



Internship in Life Cycle Assessment

Location: BIOWEG Headquarter. 49610 Quakenbrück, Germany

Job Description

We seek an individual with a fervent dedication to environmental causes and a natural curiosity about the intricate systems that envelop us. We are in search of someone eager to work in an entrepreneurial setup and contribute to a substantial potential for positive environmental impact.

About BIOWEG

BIOWEG is a purpose-driven startup that is developing functional and biodegradable alternatives to eliminate microplastics from our daily lives. Our innovative approach combines upcycling waste streams in a circular fermentation process, powered by Green Chemistry principles to result in highly functional and pure fermented cellulose ingredients. We are on a mission to revolutionize multiple industries, including cosmetics, personal care, nutraceuticals, agricultural coatings, and food/beverage. We are more than a company; we are a dynamic force, driving the change we want to see in the world. Join our diverse and relentless team to create a better world and a lasting, sustainable impact!

Role and Responsibilities

- Work with the Bioprocess team at BIOWEG to perform a comprehensive life cycle analysis on the process and product.
- Collect and analyze the data related to BIOWEG's processes.
- Quantify its environmental impact and identify the opportunities to reduce that impact.
- Build Life Cycle Inventories for materials of interest leveraging knowledge of chemical processes, mass, and energy balances.
- Develop Cradle to Gate and Cradle to Grave models.

Qualifications and Experience

- Bachelors/Masters in the field of Environmental Science, Energy/Resource/Product Management, Economic Engineering, Life Cycle Assessment/Sustainability or comparable
- Ability to construct and deconstruct a process/product.
- Ability to structure an impact analysis process and manage the collection of information from various individuals, teams, and other external databases.
- Validate the quality of the data sources and build references.
- Familiarity with one or more carbon impact measurement methodologies is a plus: Carbon Footprint, LCA, GHG Protocol, etc.
- The ability to work with OpenLCA or equivalent is highly desirable.
- Good written and verbal command of English (German knowledge is beneficial but not mandatory)
- Good communication skills, with the ability to work in a multicultural team environment.

Our offer

This internship offers a unique opportunity to gain valuable experience in a fast-paced startup environment while contributing to a mission-driven company that is making a positive impact on the planet. You will work alongside a team of talented and passionate professionals who are committed to sustainability and innovation. We offer a supportive and inclusive work culture where your ideas and contributions will be valued and recognized. If you are eager to learn and motivated to make a difference, we encourage you to apply and become part of our team at BIOWEG.

Have we sparked your interest? Send us your **CV** (or equivalent) and **Cover Letter** in English as a single PDF to contact@bioweg.com. We look forward to hearing from you!