

CALL FOR APPLICATIONS: RESEARCHER

Job/position/grant:

Job reference:	AE2023-0382 (ATE - CRAS) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Job/position/grant:	RESEARCHER
City:	Porto
Research field:	Main: ENGINEERING Sub: Electrical engineering

Job summary:

INESC TEC is accepting applications for 1 RESEARCHER job in the Computer Science Electrical and Smart Grids.

Project:	Alliance for Energy Transition
Scientific Advisor:	Carlos Pinho
Start Date:	2023-11-02
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Computer Science Electrical and Smart Grids.

Project overview: The Alliance for Energy Transition (ATE) project aims to develop and industrialize new technologies to support the decarbonization of society, taking advantage of technological and scientific knowledge in the field of Energy in Portugal. The selected candidate will be responsible for the management and technical operation of a production site and injection of marine renewable energy into the electrical grid and for the control of renewable production. It must also implement a maintenance and evolution plan for the testing infrastructure, in particular with regard to the specification of the supervision, protection, command and control system of the installation which provides for the installation of a new substation and marine connections (offshore), submarine cable to land and onshore substation connected to the national electricity grid based on greater injection capacity into the grid.

Objectives: Technical Responsible for the operation and maintenance of a marine renewable energy testing site and the injection of the energy produced into the electrical grid; - Identify opportunities for developing the test site, namely in specifying a supervision, protection, command and control system for the installation; - Monitor the installation's adaptation and development process, with a view to increasing its testing capacity for new prototypes and increasing production and injection capacity into the network.

Academic Qualifications:	Bachelor's degree or Master's degree in electrical engineering, electrical power systems, or related field.
Minimum profile required:	- Experience in renewable energy production solutions. - Experience in electrical production sites. - Experience in the design, configuration, or commissioning of supervision and control systems.
Preference factors:	- Experience in command, control, and protection systems for medium and high voltage installations. - Experience in defining factory test procedures, certification tests, or commissioning. - Fluency in English (written and spoken)

Funding Entity:	ATE funded by IAPMEI with reference 56 Co-financed by Component 5 - Capitalization and Business Innovation, integrated in the Resilience Dimension of the Recovery and Resilience Plan within the scope of the Recovery and Resilience Mechanism (MRR) of the European Union (EU), framed in the Next Generation EU, for the period 2021 - 2026.
Type of contract:	Uncertain term contract The hiring shall be governed by what is stipulated in the legislation in force regarding uncertain term 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: Prof. Eduardo Silva; Member: Prof. Diana Viegas; Member: Prof. Clara Sofia Gouveia;
Notification of results:	The results of the selection process will be sent to the interested by electronic mail.
Application period:	From 2023-09-28 to 2023-10-11
Application submission:	Electronic form filling in www.inesctec.pt in the section Work with Us