

NOTICE FOR THE ATTRIBUTION OF RESEARCH FELLOWSHIP
Lab2PT/AZEB/01-2022

1. Type and number of fellowship(s) to be granted:

1 research fellowship BI, reference Lab2PT/AZEB/01-2022.

2. Scientific area: Architecture

3. Funding source: The fellowship granted under the present tender will be financed by the Azores EcoBlue project, financed by EEA Grants Portugal, through the Bilateral Relations Fund, Blue Growth Program.

4. Recipients: The fellowship to be granted is intended for Doctoral students in Architecture, or holders of a master's degree in Architecture, enrolled in a non-academic degree course integrated in the educational project of a higher education institution developed in association or cooperation between the institution of higher education and one or more R&D units.

5. Candidates eligibility: Candidates must meet the eligibility conditions provided in the "Regulamento de Bolsas de Investigação Científica (RBIC)" of the University of Minho published in Diário da República n.º 199/2020, series 2, of 22 June 2020 (order n.º 6524/2020).

6. Profile:

Can apply for the present tender:

- National citizens or citizens of other Member States of the European Union;
- Citizens of third States;
- Stateless;
- Citizens who are beneficiaries of political refugee status.

6.1 Candidate admissibility requirements

Candidates must, on the date of the application, hold a Master degree, in the scientific area of Architecture.

Will be valued by the jury the curriculum that reveals:

- experience in scientific research in the field of construction and technology, mastering instruments for measuring thermal, lighting and acoustic comfort, software and computer tools (CAAD, thermal, daylight and acoustic simulation), 3D modeling and rendering, rapid prototyping, knowledge of textile production processes;
- experience in the conception of innovative construction products;
- experience in organizing scientific events;
- published scientific articles;
- written and spoken command of the English language.

6.2 Application Admissibility Requirements

It is imperative, under penalty of non-admission to the Tender, to attach the following documents to the application:

- Candidate's curriculum vitae;
- Qualification certificate(s) mandatorily specifying the final classification and, if possible, the classification obtained in all subjects taken, or, in alternative, a declaration of honour by the candidate.
- For degrees obtained abroad, a certified document of recognition, issued by a Portuguese institution, of the academic degrees granted by foreign higher education institutions, with the respective conversion of the final classification to the Portuguese classification scale, or, alternatively, a declaration of honour by the candidate;
- Motivation letter.

Candidates may apply without prior registration in the courses for which the scholarship is open. The requirement to enrol in a degree-granting or non-degree-granting course will be verified on the date of contracting the fellowship.

- Only fellowships whose selected candidates present valid proof of enrolment in the degree awarding or non-degree-granting-course will be contracted, according to the type of fellowship in tender, issued by the academic services of the Higher Education Institution, respectively with the indication of the current academic year or its duration (beginning and end).

7. Work plan and objectives to be achieved:

The Fellowship holder will carry out research activities within the scope of the research project "Azores EcoBlue", which will consist in particular of the following tasks:

- Support in the creation of products using raw materials collected from the sea (Examples: – lamps, umbrellas, isolating blanket and/or panel system for construction);
- Support in the conception of a construction system combining heavy local materials such as anchor elements, wood for structure and recycled materials for isolation, panels and shading that can be flexible enough to be installed in different coastal climatic regions;
- Prediction of the thermal, luminous and acoustic behaviour of construction elements through simulation, including experimental validation of the functional performance in test cells;
- Assessment of the economic viability of the proposed solutions;
- Support in the optimization of an eco-hut prototype that will constitute a showroom for the presentation of products made with waste, such as furniture, home textiles and accessories;
- Development of a computer application for the evaluation and multi-criteria optimization of functional parameters in buildings; application of the tool in the optimization of the aforementioned eco-hut; experimental validation of the functional performance of the built prototype;
- Support in the organization of a workshop/seminar/conference: aiming to guide and teach students, local communities and professionals on how they can merge and integrate sustainable principles into their daily lives and activities (reuse of materials in fishing, crafts, product design, architecture and construction);
- Presentation and publication of results in conferences, scientific journals and selection of applicable/appropriate funding lines; to enable the continuity of the project; support in writing the project's interim and final reports.

8. Applicable legislation and regulations: Research Fellowship Statute (EBI), approved by Law No. 40/2004 of August 18, in the current wording published by Decree-Law No. 123/2019 of August 28; and Regulation of Scientific Research Fellowships (RBIC) of the University of Minho published in Diário da República n.º 199/2020, series 2, of June 22, 2020 (order n.º 6524/2020).

