



NUVENTURA

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Thesis position for systematic study on global warming emissions by industrial F- gas SF6

Nuventura is a Berlin based start-up that develops essential components for the electricity grid. As engineering enthusiasts, we want to help minimizing global warming and therefore developed **world's first cost competitive zero emission gas insulated switch gear (GIS)**. Until now, GIS were responsible for greenhouse gas emissions that are comparable to total global air traffic due to the use of synthetic insulation gases.

Nuventura was founded by a passionate group of entrepreneurs with extensive experience in the energy generation and distribution industry and a focus on development of environmentally friendly but economic switch gears. Our breakthrough technology eliminates the most global warming gas SF6, the synthetic gas used in almost all GIS until today. The current thesis is focussed on understanding the emissions caused by current industrial system in a systematic approach.

You will

- work on an **understanding the literature and studies** available from various sources regarding the emissions from SF6
- Design methodological experiments to systematically evaluate and analyse the lifecycle process of SF6 and translate facts and technical proofs and valuable deductions.
- Work closely to understand the current state of the policies and methods adopted by the regulations around the world.
- Conduct case studies with relevant industry stake holders to hypothesize the life cycle assessment. Compare with the existing data.
- Identify the environmental impact and project the environmental damage from existing industry setup. Compare different solution in terms of carbon and cost impact.
- work result oriented and **hands-on** from day 1

You convince us by

- taking **responsibility**, being proactive, letting your creativity flow being focused on results
- **first experience** in as many of these areas as possible:
 - Environmental studies (policy maker, start-up, or corporate)
 - copy writing
 - Impact oriented publications on topics of environment, ecology and economics
 - Methodological approach
- **either studying masters at relevant topic** (e.g. communications, environmental studies, business administration or industrial engineering) **or just being great at it anyhow**

We will

- provide an **environment to grow** your skills and personality with effective coaching and large degrees of freedom
- enable you to truly work on something **bigger than ourselves**
- fight for a vivid and **challenging environment** with a warm heart
- offer a **fair salary**
- ask you to stand up for a **non-hierarchical** mentality whenever we seem to have forgotten

Interested?

We will be thrilled to find your resume and application in our inbox at jobs@nuventura.com