Title: Value and job creation of hydrogen and natural gas infrastructures in Germany and France

EIFER (European Institute for Energy Research) was established in 2001 as collaboration between the Karlsruhe Institute of Technology (KIT) and Électricité de France (EDF). Today EIFER has an international team consisting of about 100 researchers. The “Energy Transition, Markets, Environment” group is currently looking for a student interested in working in the field of renewable energy economics.

Context

Hydrogen is on the verge of becoming an alternative to traditional fuels and batteries. One of the biggest hurdles is the production of low GHG hydrogen at competitive prices. Other sources of value creation, like regional job creation, can help to convince authorities and investors in developing hydrogen projects. The intern will work with the hydrogen and the value creation team, helping them understand the value creation, and especially job creation, effects of hydrogen infrastructures in comparison to existing natural gas infrastructures. The analysis of existing hydrogen projects in Germany are the basis of a comparison with potential projects in France.

The assigned tasks involve

- Comparison of the value creation of the natural gas sector and the hydrogen sector
- Development of a methodology for calculating the number of jobs created by hydrogen infrastructures
- Creation of a data collection protocol
- Expert interviews in France and in Germany (and in third countries if beneficial)

Required qualifications

- Student of renewable and sustainable economics (or related fields)
- Knowledge of the hydrogen and natural gas sector is a plus
- Fluent in English and German (French would also be an asset)

Conditions

- Duration: 6 months, starting as soon as possible
- Working hours: 39.5 hours per week
- Location: EIFER, Emmy-Noether-Str. 11, 76131 Karlsruhe, Germany
- Monthly compensation: 450 € per month

Contact

If you want to join a highly motivated research group, please forward your application including all relevant information with one single pdf of max. 5MB (curriculum vitae and cover letter, in English) to jobs@eifer.org. Please refer to the offer-number 19J032. For additional information concerning the offer please contact: sebastian.weber@eifer.org Tel. +49 (0) 721/6105-1319.