

The Thünen Institute of Market Analysis of the Johann Heinrich von Thünen-Institute, Federal Research Institute for Rural Areas, Forestry and Fisheries, in Braunschweig is offering a 4-year full-time position (39 hours per week) for the next possible date as a

**Postdoctoral Researcher (f/m/d)
(impact assessment of CO₂ boarder adjustments)**

for the coordination of inter-institutional activities that aim to estimate product-based emissions and to integrate them in agro-economic models. In addition, the successful candidate is expected to quantitatively evaluate different options for a CO₂ border adjustment system with the CGE model MAGNET and to support policy advisory in the context of the 'Green Deal' and the 'Farm-to-Fork' initiative.

The employment is designed to develop own scientific qualifications, e.g. with the aim of taking over scientific leadership and management tasks in federal or state institutions. The term of employment is regulated by § 2 (1) S. 1 Wissenschaftszeitvertragsgesetz.

The possibility of taxing the CO₂ content of imports at the European Unions' external border, with the aim of preventing carbon leakage, has long been the subject of political and scientific debate. This option is currently suggested within the framework of the European Union's 'Green Deal'. Agriculture is responsible for about a quarter of all greenhouse gas emissions globally and at the same time, the EU is the world's largest importer of agri-food products. Thus, its' inclusion into a border adjustment system is expected to exert a certain leverage in reducing emissions. The aim of the project is to develop concrete options for a CO₂ border adjustment system for agricultural products and to assess the consequences of their implementation.

Tasks:

- Coordination of inter-institutional activities for the estimation of product-related emissions, especially those caused by deforestation and their representation in agro-economic models
- Use and further development of the CGE model MAGNET
- Creation and evaluation of long-term model-based projections and scenarios
- Analysis of the effects of a CO₂ border adjustment system on the international agricultural economy
- Cooperation with international organisations, research institutions and companies
- Preparation of scientific publications
- Supervision of master students and doctoral candidates

Professional requirements:

- University degree (MSc or diploma) in agricultural economics, forest sciences, economics, environmental or resources economics or related field
- Excellent command of empirical methods and programming (e.g. in GAMS, GEMPACK, Stata or R)
- Knowledge of agricultural markets and associated emissions

Personal requirements:

- Analytical thinking, critical judgement
- Good communication skills
- Team-oriented and independent working style; ability to cooperate with partners and co-workers
- Interest and ability to cooperate with international research institutions and advisory services
- German and other language skills are a benefit
- Experiences with project-related management tasks are an asset

We offer work in an active and stimulating scientific environment on questions of high relevance at the interface between economics and politics and make use of contacts to national and international research institutions and organizations. The Thünen Institute offers a family-friendly environment, flexible working hours and the possibility for further training and qualification.

The employment relationship is governed by the provisions of the German Tariff Agreement for Public Services (TVöD-Bund) and includes comprehensive health, social and pension insurances. The salary is up to remuneration group 14 TVöD. If interest is expressed, it will be assessed whether a part-time position of employment is possible.

The Thünen Institute promotes equality between women and men in the workplace and, therefore, expressly welcomes applications from women.

The Thünen Institute feels committed to inclusion. Therefore, applications of disabled persons are highly welcomed. These will be particularly considered.

Please contact Dr. Florian Freund, phone +49 531-596-5338 (E-Mail: florian.freund@thuenen.de) for enquiries about the position.

Please send your application (motivation letter, CV, copies of relevant certificates) via email preferably as one single PDF file referring to the „**2020-151-MA/CO₂-Grenzausgleichssystem**“ by **10.09.2020** to the following address:

ma-bewerbung@thuenen.de

Thünen Institute for Market Analysis
Dir. and Prof. Dr. Martin Banse
Bundesallee 63
38116 Braunschweig

Informations about Artikel 13 DSGVO: www.thuenen.de/datenschutzhinweis-bewerbungen.