

Intern (m/f) Energy Efficiency

Location: Brazil, Rio de Janeiro

Assignment period: 01.02.2015 - 31.07.2015 (expected)

Field of activity

As a federal enterprise, GIZ supports the German Government in achieving its objectives in the field of international cooperation for sustainable development.

The German-Brazilian energy project reinforces the fields of Renewable Energies (RE) and Energy Efficiency (EE) in the Brazilian energy supply. In this way, both countries pursue the objective to confront the challenge of climate change and at the same time consolidate their economic cooperation. Brazilian governmental institutions and companies are being supported to achieve the objectives set by politics as well as to introduce innovative technologies and concepts on the market.

In the field of EE, in its 20-year plan Brazil has foreseen energy savings of 10 %, which are supposed to be reached both through autonomous market development and incentive measures. For the support and monitoring of energy savings an information system with EE data is being developed. For this purpose, in the course of the technical cooperation with the Brazilian energy planning agency (EPE) the methodological basis and instruments are being analyzed as well as developed continuously. The aim is to use the international experience in the handling of EE data bases, transfer the know-how to Brazil and adjust the instruments to the country-specific circumstances.

Your tasks

You support the EE component of the energy project with the following tasks:

- Development of EE data collection strategies with an optimal cost-benefit ratio
- Support the implementation of an Internet-based platform for the calculation of saving potentials and costs of EE measures in the Brazilian industry
- Analysis of data consistency for the calculation of sector-specific EE potentials and elaboration of cost-potential curves of EE measures in collaboration with the partner EPE
- Planning and preparation of workshops with industry and sector experts

You research independently and support the know-how transfer of applied approaches for:

- Integration of „bottom-up“ and „top-down“ models for the calculation of EE potentials
- Implementation of data bases for the monitoring of political EE measures and programs.

Your profile

You have recently finished your Bachelor studies or are currently enrolled in a Master program. In your studies you have attended subjects with focus on “Energy Economics”, or similar, and have gained first insights in the economic feasibility calculation of EE measures and EE politics. Knowledge in project management and Internet-based programming (MS SQL, SharePoint, etc.) is desirable. You are a team player, work in a self-organized, target-oriented manner, are eager to learn and highly motivated. You are fluent in Portuguese and Spanish and your German languages skills are very good. Proficient English skills and sense of humor complete your profile.

Please be informed that you are only allowed to apply for this internship, if you are currently enrolled as a student or graduated not longer than six months ago.

What we offer you

We will pay a lump sum depending on the country and the duration of the internship.

Application

If you are interested, please do not hesitate to apply (cover letter in Portuguese) until 10.12.2014 via our online application system under the following link:

[Intern \(m/f\) in the project Renewable Energy and Energy Efficiency \(ProFREE\)](#)

For further information please contact Mr. José Henrique Falcão Zloccowick (jose.zloccowick@giz.de).