

PhD in Green Industrial Policy Design (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 Industrial Policies (GIP), that is policies directed at specific technologies and industries to advance the green transition, have become a priority of governments in China, the US and the EU. While such policies can be transformative by lowering technology cost and spurring deployment, there is currently little guidance on how to design and deploy them. This PhD will develop and analyze a large dataset on firms and jobs to map the evolution of industries, jobs, and economic clusters in transition and to design adequate green industrial and labor market policies. It will contribute to ongoing policy debates in the EU and beyond on the impact and design of GIP.

What we look for

Personalities driven by a desire to address climate change by supporting the design and evaluation of ambitious and lasting policy change.

- Passion for research and tenacity to carry through in projects
- Expertise and/or Master's degree in big data, network analysis, machine learning, and data visualization or strong motivation to undergo intensive training
- Strong coding skills in python or R
- Experience in working with databases (e.g. MySQL) is a plus
- Ability to work independently and curiosity to dive into new topics and learn new methods
- Desire to work in interdisciplinary teams and communicate actively in and beyond the group
- Motivation to have a career in research or at the interface of sustainability and policy
- Empathy and quality to listen to and learn from others
- 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

- An opportunity to become an expert on public policy, technology and the green transition and to develop a strong skillset in cutting edge 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 E13 TV-L (75%, remuneration depends on experience)

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.