

## CALL FOR APPLICATIONS: RESEARCHER

### Job/position/grant:

<b>Job reference:</b>	AE2023-0136 ( ATE - CPES ) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
<b>Job/position/grant:</b>	RESEARCHER
<b>City:</b>	Porto
<b>Research field:</b>	Main: ENGINEERING Sub: Electrical engineering

### Job summary:

<b>INESC TEC is accepting applications for 1 RESEARCHER job in the Power Systems - Electric Vehicles charging management</b>	
<b>Project:</b>	Alliance for Energy Transition
<b>Scientific Advisor:</b>	Filipe Joel Soares
<b>Duration of the contract:</b>	from 2023-05-05 to 2024-05-04, eventually renewable.
<b>Location:</b>	INESC TEC, Porto, Portugal

### Job description:

<b>Work Area:</b>	Power Systems - Electric Vehicles charging management
<b>Project overview:</b>	Development of algorithms and software for electric vehicles charging management.
<b>Objectives:</b>	Development of optimization modules for electric vehicles charging; Development of mathematical models for the representation of electric vehicles and other flexible loads; Software integration with proprietary platforms for electric vehicles charging management.

<b>Academic Qualifications:</b>	Master degree in electrical and computer engineering or computer science or informatics or similar.
<b>Minimum profile required:</b>	Basic knowledge about optimization methods. Programming skills (Python, C, C++, etc.).
<b>Preference factors:</b>	Advanced knowledge in electric power systems. Experience with software development for electrical grid operation. Fluency in English and Portuguese (spoken and written). Experience with the development of APIs.

<b>Funding Entity:</b>	ATE funded by IAPMEI, 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.
<b>Type of contract:</b>	fixed-term contract
The hiring shall be governed by what is stipulated in the legislation in force regarding fixed-term employment contracts and by INESC TEC norms.	

<b>Selection criteria:</b>	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.
<b>Selection Jury:</b>	President of the Jury: Prof. Filipe Joel Soares; Member: Prof. Carlos Moreira; Member: Prof. Leonel Magalhães Carvalho;
<b>Notification of results:</b>	The results of the selection process will be sent to the interested by electronic mail.
<b>Application period:</b>	From 2023-03-29 to 2023-04-15
<b>Application submission:</b>	Electronic form filling in <a href="http://www.inesctec.pt">www.inesctec.pt</a> in the section <a href="#">Work with Us</a>