

Postdoc Green Hydrogen Financing (m / f / d)

at the TUM School of Social Sciences and Technology, Professorship for Public Policy for the Green Transition

The Professorship of Public Policy for the Green Transition (PPGT) focuses on designing and evaluating policies for the green transition worldwide. The group uses a variety of methods from automated data analyses (e.g. via machine learning) to qualitative analyses (e.g. via interviews) to support ambitious policies for climate and energy transitions.

This position

Green hydrogen is key to decarbonizing many hard-to-abate sectors, but it is not yet economically viable in most cases. This postdoc position investigates the impact of different financing schemes (e.g., public, private, blended) on the feasibility of green hydrogen by use case. Beyond the economic feasibility, a particular focus of this position will lie on the evaluation of different development pathways when deploying green hydrogen infrastructure, depending on the geographical and economic context. It will include a deep dive on the potential of Ukraine to become a green hydrogen hub, leveraging geo-spatial energy models run by project partners. As such, this position contributes directly to the strategy of rebuilding the Ukrainian energy infrastructure and it develops financing options to scale green hydrogen around the world. Project partners include the University of Oxford, Imperial College London and Ukrainian and British policymakers.

What we look for

- PhD in a policy-related field (e.g., public policy, political economy, economics, political science)
- Project management experience and good self-management
- Interest to work on a collaborative project with international partners and direct links to policymakers
- Excitement to work in an interdisciplinary team with energy modelers and public policy scholars
- Knowledge on Ukraine, its energy system or Ukrainian is a plus
- Experience in the financial sector or consulting is a plus
- Interest in nature or biodiversity, basic knowledge is a plus
- Motivation to contribute to teaching

What we offer

- Cutting edge research in an interdisciplinary team with extensive expertise in climate and energy policy and state-of-the-art research methods
- Collaboration with top research and policy institutions around the world
- An exciting research community spanning different policy fields at the School of Social Sciences and Technology
- Close collaboration with the TUM Think Tank
- A lovely office space right in the heart of Munich
- Compensation based on pay grade E14 TV-L, exact remuneration depends on individual experience
- The position is initially limited to 18 months with the option of extension

How to join the group

Please download the [application form](#), complete it in font 10pt (takes 15mins) and send it to: applications.ppgt@sot.tum.de. Please ensure that your file is a PDF of no more than 1 page.

We will start evaluating applications on 8 April 2024 and continue on a rolling basis until the position is filled. The start date is as soon as possible.

The Technical University of Munich is committed to increasing the proportion of women. Therefore, qualified women are explicitly welcomed.

The position is suitable for people with disabilities. Applicants with disabilities will be given preference if they have essentially the same qualifications, abilities, and professional performance.

When applying for a position at the Technical University of Munich (TUM), you submit personal data. Please note our data protection information according to Art. 13 General Data Protection Regulation (GDPR) [<http://go.tum.de/554159>] for the collection and processing of personal data as part of your application. By submitting your application, you confirm that you have taken note of TUM's data protection information.