

English version

THE RESEARCHER'S MOBILITY PORTAL • PORTUGAL



If you are a researcher planning your next move in Europe look here for career opportunities in Portugal and to find relevant information and assistance



Home page

### For Organisations

- ▶ Post research opportunities
- ▶ Find the ideal candidate
- ▶ List of registered organisations

### For Researchers

- ▶ Post your CV
- ▶ Find research opportunities
- ▶ Practical information
- ▶ Foreign Researchers Guide 
- ▶ Useful links

### Portuguese Mobility Centres

- ▶ List and locate Portuguese Mobility Centres .

### Research Landscape

- ▶ Portuguese research landscape  
Find out how research is organised in Portugal.
- ▶ Portuguese research policy  
Find out about research policy in Portugal.
- ▶ Women in science  
Find out about the situation of women scientists.

### Post Research Opportunities

Unique identifier: 88bf6551-e74b-4ef5-9ac2-47200ac3640e

#### English

#### 1. Descrição do cargo/posição/bolsa 1. Job description

##### Job:

Research Grant for candidates with master's degree

**Job/Fellowship Reference:** EcOffShorBE - NORTE-01-0247-FEDER-037417-UM.2.19

**Main research field:** Engineering

**Sub research field:** Civil engineering

##### Job summary:

A call is open to award one research grant to develop research activities within the Project "EcOffShorBE – Eco Offshore Built Environment", NORTE-01-0247-FEDER-037417, financed by FEDER through Northern Regional Operational Programme, in the following conditions:

##### Job description:

A call is open to award one research grant to develop research activities within the Project "EcOffShorBE – Eco Offshore Built Environment", NORTE-01-0247-FEDER-037417, financed by FEDER through Northern Regional Operational Programme, in the following conditions:

**Research Field:** Civil Engineering - Structures

**Requirements for admission:** Master in Civil Engineering; Fluent in written and spoken English. The candidates with master degree, and those with Bachelor and Master must have an average final classification equal or greater than 14 out of 20. For the evaluation of the final average classification of the candidates with Bachelor and Master, it will be attributed a weight of 60% to the final classification in the Bachelor and 40% to the final classification in the Master.

**Work plan:** The work will be developed within a R&D Nucleus that aims to study the problems associated with the maritime environmental exposure of concrete when applied in offshore structures. The aim is to study of the performance and durability of fibre reinforced cementitious matrix materials applied to offshore structures, mainly: 1) state of the art of the mechanical behaviour and durability of cementitious matrix materials reinforced with fibres applied in offshore structures; 2) strategies for improving the mechanical and durability of fibre-reinforced cementitious materials with potential application in offshore structures; 3) evaluation of construction and demolition waste for incorporation in cementitious matrix materials; 4) calibration and numerical software assessment of solid-fluid interaction, dynamic analysis, fatigue model behaviour and thermo-hygrometric phenomena in the context of the offshore construction service associated with energy production.

**Applicable legislation and regulations:** Law Nº. 40/2004, of 18 August (status of the scientific researcher fellow); Regulation of the research grants of the Portuguese Foundation for Science and Technology. (<http://www.fct.pt/apoios/bolsas/regulamento.phtml>)

**Work place:** The research work will be developed at the School of Engineering of University of Minho (ISISE – Institute for Sustainability and Innovation in Structural Engineering), under the scientific supervision of Professor José Sena Cruz and Professor Joaquim Barros.

**Duration of the Grant:** The grant will have the duration of 12 months, beginning in March, 2019, eventually renewed up to the maximum of 24 months into the timetable for the project.

**Monthly value of the grant:** The value of the grand corresponds to €980, according to the pay scale for the grants funded directly by FCT, I.P. in Portugal (<http://alfa.fct.mctes.pt/apoios/bolsas/valores>).

**Selection criteria:** The following methods for selection will be used: curricular assessment, considering the academic performance and previous experience in the field (55%); interview (35%); proficiency in both written and spoken English (10%). The detailed description of the evaluation criteria can be seen below:

1. Academic performance (AP) – 55%
  - 1.1. AP1 – MSc grade: 55%
  - 1.2. AP2 – Scientific production (papers, reports, etc.): 20%
  - 1.3. AP3 – Previous experience in the field of the project: 25%
2. Interview (IN) – 35%
  - 2.1. IN1 – Clarity in presenting scientific work: 50%
  - 2.2. IN2 – Demonstrated knowledge about the field (Q&A): 50%
3. Proficiency in both written and spoken English (EN) – 10%

The final ordering will be obtained through the following formula:

$$\text{Final grade} = 0,55(\text{AP1}+\text{AP2}+\text{AP3}) + 0,35(\text{IN1}+\text{IN2})+0,10 (\text{EN})$$

The grade obtained is expressed in the numerical scale between 0 and 5.

Candidates with AP less than 3.5 points are considered immediately excluded.

For candidates with AP equal to or greater than 3.5 points, the evaluation process includes the interview (IN).

Candidates with final grade less than 3.5 points are considered excluded from the final selection process.

#### Jury:

José Manuel de Sena-Cruz, Associate Professor at UM (President)

Joaquim António Oliveira de Barros, Full Professor at UM (Effective member)

José Luís da Silva Pinho, Associate Professor at UM (Effective member)

Maria Isabel Brito Valente, Assistant Professor at UM (Substitute member)

**Publicitation / notification of results:** the final results will be sent by email to the candidates.

**Application period and structure of the application:** The call is open from 30/01/2019 to 12/02/2019.

Applications must be made through an application letter together with the following documents: *Curriculum Vitae, certificates of graduation degrees and other documents considered relevant.*

**Candidates with foreign academic diplomas are obliged to present records of the equivalence/recognition of such diplomas and the conversion of the respective final notes to the Portuguese classification scale (whenever a final classification is attributed with the foreign diploma), issued by the Directorate-General for Higher Education or by a Portuguese public higher education establishment (regulated by Decree-Law no. 341/2007, of 12 October) or, in alternative, present the document of equivalence/recognition of such foreign qualifications to the corresponding Portuguese qualifications, issued by a Portuguese public higher education establishment (regulated by Decree-Law no. 283/83, of 21 June).**

Applications must be delivered personally during the period from 9h to 17h at the address indicated below, or sent by post to Prof. José Sena Cruz, Departamento de Engenharia Civil da Escola de Engenharia da Universidade do Minho, 4800-058, Guimarães, Portugal. The documents can also be send by email: [jsena@civil.uminho.pt](mailto:jsena@civil.uminho.pt), or by fax: (+351) 253 510 217.



**Vacant posts:** 1

**Type of contract:** Information not available

**Job country:** Portugal

**Job city:** Guimarães

**Job company/institute:** Universidade do Minho

**Application deadline:** 12 Fevereiro 2019

*(The Application's deadline must be confirmed on the Job Description)*

[↑ Top of page](#)

## 2. Dados de contactos da organização 2. Organization contact data

**Organization/institute:** ISISE - Institute for Sustainability and Innovation in Structural Engineering

**Address:**

Universidade do Minho - Dep. de Engenharia Civil - Campus de Azurém  
Guimarães - 4800-058  
Portugal

**Email:** [isise@civil.uminho.pt](mailto:isise@civil.uminho.pt)

**Website:** <http://www.isise.net>

[⤴ Top of page](#)

**3. Habilitações académicas**  
**3. Required education Level**

*Empty*

[⤴ Top of page](#)

**4. Línguas exigidas**  
**4. Required languages**

*Empty*

[⤴ Top of page](#)

**5. Experiência exigida em investigação**  
**5. Required research experience**

*Empty*

[⤴ Top of page](#)