

## **MSCA Postdoctoral Fellowships Hosting Offers: Research on Sustainable Buildings and Districts**

The **University of Applied Sciences Technikum Wien's Competence Centre Climate-fit Buildings and Districts** invites postdoctoral candidates interested in applying to the Horizon Europe MSCA Postdoctoral fellowships (MSCA PF) call 2024.

The Competence Centre offers up to three fellowships which last for a period of 24 months and include an individual research project combined with advanced training, ranging from presentation skills, teaching and project management to proposal writing (including for ERC Starting Grants). Successful applicants will have the opportunity to enlarge their international professional network.

It is vital for us that also women pursue and advance careers in academia, which is why we especially invite women to step forward and send us their applications.

**Fellowship #1** aims to investigate customer behavior at FHTW's Positive Energy Quarter (PEQ) demo sites and establish a hub for customer behavior modelling. The research will address the following scientific questions:

- What are the implications and significance of directly exposing customers to sustainable energy services on their attitudes and behavior?
- What feedback processes, methods, and energy counseling practices are required to efficiently induce behavioral changes at specific times?
- How can the customer behavior model be implemented as marketable service?

**Fellowship #2** aims to examine the impact of FHTW's Positive Energy Quarter (PEQ) demo sites influence local and European policy strategies:

- How can the competitiveness of various clean technologies and integration solutions be enhanced by aligning them with the relevant policy instruments?
- How can responsiveness to the needs of various political decision-making levels (local/regional/national/EU) be achieved?
- What policy recommendations can be drawn from the perspectives and perceptions of stakeholders, customers and prosumers?

**Fellowship #3** aims to explore in respect to FHTW's Positive Energy Quarter (PEQ) demo sites:

- What is the precise framework for successfully implementing Positive Energy Quarters in line with the principles of the New European Bauhaus concept?
- How can we maximize the impact of the demo site concepts?
- What lessons have been learned regarding structural changes towards reaching the EU Green Deal targets?

In May 2015, UAS Technikum Wien became the first university of applied sciences in Austria - and one of only a few Austrian institutions - to be awarded the "HR Excellence in Research" logo. This award is presented by the European Commission to universities and research organisations that have

a clear strategy for implementing the "European Charter for Researchers" and the "Code of Conduct for the Recruitment of Researchers".

FHTW offers flexible working conditions through flexi-time and home office for a good work-life balance.

### **Who can apply?**

Candidates must

- hold a doctoral degree or have successfully defended their doctoral thesis at the time of the call deadline for applications (11 September 2024),
- have a maximum of 8 years full-time equivalent research experience since they have been awarded their PhD degree (research and career breaks do not count towards this maximum),
- not have resided in Austria or carried out their main activity (work, studies, etc.) in Austria for more than 12 months in the 36 months immediately before the call deadline (or 12 months in the Third Country if they apply for a Global Fellowship).

If candidates are resuming research after a career break of at least one year (within the 18 months immediately prior to the deadline), or are European national or long-term residents returning to Europe after a period outside Europe, the researchers should not have been primarily active in Austria for more than 3 years in the 5 years immediately prior to the deadline.

### **How to apply**

Eligible candidates are expected to have a compelling CV (including high quality publications and relevant transferable skills) appropriate to their career stage and to demonstrate a convincing potential for future high impact research.

Applications should be submitted to [bewerbung@technikum-wien.at](mailto:bewerbung@technikum-wien.at) by May 30, 2024 and include, in one PDF file:

- A CV, including a list of publications (up to 3 pages)
- An outline of a project proposal and training needs
- In a cover letter, the confirmation that the eligibility criteria are met

All complete applications will be assessed by colleagues with expertise in the project area.

Incomplete applications will be rejected. Applications will be reviewed by an expert panel that assesses each applicant's CV, the scientific quality of the project proposal and how well it matches one of the three open fellowship positions. Potential candidates will be invited to attend an interview online meeting on a short notice.

Successful candidates will be supported to apply for a MSCA Postdoctoral Fellowship by a supervisor and FHTW's R&D coordinator up to the call deadline.

Before starting your application, please consult the European Commission's information on MSCA Postdoctoral Fellowships at <https://ec.europa.eu/research/mariecurieactions/actions/postdoctoral-fellowships>.