



1 Research Grant Announcement

Call open for applications for a research grant to perform activities within the framework of Project RESURGENCE – “INDUSTRIAL WATER CIRCULARITY: REUSE, RESOURCE RECOVERY AND ENERGY EFFICIENCY FOR GREENER DIGITISED EU PROCESSES”, with the Grant Agreement number 101138097, funded by the European Union, in the scope of Horizon Europe Framework Programme”, under the following conditions:

Scientific Area: Environmental Engineering or Chemical Engineering

Admission requirements: Candidates who cumulatively meet the following two requirements may apply for this grant:

Requirement 1:

- Be a student enrolled in a doctoral program in the area of Environmental Engineering or Chemical Engineering, a requirement to be duly proven at the time of signing the contract.

and

Requirement 2:

- Hold a master’s degree in Environmental Engineering or Chemical Engineering or related field.

If the degree has been awarded by a foreign higher education institution, it must comply with the provisions of the Decree-Law no. 66/2018, of august 16th, and any formalities established there must be fulfilled until the time of signing the contract.

Activity Outline: The proposed work aims at the treatment/reuse of industrial wastewater by advanced oxidation processes and separation with membrane technologies.

Legislation and regulations: Law Nº. 40/2004, of 18th August, in its current wording (Statutes of Scientific Research Fellow) and Regulation of Research Grants of University of Porto, in force.

Work place: The work will be developed at the Department of Chemical Engineering of the Faculty of Engineering of the University of Porto (FEUP), under the scientific supervision of Professor Adrián Manuel Tavares da Silva, Doctor Ana Rita Lado Teixeira Ribeiro and Doctor Olívia Salomé Gonçalves Pinto Soares.

Grant duration: Initial duration of **12 months**, with the predicted starting date in **June 2024**, on an exclusive basis, eventually renewable but never exceeding the project duration.

If it is not possible to ensure the duration of 12 months estimated in the previous paragraph, this duration will be adjusted according to the end date of the project, and provided that the minimum duration of 3 consecutive months, in accordance with paragraph 2 of article 10 of the Research Regulation of Research Grants of University of Porto, the grant will not be awarded.

The eventual renewal of the scholarship will be carried out as determined in article 10 of the Regulation of Research Grants of University of Porto.

Stipend: The monthly amount of the grant varies between 1.259,64 euros, according to the table of values of the Regulation of Research Grants of University of Porto, and 1650,00 euros, depending on the profile and previous experience of the candidate in the project area. The payment will be made by bank transfer.

Selection procedure:

The curriculum of the candidates will be evaluated based on the merit of the candidate, and the following factors will be assessed:

- a) Academic training (Master in Environmental Engineering or Chemical Engineering – 5 points; others masters – 2 points);
- b) Academic classification in the degrees obtained. The score is assigned as follows:
 - Final average equal to or higher than 16/20 points – 5 points;
 - Final average equal to 15/20 points – 4 points;
 - Final average equal to 14/20 points – 3 points;
 - Final average lower than 14/20 points – up to 2 points;

To determine the academic classification, the following formula will be used: (1st Cycle Average + 2nd Cycle (Master) Average)/2 or classification of Integrated Master.

- c) Research experience and publications in the area of the activity outline – up to 5 points; in related areas – up to 3 points; in other areas – up to 1 point.

The three best-ranked candidates in the curricular evaluation, that have achieved nine (9) or more points, will be interviewed (up to 5 additional points). Topics related to the work plan, experience, motivation and candidate's CV will be discussed during the interview. The final score results from the sum of the curricular evaluation and the interview. The scholarship will not be awarded if none of the candidates achieves a minimum final score of thirteen (13) points.

Selection Jury:

President: Professor Adrián Manuel Tavares da Silva

Effective member: Doctor Ana Rita Lado Teixeira Ribeiro

Effective member: Doctor Olívia Salomé Gonçalves Pinto Soares

Supplementary member: Doctor Ana Margarida Gorito Gonçalves

Supplementary member: Professor Manuel Fernando Ribeiro Pereira

Advertisement of final decision: The results of the evaluation will be released to the candidates



by email to the email address indicated in the application process.

Deadline for applications and form of presentation of the applications:

The call is open from 01-04-2024 to 12-04-2024 (until 23h59m, GMT time).

Applications must be formalized by email to adrian@fe.up.pt and to recursoshumanos@fe.up.pt, clearly stating the reference **FEUP-PhD-RESURGENCE** and including the following pdf documents:

- Motivation letter;
- Copy of certificates evidencing the academic degrees (referring the classification of each separated or integrated degree);
- Detailed *Curriculum Vitae*;
- Other documents considered relevant by the applicant.

In order to ensure that all documents can be read, the preferred saving format is the Portable Document Format (.pdf).