



## ANNOUNCEMENT

### AWARD OF 1 RESEARCH GRANT FOR PHD HOLDERS, REFERENCE: E2S/RETAILL/00386800/BIPD/2025/16

A call is open for the award of 1 Postdoctoral Research Fellowship, within the scope of the project RETAILL - Retail Using Technology Based on Artificial Intelligence, funded by Programa temático Inovação e Transição Digital (COMPETE 2030), under Fundo Europeu de Desenvolvimento Regional (FEDER), Reference COMPETE2030-FEDER-00386800, under the following conditions:

#### 1. SCIENTIFIC AREA

Environmental and Health Sciences

#### 2. ADMISSION REQUIREMENTS

##### 2.1 – General requirements for application to a research grant:

- a) National citizens or citizens of another Member State of the European Union;
- b) Citizen of a third country;
- c) Stateless person or beneficiary of political refugee status;
- d) Holder of a Ph.D;
- e) Candidates who obtained their Ph.D abroad must have it formally recognized in Portugal, including conversion of the final grade into the Portuguese grading scale, in accordance with Decree-Law no. 66/2018, of 16 August.

##### 2.2 – Specific requirements:

Ph.D in Environmental Sciences, Health Sciences, or related scientific areas

##### 2.2 – Preferential factors:

Preference will be given to candidates with experience and competences in:

1. Calculation and interpretation of environmental metrics and indicators.
2. Application of Life Cycle Assessment (LCA) tools, using applicable normative references and commonly used software (SIMAPRO and/or OPENLCA).



3. Analysis of agri-food production systems, particularly regarding the identification of inputs, outputs, and process flows.
4. Use and application of tools in the area of statistics and Machine Learning.

### **3. WORK PLAN**

The fellow will collaborate in the following tasks of the project:

- A) Contribute to the design and development of the Life Cycle Assessment (LCA) system, with a focus on computational modelling and definition of environmental indicators.
- B) Support the design of algorithms for the automatic calculation of environmental impacts based on data collected along the supply chain.
- C) Collaborate in the creation of graphical models representing the life cycle of food products and identifying potential for environmental optimization.
- D) Contribute to the integration of the developed components into the created systems.
- E) Participate in defining test scenarios and evaluating prototypes in pilot contexts, with agri-food and retail sector stakeholders.
- F) Collaborate in analysing test results for the functional and technical validation of the integrated system.
- G) Take part in presenting communications at national and international scientific conferences and events.
- H) Contribute to producing technical and scientific communication materials for the project website and other dissemination channels.
- I) Participate in technical project meetings, assist in drafting technical reports, and document implemented methodologies and solutions.
- J) Contribute to dissemination of results, namely by preparing materials for technical presentations, submitting communications to scientific events, and preparing and submitting scientific articles

### **4. APPLICABLE LEGISLATION AND REGULATIONS**

- Law no. 40/2004, of 18 August, as amended by Decree-Law no. 202/2012, of 27 August, Decree-Law no. 233/2012, of 29 October, Law no. 12/2013, of 29 January, Decree-Law



no. 89/2013, of 9 July, Decree-Law no. 123/2019, of 28 August, and Decree-Law no. 65/2024, of 1 October.

- Article 37 of Decree-Law no. 63/2019, of 16 May.
- Regulation of Research Grants of FCT, I.P., no. 950/2019, of December 16, as amended by Regulation no. 643/2021, of July 14.
- Regulation of Research Grants of P.PORTO (P.PORTO/P-001/2020), approved by Order P.PORTO-P-015-2020.

## **5. SCIENTIFIC COORDINATION**

Scientific Coordinator: Edgar Augusto da Costa Pinto, Adjunct Professor, School of Health, Polytechnic Institute of Porto.

## **6. Scientific Supervision and Workplace**

Scientific Supervisors: Professor Edgar Augusto da Costa Pinto, Professor Matilde Alexandra Rodrigues and Professor Brígida Mónica Teixeira de Faria.

The work will be carried out at the School of Health, Polytechnic Institute of Porto.

Address: Rua Dr. Bernardino de Almeida, 400 City Porto Postal code:4200 - 072

Contacts: Phone +351222061000 e-mail geral@ess.ipp.pt Website <https://www.ess.ipp.pt/>

## **7. DURATION AND WORK REGIME**

The fellowship contract will last for the duration of the project, on an exclusive basis, in accordance with applicable regulations.

## **8. MONTHLY MAINTENANCE ALLOWANCE**

The amount of the grant is **€1851.00**, according to the current FCT table of values ([https://www.fct.pt/wp-content/uploads/2025/02/Tabela\\_valores\\_SMM\\_2025.pdf](https://www.fct.pt/wp-content/uploads/2025/02/Tabela_valores_SMM_2025.pdf)), paid monthly, plus reimbursement of voluntary social insurance, as provided for in the regulations..



## 9. SELECTION METHOD AND JURY COMPOSITION

### 9.1 – Applicant selection methods:

The selection methods to be used will be in accordance with the following selection criteria and respective weightings:

- A) Academic qualifications/adequacy of candidate profile to the position (0–20 points, weighting 30%);
- B) Proven experience in recent research, demonstration, and dissemination activities in the field of life cycle assessment, particularly in the agri-food sector, and environmental performance indicators (0–20 points, weighting 40%);
- C) Interview (0–20 points, weighting 30%).

