

CHAIR OF RENEWABLE ENERGIES
POST DOC RESEARCH GRANT - 1 VACANCY

14 of September of 2023

A call for tenders is open for one Post Doc Research Grant within the scope of the project **ATE** - Aliança para a Transição Energética (Reference C644914747-00000023) and project **NGS** - New Generation Storage (Reference C644936001-00000045), financed by national funds through the “Agendas Mobilizadoras para a Inovação Empresarial” through the “Programa Recuperação e Resiliência (PRR)”, under the following conditions:

Scientific Domain: Social sciences

Scientific area: Economics and management, Economic and social geography

Scholarship topic: Competitiveness study of energy vector production and storage technologies in the context of the Energy Transition

Admission requirements:

- Knowledge of solar energy systems and energy storage systems, with knowledge of different technologies and their applications.
- Solid and specialized knowledge in renewable energy, market competitiveness, economic analysis, sustainable development, energy policies, among other related topics.
- Advanced skills in data analysis, using statistical methods and software tools in the indicated areas.
- Familiarity with current legislation regarding the energy sector.
- Experience with market and economic modeling and simulation for renewable energy.
- Good command of programming languages and experience in using mathematical simulation software.
- Experience in preparing technical reports, scientific publications and presentations to disseminate research results.
- Familiarity with writing research and competitive funding proposals, aligned with the topics covered.

Regarding the “BIPD” (**postdoctoral scholarship**), in terms of the requirements to be verified for their attribution (article 7 of the FCT Research Grant Regulation no. 950/2019) the need for a doctoral degree to have been obtained in the 3 years prior to the date of submission of the application to the scholarship and, in terms of its execution, the fact that it can only be renewed for a maximum period of 3 years.

Work plan:

- Research applied to the renewable energy and energy storage sector, focusing on solar technologies, for comparative assessment of their competitiveness factors and definition of assessment methodologies.
- Development of models and simulations to assess market competitiveness, energy policies and sustainable development.
- Collect and analyze data to assess the technical and economic feasibility of implementing these solutions.

Applicable legislation and regulations: The granting of the Research Scholarship will be carried out upon the signing of a contract between the University of Évora and the scholarship holder, as set in the template [former.fct.pt/apoios/Minuta_Contrato_Bolsa.docx](https://www.fct.pt/apoios/Minuta_Contrato_Bolsa.docx), pursuant to the Research Scholarship Statute (Law No. 40/2004 of August 18 and Decree-Law No. 123/2019 of August 28) and in accordance with the legislation and Regulation of Research Grants of the Foundation for Science and Technology, IP in force, regulation nº950/2019 of December 16, 2019: <https://files.dre.pt/2s/2019/12/241000000/0009100105.pdf> and other applicable rules.

Place of work: The work will be developed at Renewable Energies Chair at the Polo da Mitra of the University of Évora, under the scientific guidance of the Doctor Pedro Horta.

Duration of the scholarship(s): The scholarship will have a duration of 12 months, starting on January of 2024. The scholarship contract may be renewed up until the end of the funding project's budget allocation.

Amount of monthly maintenance allowance: The amount of the scholarship corresponds to € 1 741,00, according to the table of scholarships awarded directly by FCT, I.P. in Portugal (https://www.fct.pt/wp-content/uploads/2023/02/Tabela-de-Valores-SMM_2023.pdf), payments being made monthly, by check or bank transfer.

Selection methods: The selection methods to be used will be the following:

- curriculum evaluation (100%)

If deemed necessary by the jury, for additional clarification or tie-breaking purposes, the first two candidates for each grant may be called for a selection interview.

If an interview is used, the evaluation will be as follows:

- curriculum evaluation (85%)
- interview (15%)

Composition of the Selection Jury:

President – Pedro Horta (Coordinating Researcher - Renewable Energy Chair)
1st Jury Member – Luís Fialho (Principal Researcher - Renewable Energy Chair)
2nd Jury Member – Radia Ait El Cadi (Researcher - Renewable Energies Chair)
1st Substitute – Diogo Canavarro (Assistant Researcher - Renewable Energies Chair)
2nd Substitute – Afonso Cavaco (Researcher - Renewable Energies Chair)

Advertising/notification of results: The final results of the evaluation will be publicized, through an ordered list by final grade obtained posted in a visible and public place at the University of Évora Renewable Energies Chair at the Polo da Mitra, being the candidate (a) approved notified through email.

To ensure the right of prior hearing of interested parties, the Final Classification project will be announced by any written means to all interested parties.

After communicating the provisional list of the results of the evaluation, candidates have a period of 10 working days to express their opinion in a preliminary hearing of interested parties.

Application deadline and submission of applications: The tender is open from 26 of September of 2023 to 31 of October of 2023 and the results of the selection will be published by 13 of November of 2023.

Applications must be formalized, obligatorily, by sending an application letter with the following documents: Curriculum Vitae, certificate of qualifications, reference or recommendation letters and other supporting documents considered relevant.

For the purposes of application, the evidence may be replaced by a declaration of honor signed by the candidate, but the failure to demonstrate that evidence, in the contracting phase, possession of the required degree on the deadline for application or the non-presentation of proof of enrollment in the study cycle or non-degree course, for scholarships with this component, imply the cancellation of the candidate's application.

Academic degrees obtained in foreign countries require registration by a Portuguese Institution in accordance with Decree-Law no. 66/2018, of August 16 and Ordinance No. 33/2019, of January 25th.

The presentation of the certificate is mandatory for the signing of the contract. More information can be obtained at: <https://www.dges.gov.pt/pt/pagina/recognition?plid=374>

Applications must be sent by email to:

Renewable Energies Chair at the University of Évora

e-mail: catedraer@uevora.pt

Subject: SOC CER Postdoctoral Scholarship Application