

# **Professor in Sustainable Building Energy Technology for the Global Energy Transition**

Ecole/Institution/Société:

**Technische Hochschule Deggendorf, Germany / Deggendorf**

Discipline:

**Other**

Type d'emploi::

**Full-time**

Date de publication:

**2025-05-16**

Personne à contacter:

**If you wish to apply for this position, please specify that you saw it on AKATECH.tech**

**PROFESSOR (m/f/x)**

for the subject area **“Sustainable building energy technology for the global energy transition”**

**from winter semester 2025 / 2026 or later; equivalent to salary group W2**

The global energy transition towards a more sustainable energy system is the central challenge of this century. The building sector has a key role to play here.

With its Mainburg-based Technology Transfer Centre, Deggendorf Institute of Technology is establishing a centre of excellence for sustainable building energy technology in the heart of Bavaria. A technology transfer that is brought about through the close cooperation of research, industry and business will ensure practical, cutting-edge research and offer high potential for business start-ups. The Technology Centre's research focuses on areas such as system solutions in sustainable building energy technology and energy supply solutions in the Global South. The creative further development of these as well as other key research areas is expressly encouraged.

## **MAIN TASKS**

As a professor, you will be responsible for the management and development of research at the Technology Centre in Mainburg, with focus being placed on sustainable building energy technology for the global energy transition.

The professorship simultaneously offers an opportunity for the successful candidate to train and support the next generation of young engineers at our vibrant and rapidly growing European Campus Rottal-Inn (ECRI). Our campus is an interdisciplinary faculty and international microcosm, with 1,600 students from over 100 countries. With its “One World in one Campus” vision, education at the Campus is orientated towards the Sustainable Development Goals of the United Nations and focuses on affordable and clean energy, sustainable cities and communities, health and well-being or international partnerships.

Its teachings centre on energy systems engineering, industrial engineering and building products and processes, and cater to energy systems, construction, sustainable development and new markets in the global energy transition. These include renewable energies, energy supply in the Global South, energy and resource efficiency, international energy markets and policy project work and simulation as well as scientific work. In order to provide students with a modern and practice-oriented education, your tasks will include not only teaching but also actively helping to shape the

development of the Campus, the degree programmes and the associated activities, while also engaging in self-governance.

## **YOUR PROFILE**

We are looking for an experienced, creative and dedicated academic with a degree in engineering or natural sciences to contribute to the further development of our activities and to strengthen the international reputation of our higher education establishment. The successful candidate will have a background in applied research in the field of sustainable building energy technology for the global energy transition, sound knowledge of energy systems, and internationally recognised professional experience in the field of energy systems. Interdisciplinary knowledge and international experience in the field of intelligent decentralised building energy technology, decentralised energy systems and smart communities with a focus on Europe and the Global South will round off the successful candidate's profile.

Extensive experience in acquiring third-party funding in a national and international context, in the management of R&D projects and in establishing international collaborations with universities, industrial partners and research institutions is also desirable.

Due to the international orientation of our English-speaking campus, the language of instruction is English. As such, a very good level of German proficiency and fluent written and spoken English skills are required. Several years of experience abroad and international cooperation with academic and industrial research partners would also be advantageous, as would experience and expertise in the field of interactive and virtual teaching. The position is also explicitly suitable for applicants from the Global South, and applications from there are explicitly encouraged.

## **REQUIRED QUALIFICATIONS, KNOWLEDGE & EXPERIENCE**

- Completed university education
- Exceptional research skills, usually demonstrated by a doctoral qualification
- Pedagogical aptitude
- Outstanding accomplishments in the development or implementation of research throughout at least five years of professional experience.

This must have been acquired after the completion of academic studies with at least three of the five years outside the higher education sector.

In some cases, proof of non-academic professional work may be acceptable when a significant part of this work involved the cooperation between

the higher education sector and a non-academic body over a minimum period of five years.

The standard full-time teaching requirement for professors at universities of applied sciences is **18 teaching units per week per semester**. In return for performing the development and research tasks, the standard teaching requirement will be reduced to an appropriate extent for the duration of these activities. The outlined teaching commitment may be reduced beyond this time in order to cater to the performance of research tasks.

The **contract of employment is limited to five years** in a private law employment relationship. Deggendorf Institute of Technology endeavours to continue employment beyond this period.

The position is **suitable for severely disabled persons**. Severely disabled applicants will be given preference if they essentially have equal qualifications, competence and professional performance. The Deggendorf Institute of Technology aims to increase the proportion of women among its scientific staff.

State-wide information for Bavaria can be found at: [www.werdeprofessorin.de](http://www.werdeprofessorin.de)

For candidates holding **foreign university degrees**, it is **mandatory to submit a certificate evaluation** from the Central Office for Foreign Education (Zentralstelle für ausländisches

Bildungswesen, ZAB) in the course of the recruitment procedure for final evaluation of the recruitment requirements:

<https://zab.kmk.org/de/zeugnisbewertung>

## OUR BENEFITS

- Family leave policies include maternity, paternity and adoption leave
- Flexible working hours and the possibility to work partially from home
- Welcome event for all new employees
- Exclusive access to DIT Career Service's partner & family support programme, including personal assistance for relocation and job opportunities

## APPLY NOW

If you are interested in a position at the Deggendorf Institute of Technology, we look forward to receiving your application with the usual documents (**CV, certificates, proof of professional background and the relevant subject-related references**): [www.th-deg.de/stellenangebote](http://www.th-deg.de/stellenangebote)

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