For each of the criteria, the factors to be considered and their respective weights are as follows:

A) Qualifications/adequacy of the candidate's profile for the position, scored from 0 to 20 (weighting 30%)

#### I. Qualifications:

- 1) Doctorate in the area for which the competition is open, evidenced by the doctoral degree certificate and/or thesis title – 20 points
- 2) Doctorate in other related areas – 10 points

B) Proven experience in recent research, demonstration, and dissemination activities in the field of life cycle assessment, particularly applied to the agri-food sector, and in environmental performance indicators, scored from 0 to 20 (weighting 40%)

#### II. Scientific publications in journals with impact factor (Web of Science – Clarivate Analytics)

- 1.  $\geq 15$  scientific publications – 10 points
- 2. Between 5 and 14 scientific publications – 6 points
- 3.  $\leq 4$  scientific publications – 3 points

#### III. Oral communications at international conferences



1.  $\geq 6$  communications – 4 points
2. Between 3 and 5 communications – 2 points
3.  $\leq 2$  communications – 0 points

IV. Poster communications at international conferences

1.  $\geq 15$  communications – 2 points
2. Between 6 and 14 communications – 1 point
3.  $\leq 5$  communications – 0 points

V. Training (short courses/academic units) in the fields of environmental sustainability, life cycle assessment, and food safety

1.  $\geq 1$  course – 2 points

VI. Immediate availability, including for fieldwork (to be indicated in the motivation letter) – 2 points

C) Interview, scored from 0 to 20 (weighting 30%):

I. Communication and teamwork skills – 5 points

II. Demonstrated knowledge in the field of environmental sustainability, life cycle assessment, and food safety – 10 points

III. Critical thinking and problem-solving skills – 5 points

**9.2 – Tie-breaking criteria:**

In the event of a tie in the final ranking, the jury shall hold a vote in which all members participate, with the President of the jury having the casting vote in the event of a further tie.

**9.3 – Reasons for applicants exclusion:**

Applicants may be excluded from the call for the following reasons: :

- a) Failure to meet the requirements specified in the competition notice (point 2);
- b) Applicants scoring below 9.5 in any evaluation component will be excluded from the competition and will not proceed to the following component(s);



- c) Failure to attend the interview, when applicable, or the applicant's unavailability to provide any additional clarifications requested shall be considered as withdrawal from the competition.

#### **9.4 – Jury composition:**

President – Edgar Augusto da Costa Pinto, Adjunct Professor at E2S|P.PORTO.

Effective Member – Matilde Alexandra Rodrigues, Coordinator Professor at E2S|P.PORTO, who replaces the President in absences and impediments.

Effective Member – Brígida Mónica Teixeira de Faria, Coordinator Professor at E2S|P.PORTO.

Alternate Member – Maria Manuela Ramos Vieira da Silva, Coordinator Professor at E2S|P.PORTO.

### **10. METHOD OF PUBLICATION/NOTIFICATION OF RESULTS**

The results of the competition will be communicated to the applicants electronically, via the email address provided in the application, in accordance with the deadlines established in the P.PORTO Research Grant Regulations. The minutes shall be obligatorily archived by the jury on the support platform for this competition: <https://domus.ipp.pt/concursos/ess/pessoal/>.

### **11. DEADLINE AND PROCEDURE FOR SUBMITTING APPLICATIONS**

#### **11.1. APPLICATION Deadline:**

The competition is open for a period of 10 working days, from 01/10/2025 to 14/10/2025.

Date of publication: 30/09/2025.

#### **11.2. Procedure for submitting applications:**

Applications must be formalized by completing the electronic application form, which is available at <https://www.ess.ipp.pt/ess/recrutamento/bolsas-de-investigacao/bolsas-de-investigacao>,

and submitting it together with all required documents by the established deadline.

Applications sent by email or through any other electronic means than that specified will be automatically excluded.



### 11.3. Application supporting documents:

- 1) Curriculum Vitae;
- 2) Academic certificates, or their official recognition (with conversion of the final grade), when awarded by foreign higher education institutions, without prejudice to the provisions of paragraph 1 of the following section;
- 3) Proof of enrollment in a degree program or a non-degree course, if the applicant is not a student of P.PORTO, without prejudice to the provisions of paragraph 2 of the following section;
- 4) Declaration, under honor pledge, stating that:
  - (A) The applicant is aware of the current P.PORTO Research Grant Regulations and undertakes to comply with it;
  - (B) The applicant does not exceed, with the signing of the present grant contract, the maximum legally established period, whether continuous or cumulative.
- 4) Any other documents the applicant considers relevant.

### 11.4. Application supporting documents: specific conditions:

The proof documents mentioned in item 2 of the preceding section, of the following type::

- 1) Academic degree(s) and diploma(s), or their recognition when awarded by foreign higher education institutions – mandatory whenever degree ownership is a condition of admission or a selection criterion for applicants. However, it may be waived at the application stage and replaced by a declaration of honor by the applicant, with verification of this condition taking place only at the grant contracting stage;
- 2) Proof of enrollment in a degree program or in a non-degree course, in the case of applicants who are not P.PORTO students – mandatory whenever enrollment is an admission requirement. The awarding of the grant will be conditional upon valid enrollment within six months from the date of notification of approval in the scientific evaluation stage.

## 12. TIME LIMITS AND PROCEDURES FOR COMPLAINTS AND APPEALS

The final decision may be contested within 15 working days (complaint) or appealed to the President of P.PORTO within 30 working days, following notification, in accordance with Article 12 of the current P.PORTO Research Grant Regulations.



### 13. EXPENSE AUTHORIZATION

Expense Authorization Request No.: ESS6649

Project Reference: COMPETE2030-FEDER-00386800

Project Title: RETAILL - Retail Using Technology Based on Artificial Intelligence

26 of September of 2025. – The President of the School of Health of Polytechnic Institute of Porto,  
*Professor Maria Cristina Prudêncio Pereira Soares.*