9. Contracting Entity: Universidade do Minho, *Campus* of Azurém, 4800-058 Guimarães, Portugal

9.1 Hosting unit for the research work and scientific guidance: Work will be developed at the facilities of the Landscape, Heritage and Territory Laboratory and of 2C2T - Centre for Textile Science and Technology of the Universidade do Minho, at the *Campus* of Azurém, under the scientific guidance of Professor Paulo Mendonça and Professor Miguel Carvalho.

10. Duration of the fellowship(s): The fellowship will have the length of 6 (six) months, predictably starting in February 2023, eventually renewable for a maximum additional period of 6 (six) months, making a cumulative total of 12 (twelve) months.

Under no circumstances may the fellowship exceed the maximum duration of the project and/or applicable legislation.

Note: Candidates admitted to the tenders must meet the conditions that enable them, under the applicable Research Fellowships Regulations, to comply with the maximum legal duration for the type of fellowship stipulated in the opening notice for the tender, considering the fellowships from which they eventually benefited previously, in a consecutive or interpolated period.

10.1 Amount of the monthly maintenance stipend: The amount of the fellowship, paid monthly by bank transfer to the account identified by the candidate, corresponds to 1144,64 euros, according to the Annex II of the Regulamento de Bolsas de Investigação of the University of Minho, published in Diário da República, 2nd series, no. 119, order no. 447/2021 of 22-06-2021, according to the applicable regulation.

10.2 Other benefits: Refund of the Voluntary Social Insurance, corresponding to the 1st Level of the contributory base (for fellowships with a duration equal to or greater than 6 months) and Personal Accident Insurance.

10.3 Exclusivity regime: The execution of functions as a fellowship holder is exercised on an exclusive basis, under the terms set in article 5 of the Research Fellowship Holder Statute and applicable research fellowship regulations.

11. Period of application and form of presentation of the applications: The tender is open from the period of 28/11/2022 a 13/12/2022.

Applications must be formalized, mandatorily, by sending an email accompanied by the following documents:

- a) Detailed curriculum vitae;

- b) Qualification certificate(s) mandatorily specifying the final classification and, if possible, the classification obtained in all disciplines taken, or, in alternative, a declaration of honour by the candidate.
- c) For degrees obtained abroad, registration of recognition of academic degrees granted by foreign higher education institutions and registration of the conversion of the respective final classification to the Portuguese classification scale, or, alternatively, a declaration of honour by the candidate;
- d) Motivation letter.

Applications must be sent by email to info@lab2pt.uminho.pt, indicating the reference of the tender in the Subject "Lab2PT/AZEB/01-2022". Applications sent by other means or extemporaneous will not be accepted.

12. Evaluation and selection criteria and procedures:

The evaluation of the applications will focus on the candidate's Merit, being applied the following evaluation criteria, valued on a scale of 1 to 20 points:

Merit of the candidate - MC (100%):

- A.1: Education and academic path, with a weighting of 30%;
- A.2: Mastery of thermal, lighting and acoustic comfort measurement instruments and 2D and 3D CAAD computer tools (Rhino, Autocad, Archicad, Lumion), Grasshopper, Thermal Simulation (Energy Plus) and lighting (Radiance), 3D Prototyping and product development sustainable construction, with a weighting of 30%;
- A.3: Experience in research, publication and organization of scientific events, with a weighting of 30%;
- A.4: Proficiency in English, with a weighting of 10%.

The classification for the merit of the candidate will be obtained by applying the following formula:

$$MC=(A1*0,3)+(A2*0,3)+(A3*0,3)+(A4*0,1)$$

The jury reserves itself the right not to grant the fellowship if there are no candidates with the appropriate profile for the tender.

The documents proving the ownership of academic degrees and diplomas, or the respective recognition when they have been awarded by foreign institutions of higher education, can be dismissed in the application phase, being replaced by a declaration of honour of the applicant, occurring the verification of this condition only during the contracting phase of the fellowship. This declaration of honour must address facts that occurred on a date prior to the application. In situations of divergence between the information contained in the declaration of honour and the documentation delivered for the purpose of the contract for the fellowship, only the information contained in the latter will be considered. If it occurs that the documents

proving ownership of the academic degree and diploma, or the respective recognition under the terms of Decree-Law no. 66/2018, of 16 August, do not correspond to the classifications attributed in the evaluation of the academic path and may consequently change the candidate's ranking, the fellowship contracting will not be made effective.

Note: Candidates with degrees obtained abroad must present a proof of recognition of those qualifications in Portugal and a conversion of the final classification obtained in the degree to the Portuguese classification scale or a declaration in the terms indicated in the previous point. To the candidates who do not comply with one of these provisions, the jury will assign the minimum grade in the degree and / or master's course grade, according to the defined scale of values.

