

INESC TEC | Recruitment of 1 Doctorate in the field of
Optimisation of multi-energy n (AE2024-0054)
INESC TEC

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Posted Feb. 8, 2024, set to expire Jun. 9, 2024

Job Title	INESC TEC Recruitment of 1 Doctorate in the field of Optimisation of multi-energy n (AE2024-0054)
Department	CPES
Institution	INESC TEC PORTO, , Portugal
Date Posted	Feb. 8, 2024
Application Deadline	Feb. 21, 2024
Position Start Date	Feb. 9, 2024
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other
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Apply By Email	
Job Description	

Research Opportunity

Optimisation of multi-energy networks and systems

Work description

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- Modeling and simulation of multi-energy systems.
- Models to estimate DER flexibility.
- Development of forecasting models, optimization problems and decision support tools.

Minimum profile required

- PhD degree with postdoctoral experience or scientific curriculum compatible with the category of the scientific research career to which the remuneration level defined below corresponds.

Preference factors

- Participation, possibly including positions of responsibility, in research and development projects in simulation and optimization of multi-energy systems;
- Advanced knowledge of optimization and programming (Python, C, C++, etc.);
- Experience in developing forecasting models and decision support tools;
- Fluency in English and Portuguese (written and spoken)..

Application Period

Since 09 Feb 2024 to 21 Feb 2024

Cluster / Centre

Power and Energy / Power and Energy Systems

Scientific Advisor

Filipe Joel Soares

Contact Information

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Contact

Portugal

Contact E-mail rh@inesctec.pt