

## INESC TEC | RESEARCHER (AE2024-0386) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=245423>

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Posted Sep. 19, 2024, set to expire Jan. 19, 2025

<b>Job Title</b>	INESC TEC   RESEARCHER (AE2024-0386)
<b>Department</b>	CPES
<b>Institution</b>	INESC TEC PORTO, , Portugal
<b>Date Posted</b>	Sep. 19, 2024
<b>Application Deadline</b>	Oct. 19, 2024
<b>Position Start Date</b>	Sep. 19, 2024
<b>Job Categories</b>	Graduate Student
<b>Academic Field(s)</b>	Engineering - Other
<b>Apply Online Here</b>	<a href="https://www.inesctec.pt/en/form/notice/5071">https://www.inesctec.pt/en/form/notice/5071</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

Research Opportunities

### Energy transition in ports

#### Work description

- Studies and modelling of energy systems in ports;
- Definition of energy models for different port assets and equipment;
- Development of energy transition planning models for ports to support the energy transition of ports;
- Implementing the models in Python or similar languages;

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- Writing technical documentation on the activities.

### **Academic Qualifications**

Bachelor or Master in electrical and computer engineering, mechanical or related areas

### **Minimum profile required**

- Knowledge of energy demand and supply modelling for different sectors;
- Knowledge of programming languages;
- Fluency in English (written and spoken);

### **Preference factors**

- Experience in developing algorithms for demand planning and energy generation applied to different sectors and systems;
- Programming experience in Python or similar.

### **Application Period**

Since 19 Sep 2024 to 19 Oct 2024

### **Centre**

Power and Energy Systems

### **Scientific Advisor**

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[Tiago André Soares](#)

### What we offer

- **Multicultural and collaborative environment**
- A multicultural, international and collaborative environment that makes it easier to exchange ideas, work in networks and create synergies.
- **International projects**
- The possibility of working in international projects with some of the most important companies in the field.
- **Mentoring**
- Mentoring with the best researchers in the fields of electrical and industrial engineering, bioengineering, information technology and physics.
- **Self Improvement**
- The possibility of participating in international conferences, workshops, seminars and vocational training.
- **Other Benefits and Perks**
- Flexible working time, health insurance, discounts in hotels, transportation, etc.
- **Informal Events**
- Annual informal events, such as the multicultural party.

For more information: [Click Here](#)

### Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

### Contact

Portugal

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**Contact E-mail**    rh@inesctec.pt