
246. Job Advertisement – The Chair of Energy Network Technology in the Department of Environmental and Energy Process Engineering has a position for a full-time Project Researcher (m/f/d) – Reference number: 2605WPA

247. Job Advertisement – The Chair of Waste Processing Technology and Waste Management in the Department of Environmental and Energy Process Engineering has a position for a full-time University Assistant (m/f/d) – Reference number: 2605WPE

246. Job Advertisement – The Chair of Energy Network Technology in the Department of Environmental and Energy Process Engineering has a position for a full-time Project Researcher (m/f/d) – Reference number: 2605WPA

As a modern university with a strong focus on research and teaching, the Montanuniversität Leoben (Technical University of Leoben) offers outstanding opportunities for career advancement in both scientific and non-scientific domains.

The Chair of Energy Network Technology in the Department of Environmental and Energy Process Engineering has a position for a full-time Project Researcher (m/f/d).

Salary Group B1 according to the UNI-KV, monthly minimum salary excl. Szlg.: € 3.776,10 for 40 hours per week (14x per year), actual classification is according to previous relevant experience.

Date of expected start of employment: **as soon as possible**

Term of employment: **1 year, with the option to renew**

Hours of employment per week: **40 hours**

Responsibilities:

- Developing and maintaining European models for energy markets and power grids, with a focus on transnational HVDC interconnectors
- Reviewing and implementing energy scenarios, including comparison and calibration with publicly available data
- Opportunity to pursue a doctoral dissertation based on this work
- Assisting with administrative tasks and contributing to university teaching

Employment requirements:

- Completed Master's or Diploma degree in Energy Engineering or Electrical Engineering, with strong skills in modelling, optimization, and simulation
- Ability to implement algorithms in code and collaborate effectively with software developers in a team environment
- Strong interest in energy systems, grid planning, and energy markets
- Basic knowledge of power electronics systems and their integration into power grids
- Excellent English language skills (written and spoken) plus willingness to learn German language

Desirable additional qualifications:

- Interest in working in an international environment, with a high degree of personal responsibility in building and maintaining collaborations with other research groups
- Open-minded, communicative, and proactive attitude

We offer numerous benefits, including:

- Convenient public transport connections (train and bus access)
- Family-friendly work environment and good work-life balance
- Access to occupational health services
- Health promotion initiatives and annual health day
- Comprehensive university sports and fitness programs
- Employee discounts at selected shops and services
- Language courses and support for international staff

Reference ID: 2605WPA

End of Application: 23.06.2026

The Montanuniversität Leoben (Technical University of Leoben) intends to increase the number of women on its faculty and therefore specifically invites applications by women. Among equally qualified applicants, women will receive preferential consideration.

For the application please use the online form on the homepage: <http://www.unileoben.ac.at/jobs>

247. Job Advertisement – The Chair of Waste Processing Technology and Waste Management in the Department of Environmental and Energy Process Engineering has a position for a full-time University Assistant (m/f/d) – Reference number: 2605WPE

As a modern university with a strong focus on research and teaching, the Montanuniversität Leoben (Technical University of Leoben) offers outstanding opportunities for career advancement in both scientific and non-scientific domains.

The Chair of Waste Processing Technology and Waste Management in the Department of Environmental and Energy Process Engineering has a position for a full-time University Assistant (m/f/d).

Salary Group B1 according to the UNI-KV, monthly minimum salary excl. Szlg.: € 3.776,10 for 40 hours per week (14x per year), actual classification is according to previous relevant experience.

Date of expected start of employment: **at the earliest possible date, latest 1.10.2026**

Term of employment: **4 years**

Hours of employment per week: **40 hours per week**

Scope of work:

The scope of this doctoral position includes the scientific development and evaluation of methods for analyzing the recyclability of modern energy storage systems and battery-powered products within the context of waste management and the circular economy.

The goal is to develop a holistic assessment approach (“recyclability scoring”) that integrates product design, recycling processes, regulatory requirements, and the principles of Safe and Sustainable by Design.

The work involves literature reviews, data analysis, experimental approaches, process modeling, scientific publications, and collaboration with industry partners and research institutions to develop practical and scientifically sound assessment methods.

Responsibilities:

- Development of a structured, holistic framework for recyclability assessments (theory of recyclability)
- Analysis of different product designs: Comparison of energy storage systems and battery-containing products in terms of their recyclability and specific challenges.
- Development of a recyclability scoring system: Development of a scientific methodology for assessing the recyclability of batteries, taking into account product design, process quality, and regulatory requirements.

Employment requirements:

- A completed master’s degree from Technical University of Leoben (preferably in Recycling, Industrial Environmental Process Engineering, Circular Engineering or Materials Science) or another university with a focus on waste management, environmental engineering, circular economy, environmental systems science, or environmental engineering; or equivalent training that meets the desired qualifications.
- Excellent written and spoken German and good written and spoken English.
- Very good statistical skills (modeling, evaluation)
- Proficiency in MS Office and willingness to learn programming and familiarize yourself with new tools

Desirable additional qualifications:

Strong knowledge and understanding of ecodesign and product development, circular economy, and recycling

As part of a young and motivated team, we offer a diverse and stimulating work environment and the opportunity to contribute to innovative research projects. Team-oriented work and collaboration with industry and research partners provide the foundation for professional and personal growth.

We offer numerous benefits, including:

- Convenient public transport connections (train and bus access)
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- Access to occupational health services
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Reference ID: 2605WPE**End of Application: 23.06.2026**

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The Rector:

Univ.-Prof. Dipl.-Ing. Dr.mont. Dr.-Ing. E.h. Dr.h.c. Peter Moser

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