

**INESC TEC | RESEARCHER (AE2024-0276)**  
**INESC TEC**

Direct Link: <https://www.AcademicKeys.com/r?job=242477>

Downloaded On: Nov. 24, 2024 3:43pm

Posted Aug. 1, 2024, set to expire Dec. 1, 2024

<b>Job Title</b>	INESC TEC   RESEARCHER (AE2024-0276)
<b>Department</b>	CPES
<b>Institution</b>	INESC TEC PORTO, , Portugal
<b>Date Posted</b>	Aug. 1, 2024
<b>Application Deadline</b>	Aug. 7, 2024
<b>Position Start Date</b>	Jul. 25, 2024
<b>Job Categories</b>	Graduate Student
<b>Academic Field(s)</b>	Engineering - Other
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<b>Job Description</b>	

Research Opportunity

**Renewable Energy Communities and smart grids**

**Work description**

Develop tools and applications for the management of energy communities and all their assets, enabling the user (community members, community management entities, researchers) to simultaneously explore the feasibility of alternative business models and support decision making. To this end, it will focus on the following:

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1. Specification of tool requirements, definition of diagrams and architecture;
2. Development of APIs for data request, ensuring interoperability between platforms.
3. Front-end development
4. Development and management of databases, maintenance and version control such as GitHub or GitLab
5. Develop the corresponding documentation of the developments secured

### **Academic Qualifications**

Degree in Engineering in Computer Science, Computer Science or similar

### **Minimum profile required**

Experience in building webApps, Apps, websites, dashboards, APIs and user interfaces

### **Preference factors**

Solid programming knowledge (python, REACT, Java Script or similar). Fluency in English (written and spoken).

### **Application Period**

Since 25 Jul 2024 to 07 Aug 2024

### **Centre**

Power and Energy Systems

### **Scientific Advisor**

[Alexandre Lucas](#)

### **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.

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- **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

**Contact E-mail**      rh@inesctec.pt