly

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indicate such a reservation, otherwise the work in question may be freely accessed by any of the other candidates, in the context of the process consultation.

When submitting the application, the candidate must provide the data strictly necessary for this purpose, in accordance with this notice, and must hide any personal data that may exist in the submitted documentation, otherwise this data may be freely accessed by any of the other candidates, in the context of the process consultation.

Applicable legislation and regulations:

The fellowship is awarded based on the following legal instruments:

Law No. 40/2004 of 18 August, as currently amended (Scientific Research Fellowship Holder Statute);

Order No. 5963/2020 of 1 June, as currently amended (Research Fellowship Regulations of the Polytechnic University of Coimbra).

The templates for the fellowship agreement and the final reports to be prepared by the fellow and the scientific supervisor are those included in the annexes to the Scientific Research Fellowship Holder Statute referred to above.

Publication/notification of results:

The evaluation results will be announced within six working days of the application deadline, by email to the applicants. Following publication of the results, applicants will be notified of their right to submit comments during the prior hearing procedure within a maximum of 10 working days. Once this period has elapsed, selected applicants must confirm their acceptance in writing and communicate the actual fellowship start date. Unless an acceptable justification is provided, failure to submit this declaration within the specified period will be deemed a withdrawal from the fellowship. If the selected applicant declines or withdraws, the next highest-ranked applicant will be notified.

For further information, please contact the Community Liaison Office of the Polytechnic University of Coimbra by email: gic@ipc.pt

Coimbra, October 2026

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