

## WORKING STUDENT IN

# Life Cycle Assessment (LCA) Software Development (Matlab)

~12 hours / week

*As a Working Student in LCA Software Development focusing on Matlab, you'll play a pivotal role in developing, maintaining, and enhancing existing LCA software.*

SOFTWARE ENGINEERING

MATLAB

LIFE CYCLE ASSESSMENT

SUSTAINABILITY

PRODUCT CARBON FOOTPRINT

LUBRICANTS AND CHEMICALS



Start  
May 2024



Location  
Preferred Berlin or Cologne, Germany  
(home/office working possible)

## RESPONSIBILITIES

- Transform and integrate data from our specialized database into the software interface.
- Innovate and develop new methods and functions to improve software usability, including features for decarbonization pathways.
- Ensure the software's continuous operation through regular maintenance.
- Document code comprehensively and conduct performance analyses.
- Provide strategic recommendations to advance the project.

## JOB REQUIREMENTS

- Currently pursuing a bachelor's or master's degree in software engineering, IT, Chemical Engineering, or a related field.
- Proficiency in MATLAB is required.
- A basic understanding of life cycle assessment (LCA) and product carbon footprint (PCF) is beneficial, but not required.
- Fluency in English or German is required.
- Strong communication skills, facilitating effective collaboration with team members and external partners.
- A genuine interest in sustainability and the development of decarbonization pathways within the chemical industry.

## BENEFITS AT CARBON MINDS

- Flexible working hours / potential for partly remote working ("Home-office" in Cologne/Berlin).
- Simple and fast personal improvement with a high learning-curve and varying tasks.
- We are seeking long-term relationships, so we can grow together.
- Last but not least: **Doing good for the environment!**

You can find more information about us on [www.carbon-minds.com](http://www.carbon-minds.com)



Please send (as a minimum) your CV, a cover letter highlighting your motivation for the job, certificates from university degrees, if available, and the respective overview of grades to [application@carbon-minds.com](mailto:application@carbon-minds.com).  
Feel free to attach any further documents you think are important.

## ABOUT



Welcome to Carbon Minds. We drive innovation and sustainability in chemical products and actively shape change. We do this by making our customers' environmental impacts transparent using the life cycle assessment method, enabling the transformation to greater sustainability.

Imagine being part of an agile, motivated team that not only provides data, services, and consulting but has a clear goal to mitigate climate change and contribute to society. In doing so, we believe in collaboration, responsibility, and the integrity of our actions. Your ideas are not only heard but needed. The opportunity is here – be part of it as we reinvent the world of chemicals.

