

RENEWABLE ENERGIES CHAIR

RESEARCH SCHOLARSHIP FOR BACHELOR'S DEGREE – 2 VACANCIES

18 of January of 2023

A call for tenders is open for **2 Scholarships for bachelor's degree**, within the scope of the project **NEXUS: Innovation Pact – Green and Digital Transition for Transport, Logistics and Mobility**, funded by the Portuguese Recovery and Resilience Plan program, through the European Union – NextGenerationEU (2022-C05i0101-02/ C645112083-00000059), under the following conditions:

Scientific area: Engineering and Environment

Admission requirements:

- _ Bachelor's Degree in Renewable Energies Engineering, or equivalent to the scientific area indicated. _ This is an eliminatory condition.
- _ Attendance of the Master in Solar Energy Engineering. This is an eliminatory condition.
- _ Scientific experience in the field of photovoltaic applications or for the generation of renewable energy;
- _ Preferably to have knowledge and experience in the areas of photovoltaic energy systems and applications.
- _ Good skills regarding analysis and data collection, and bibliographical analysis;
- _ Good command of English and Portuguese, these will be the working languages.
- _ Good ability to work independently and in an organized manner.

As set forth FCT Research Scholarship Regulation No. 950/2019 of December 16, 2019, article 3 and 6, candidates for “**BI**” (Research Grants) must comply as a rule condition for the award of the scholarship, the effective inclusion in study cycles leading to the attribution of academic degrees or in courses not leading to an academic degree. Courses that do not confer an academic degree correspond to the courses provided for in subparagraph e) of paragraph 3 of article 4 of Decree-Law No. 74/2006 of 24 March and must be developed in a higher education institution in association with at least one R&D unit, including a course plan in one or several research areas of the unit.

Work Plan:

The work plan foreseen for the Scholarship is related to the activities of the NEXUS project in the scope of decarbonisation of activities and logistics at the Port of Sines and includes:

- analysis of the legal framework for photovoltaic and storage applications;

- study and analysis of the characteristics of the Port of Sines and definition of the potential for photovoltaic solar energy production, within the scope of its business model;
- study, analysis and definition of energy storage assets;
- support in the study and development of management and monitoring tools for these assets.
- support in the production of project reports and deliverables and possible publication of scientific results.
- support in the tasks and projects ongoing in the Renewable Energies Chair.

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, 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.

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

Duration of the scholarship(s): The scholarships will have a duration of 12 months, starting on March of 2023. The scholarship contract may be renewed until the end of the financing project's budget allocation.

Amount of monthly maintenance allowance: The amount of the scholarship corresponds to €875,98, according to the table of scholarships awarded directly by FCT, I.P. in Portugal (https://former.fct.pt/apoios/bolsas/docs/Tabela_de_Valores_SMM_2022.pdf), payments being made monthly, by check or bank transfer.

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

Academic Qualifications: 50%

Classification: 50%

Adequacy: 50%

Curriculum Analysis: 50%

Scientific Activity: 50%

Experience in requested topics: 50%

Composition of the Selection Jury:

President – Dr. Luís Fialho (Principal Researcher - Renewable Energies Chair)

1st Member – Dr. Afonso Cavaco (Researcher – Renewable Energies Chair)

2nd Member – Dr. Diogo Canavarro (Auxiliary Researcher - Renewable Energies Chair)

1st Substitute – Dr^a. Radia Ait El Cadi (Researcher - Renewable Energies Chair)

2nd Substitute – Dr. Pedro Horta (Chair holder – Renewable Energies Chair)

Advertising/notification of results: The final results of the evaluation will be publicized, through a list sorted by final grade posted in a visible and public place at the University of Évora (Renewable Energies Chair, Polo da Mitra), and the selected candidate will be notified by 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 20 of January of 2023 to 3 of February of 2023 and the results of the selection will be published by 10 of February of 2023.

Applications must be formalized, obligatorily, by sending an application letter with the following documents: ***Curriculum Vitae, certificate of academic qualifications 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:

Doctor Luis Fialho

Renewable Energies Chair of the University of Évora

email: catedraer@uevora.pt



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