

Research Assistant for Green Fuels Project (Student job)

GreenLab is looking for a student assistant with an interest in sustainable science to support the EU Horizon 2020 project FLEXI/GREEN FUELS which is a project focused on creating the next generation of biofuels from organic municipal waste and residue biomass (Aarhus).

GreenLab is a commercial eco-industrial park and a national knowledge and research center for green technologies. GreenLab's role in this project is to study the IP landscape in the biofuel field. We are looking for a student assistant who is interested in sustainable science and want to work with GreenLab on this project. You will be working an average of 15 hours per week until project completion December 2023. Should we have relevant projects and tasks after project completion we may be able to prolong the student position.

Your role

In collaboration with GreenLab's Industrial Scientist, Eoghan Rattigan, you will research patents in the biofuels field and the different technologies this project is implementing to achieve this. You will be working with GreenLab and researchers across Europe.

Tasks

- Research study of previous patents of biofuels relevant to the project technologies
- Explore how biofuels have been produced in the past
- Research how fermentation processes, the breakdown of bio-matter into new building blocks (lipids), and recombination into hydrocarbons have been utilized
- Arrange a summer project event for our project partners; university partners such as AAU, Rostock University and Lulea Technical University, and industrial partners such as Siemens Gamesa, Dansk Shell and Enorm Biofactory.

Your Profile

You have an interest in sustainable science, and you have a solid ability to quickly understand the general application of a vast range of technologies and patents (a background in biochemistry, organic chemistry or chemical engineering would give you a head start but is not a requirement). As a person, you take initiative and independently drive your work forward in a visible structure. You communicate effortlessly in English and feel comfortable interacting with our project stakeholders.

We offer

You will be part of a strongly purpose-driven (and fun) team of dedicated, competent, and visionary people. All of whom are passionate about making a positive impact by working with the energy systems of the future to benefit the climate. We have great autonomy within the team, and we value a flat and informal organizational structure. There is great flexibility in this position to work around your study schedule. You will work from GreenLab's office located in Aarhus at Navitas alongside two other student workers, with the opportunity to work from home or from our Skive site as well.

About GreenLab

GreenLab is a green industrial park of the future, a technology catalyst, and a national research center within Power-to-X technology. The company is a unique public-private partnership between Skive Municipality, Norlys, Spar Vest Fonden and Klimafonden Skive, with the overall goal of creating economic growth and promoting the green transition. We are driven by creating a paradigm shift in energy, contributing to the development of the energy system of the future and transforming the way green energy is produced, converted, stored, and used. We are working hard to find the untapped synergies between green energy, Power-to-X technologies, and industrial energy consumption and are currently particularly busy with four major projects:

- The establishment of two of the world's first and large-scale Power-to-X plants
- Attracting new businesses for GreenLab's green industrial park
- Fundraising for the establishment of GreenLab's innovation centre
- Developing GreenLab models for commercial opportunities and scale

Watch our new R&D video: <https://vimeo.com/776491306>

Application: If you are interested, please send us your CV

Deadline: 24 February 2023. We will review applications on an ongoing basis

Start: As soon as possible

Apply: https://RelationsHub.recruitio.dk/selection/research_assistant_for_green_fuels_project_student_job-3978?lang=en

Questions: Contact external consultant Kirsten Nielsen, kirsten@relationshub.dk +45 61312403 or GreenLab's Eoghan Rattigan, eora@greenlab.dk, +45 81104188

GreenLab

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