Student Assistant International Energy Data and Modelling (f/m/d) – Job opening

Agora Energiewende is looking for a student assistant to work in our International Energy Data and Modelling Team eager to collaborate with us to shape a data-driven narrative of the energy transition.

Are you passionate about climate change mitigation, energy data and modelling? If you are currently enrolled in a university or higher educational institution and would like to make an impact with your initiatives, ideas and about 15-20 hours of your time (per week), please read on:

The world's energy systems are changing. Renewable energy has moved from a niche technology to broad-scale adoption in many countries around the globe. While this is creating tremendous opportunities for clean development, power systems face numerous systemic challenges: there is a pressing need to expand and enhance power grids, to reform regulatory and market structures, and to effectively manage structural change. Understanding the technical, economic, and political complexities of these transformational challenges is essential for taking political decisions and ensuring a smooth transition to a clean energy system.

Agora Energiewende develops evidence-based strategies for ensuring the success of the clean energy transitions around the globe. As an independent and non-partisan think tank, we share knowledge with stakeholders in the worlds of politics, business, and academia while enabling a productive exchange of ideas. In our daily work, we closely cooperate with our think tank partners in several countries around the globe.

Our team is multinational, multidisciplinary, and works across the globe with various partner organizations. Reliable and well-interpreted energy data are a fundamental asset for policy recommendations. They are particularly powerful when coupled with modelling tools. Therefore, to strengthen our Data and Modelling team, we are seeking to hire at the earliest possible starting date.

Student Assistant - International Energy Data and Modelling (f/m/d) 15-20 hours a week

Your responsibilities include

- Under the supervision of your team lead, developing a database for power system and energy data of key emerging economies and OECD countries, in close

cooperation with Agora's global think tank partners; this will involve collecting and processing data, and integrating them into the database;

- Exploring and integrating innovative techniques of data collection and data mining;
- Developing tools to support think tanks assessing energy system transformation and progress, e.g. for power system modelling, benchmarking, visualization;
- Supporting colleagues in data access and quantitative power system analysis;
- Working closely with partner organisations in the respective countries; to provide support, training and to collaborate in research projects.

We offer

- An opportunity to work in a highly motivated and professional team;
- Insights into the broad range of Agora Energiewende's research and consulting activities;
- Diverse experience, including professional relationships with colleagues and visitors from a variety of countries around the globe;
- Opportunities for professional growth and advancement;
- An international working environment in a cooperative working atmosphere;
- An attractive and comfortable office space in a central Berlin location with fresh fruit and fresh coffee, a work-from-home option, weekly breakfast, team events and other get-togethers with colleagues; and
- A (student) employment contract initially limited to one year.

What we are looking for

To be successful in this role, we believe it is important to be technologically versed, analytical and have experience with different software, an eye for detail and to be able to communicate confidently. You should currently be enrolled in a higher education institution (for the next 12 months).

- a strong desire to actively shape the global clean energy transition in close collaboration with partners around the world;
- in pursuit of a university degree in statistics, informatics, economics or a similar degree (prior professional experience is a plus);
- excellent knowhow in collecting, structuring and interpreting large datasets, developing and maintaining databases and modelling tools;
- ability to transform complex data into easy-to-understand graphics and messages;
- excellent command of programming languages such as "R" or "Python"; Visual Basic for Applications (VBA) is an asset;
- expert use of MS Office products such as Excel and PowerPoint;

- good knowledge of the fundamentals of power systems and experience with methods of scenarios generation and electricity market modelling are an asset;
- dedication, reliability, perseverance, and a strong intellect; creativity and an ability to work independently as well as in a team;
- strong command of English; good German language skills are an asset.

Please upload your application <u>in one single file</u> by completing the short form below. The deadline for applications is 15th November 2020.

https://cloud.sefep.eu/s/mKpGRsEBQSgoRZ8

As file name please use 'Surname_Name_Data_Modleling'. Please include a letter of motivation and your CV and indicate your earliest possible starting date. For reasons of objectivity we would like to ask you not to include an application photo.

Should you have any questions, please contact: Ms. Bettina Gross by email: Bettina.gross@agora-energiewende.de.