

CALL FOR APPLICATIONS: RESEARCHER

Job/position/grant:

Job reference:	AE2023-0467 (Plurianual_LA - CPES) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Job/position/grant:	RESEARCHER
City:	Porto
Research field:	Main: CHEMISTRY,ENVIRONMENTAL SCIENCE Sub: Biochemistry

Job summary:

INESC TEC is accepting applications for 1 RESEARCHER job in the Bioenergy in industry as a means of decarbonisation of the sector	
Project:	Financiamento Laboratório Associado
Scientific Advisor:	Zenaida Mourão
Start Date:	2024-01-04
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Bioenergy in industry as a means of decarbonisation of the sector
Project overview: Support for the development of R&D projects and the enhancement of knowledge, support for the preparation of R&D project applications, scientific production aimed at international journals and conferences, intervention in the scientific and professional communities, as well as participation in scientific and technological dissemination initiatives, particularly in the area of decarbonisation of the industrial sector, in particular the role of the integration of biofuels and biogas. The duties also include: (1) Characterising bioenergy production chains, (2) Studying the cost-benefit of integrating bioenergy as an alternative for decarbonising industry, (3) To study the impact of bioenergy in terms of GHG emissions and air pollution, (4) Participating in project meetings related to the decarbonisation of industry, dissemination events and training actions.
Objectives: - Characterisation of the processes and impacts of bioenergy production in terms of emissions and air pollution, - Analysis of the advantages and disadvantages of integrating bioenergy into the industrial sector as an alternative for decarbonising the sector. - Exploring the role of bioenergy in decarbonising industry.

Academic Qualifications:	Master in Biotechnology, Chemical Engineering, Biological Engineering or a related scientific area and holders of a scientific and professional curriculum showing a relevant profile for the activity to be developed can apply for the tender.
Minimum profile required:	Track record in implementing technological solutions based on plant sources, with a preference for applications in the bioenergy field and familiarity with the industrial sector, particularly with production processes. Excellent collaboration skills and ability to work in a team; Excellent project management skills; Excellent written and oral communication skills in English. Familiarity with bioenergy (biofuels and biogases) production processes is a plus.
Preference factors:	Research experience in the field of biotechnology, bioenergy, or similar; Prior experience managing projects; Experience with proposal writing and securing funding for projects; Good track record of published research in the specified areas of the position.

Funding Entity:	funded by National Funds through FCT - Portuguese Foundation for Science and Technology, I.P., project reference LA/P/0063/2020
Type of contract:	Permanent contract
The hiring shall be governed by what is stipulated in the legislation in force regarding permanent employment contracts and by INESC TEC norms.	

Selection criteria:	The selection of the candidates will be based on the following criteria, in descending order of consideration: a) Relevant Curriculum in the concerned field of this tender b) Proven experience.
Selection Jury:	President of the Jury: Ricardo Jorge Bessa; Member: David Emanuel Rua; Member: Zenaida Mourão;
Notification of results:	The results of the selection process will be sent to the interested by electronic mail.
Application period:	From 2023-11-30 to 2023-12-15
Application submission:	Electronic form filling in www.inesctec.pt in the section Work with Us

