

## 24J005 – Research Engineer (m/f/d)

Are you interested in Territorial Energy Modelling? - Become a member of the EIFER team!

The European Institute for Energy Research EDF-KIT EWIV (EIFER) is looking for a **Research engineer** in the field of **Territorial Energy Modelling** who will integrate the research group **Climate Neutral Communities**. The work is embedded in large, international research projects of the EDF group as well as public funded projects.

The position is based in Karlsruhe with a duration of initially 2 years starting as soon as possible. The salary is based on qualifications and experience according to TV-L (100%).

The European Institute for Energy Research was founded by EDF and the KIT in 2002 aiming at enhancing collaboration through projects applied to industrial issues and utilities' needs. With its applied research orientation EIFER has been bridging the gap between science and industry for more than 20 years. In the context of the European energy transition, EIFER provides research-based innovative energy solutions for a sustainable future.

### What you can expect

- Joining the team working on energy modelling in Climate Neutral Communities group
- Co-developing scientific knowledge on energy decarbonization on territories
- Contributing to the ongoing research program by realizing studies but also shaping future research activities by engaging with clients to understand their key challenges and needs, and contributing to calls for public funded projects
- External presentation of activities and conference contributions
- Autonomy in organizing your own work while being part of a team and having collaborative work

### What we expect

#### Qualification

- Master's degree or PhD in multi energy system modelling
- Generalist engineering degree

#### Desired profile

- Knowledge in modelling of multi energy system: Anylogic will be appreciated
- Comfortable with programming languages: Python, KNIME etc.
- Knowledge in the field of electric mobility: technology and policy
- Understanding of how local energetic systems work
- Curiosity and interest in sharing knowledge
- Professional experience as modeler is appreciated

#### Competences and skills

- A very good level in French and English (both written and spoken) is mandatory, a good level in German would be an asset
- Ability to communicate with pedagogy and rigor, both orally and in written
- Ability to work in a multicultural team, enthusiasm, reliability and independent working style
- Ability to understand the needs of the clients and provide reactive studies

## What we offer

- An international environment as well as a pleasant and open working atmosphere
- Access to research infrastructure of KIT and EDF
- Flexible working hours and part-time mobile work

## Key facts

- Duration: the position is initially limited to 2 years
- Starting date: February/March 2024
- Regular work location: EIFER, Emmy-Noether-Str. 11, 76131 Karlsruhe, Germany
- The salary is based on qualification and experience according to the public tariff system TV-L

## Contact

If you want to join our institute, please forward your electronic application (cover letter + curriculum vitae + certificates) with **one single PDF of max. 5MB** to [jobs@eifer.org](mailto:jobs@eifer.org) by March 1<sup>st</sup>. **Please refer to the offer number 24J005.**

To learn more about EIFER, please visit our website at: <http://www.eifer.org>

For additional information concerning the work, please contact Grégory Savidand (gregory.savidand@eifer.org)