

CALL FOR APPLICATIONS: RESEARCHER

Job/position/grant:

Job reference:	AE2025-0421 (CESE-Geral - CESE) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Job/position/grant:	RESEARCHER
City:	Porto
Research field:	Main: ENGINEERING Sub: Industrial engineering

Job summary:

INESC TEC is accepting applications for 1 RESEARCHER job in the Digital Transition and Circular Economy	
Scientific Advisor:	António Baptista
Duration of the contract:	from 2025-10-23 to 2026-10-22, eventually renewable.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Digital Transition and Circular Economy	
Project overview: The activity to be developed will focus on the sub-domains of Digital Transition and Circular Economy, with specific actions in the development of methodologies and IT tools to support industrial decision-making, namely in Digital Twins and their potential to implement circularity and sustainability strategies. Support for the development of digital platforms, where aspects such as usability and user experience (UI/UX) are key.	
Objectives: The functions will involve studying new approaches in the area of Remanufacturing complex products in a European project environment, and applying innovative concepts of operations management and decision support systems. In addition, support for the design of advanced software architectures with a focus on the integration of genAI systems, simulation and Digital Twins, with corresponding back-end and front-end implementation.	

Academic Qualifications:	Master's degree in Computer Engineering or equivalent
Minimum profile required:	Knowledge in areas associated with Industry 4.0 and 5.0 concepts, particularly in the digitisation of processes and companies, in sub-domains associated with sustainability and circularity and people-centred technology; knowledge in the area of Digital Twins and digital platforms; Experience in back-end and front-end software development and in the design of human-computer interaction and user experience; fluency in Portuguese and English (spoken and written).
Preference factors:	Knowledge or previous experience in developing digital transformation methodologies applied to circularity and sustainability, namely with Digital Twins and processes for improving the evaluation of results and usability of digital platforms. Previous experience in R&D projects in the areas covered by the call for proposals and writing/presenting scientific articles.

Funding Entity:	
Type of contract:	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.	

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.
Disability Incentive:	Candidates who present a degree of disability equal to or greater than 90% will benefit from an incentive (20) in the score of the CV Assessment. Candidates who present a degree of disability equal to or greater than 60% and less than 90% will also benefit from an incentive (10) in the score of the CV Assessment. Said score may, in these cases, exceed 100 points. Candidates must demonstrate the degree of disability during the application, namely through the submission of the Multi-Purpose Medical Certificate of Disability, issued in accordance with Decree-Law no. 202/96, of October 23 - currently in effect. Candidates must declare, in the application form, the type of disability used throughout the selection process, in order to proceed with the required adaptations.

Selection Jury:	President of the Jury: António Lucas Soares; Member: António Baptista; Member: Davide Rua Carneiro;
Notification of results:	The results of the selection process will be sent to the interested by electronic mail.
Application period:	From 2025-09-18 to 2025-10-01
Application submission:	Electronic form filling in www.inesctec.pt in the section Work with Us