13. Composition of the Selection Jury

President

Paulo Jorge Figueira de Almeida Urbano de Mendonça, Associate Professor at the Escola de Arquitetura, Arte e Design da Universidade do Minho.

Effective vowels

Miguel Ângelo Fernandes Carvalho, Assistant Professor at the Escola de Engenharia of the Universidade do Minho.

Rute Maria Gonçalves Eires, Assistant Professor at the Escola de Engenharia of the Universidade do Minho.

Substitute vowels

Vincenzo Riso, Associate Professor at the Escola de Arquitetura, Arte e Design da Universidade do Minho.

Bruno Acácio Ferreira de Figueiredo, Assistant Professor at the Escola de Arquitetura, Arte e Design da Universidade do Minho.

In the event of impediment by the President of the Jury, he will be replaced by the first effective vowel, and the substitute vowel will be appointed to replace the effective vowel.

14. Dissemination of the Results

The final results of the evaluation will be publicized through a list sorted by the grade obtained, posted in a visible and public place of the Hosting Unit, as well as by email to all candidates, being attached, for that purpose, the minutes with the deliberations of the jury, up to 90 working days after the deadline for submission of applications. The notification will be sent to the email address used/indicated by the candidates when submitting the application, with a message delivery report.

15. Complaint and Appeal Procedures:

In case of the result being unfavourable to the grant of the requested fellowship, candidates have a period of 10 working days to pronounce themselves, if they wish, in the context of a hearing with the interested

parties, under the terms of article 121º and 122º of the Administrative Procedure Code (DL nº 4 / 2015 of January 7).

The final decision can be appealed, within 15 working days, with a complaint addressed to the President of the Jury. Interested parties may also submit an optional hierarchical appeal, addressed to the Pro-Rector for Research and Projects, Professor Sandra Paiva.

16. Documentation to be provided for contracting

The selected applicant must express his / her intention to accept the scholarship in a written response. In case of non-acceptance, the fellowship will be awarded to the candidate by the order of the final ranking.

For the purpose of contracting the fellowship, the granted candidate(s) must send the following documents:

1. Individual identification form (minute sent by email)
2. Fellowship usufruct history (certificates/declaration of honour);
3. Declaration of acceptance of the fellowship (minute sent by email);
4. Copy of the civil, fiscal and, when applicable, social security identification document(s);
5. IBAN;
6. Copy of the qualifications certificate for the academic degree required in the opening notice of the tender or proof of enrolment in a course of non-academic degree and/or presentation of the registration of recognition of foreign academic degrees and conversion of the respective final classifications to the Portuguese rating scale, if applicable;
7. Curriculum Vitae;
8. CIÊNCIA ID (requires registration on the platform <https://www.cienciaid.pt/CiencialD/HomePage.aspx>);
9. Declaration of exclusivity (minute sent by email).

The failure to deliver any of the necessary documents to complete the fellowship contracting process, within 6 months from the date of communication of the decision conceding the fellowship, implies the forfeiture of said conceding and the termination of the process.

17. Mandatory documents for contracting:

The granting of the fellowship occurs through the signature of a contract between Universidade do Minho and the grantee, according to the contract minute (annex IV of the Scientific Research Grant Regulation of the University of Minho – order nº 6524/2020 of 22-06-2020, rectified through rectification statement No. 447/2021 of 06-22-2021) in its updated version in accordance with point 2.4 of the "[Norms for Granting and Management of Fellowships in the context of R&D Projects, including infrastructure projects, from the pluriannual financing program for R&D units and other FCT financing instruments \(Version 2021\)](#)".

Without prejudice to the other predicted causes in the applicable fellowship regulations (FCT and UMinho) and in the Research Fellowship Statute, the fellowship ends with the conclusion of the contracted work plan, as well as with the end of the period for which it was granted or renewed. At the end of the fellowship, the fellowship holder is obligated to present the Final Report of the accomplished work, in accordance with the objectives and evaluation criteria defined with the scientific advisor, within 30 days after the end of the fellowship. The final report must be elaborated in accordance with annex I of the Scientific Research

Fellowships Regulation of the Universidade do Minho - order No. 6524/2020 of 06-22-2020, amended by rectification statement No. 447/2021 of 06-22 -2021. Contract template and final report template ([link](#)).

18. Reserve/substitutes list: in case of cancellation of the fellowships, within 6 months after their attribution, the vacancy(s) will be filled by the candidate(s) from the list of substitutes, according to the final order.