



TORRCOAL IS HIRING

Do you also feel the *energy* when it comes to torrefaction?

We are looking for a:

JUNIOR CHEMIST RESEARCH AND DEVELOPMENT

AT DILSEN-STOKKEM PLANT, BELGIUM

We are looking for a highly motivated Junior Chemist to join our team at our TorrCoal (a Perpetual Next company) torrefaction plant at Dilsen-Stokkem. The ideal candidate must hold a Master degree in Chemistry and possess a strong desire to learn and take initiatives, and thus contribute towards the achievement of our research and innovation goals in the development of our torrefaction process and product applications.

TORRCOAL
A PERPETUAL NEXT Company

ABOUT PERPETUAL NEXT

We are a climate technology company whose activities and areas of work are all targeting the decrease in greenhouse gas emissions. We convert organic residues into a stable and carbon rich torrefied product through thermal treatment in our patented torrefaction reactors.

We help to de-fossilize key sectors such as chemicals, metals, concrete and building industries by manufacturing and supplying a renewable carbon to replace fossil carbon. We also produce biochar, a very high grade carbon product which has tremendous carbon sequestration potential when buried underground.

TorrCoal is one of our torrefaction plants.

ABOUT TORREFACTION

Torrefaction is a mild thermal treatment in an inert environment. During torrefaction organic residues lose their moisture and low grade volatile products. This results in a carbon rich product with several potential applications.

ABOUT THE TASKS OF THE CANDIDATE

As a Junior Chemist within our innovation, research and development team, you will actively work together with R&D engineers within Perpetual Next, the production team at the Dilsen-Stokkem plant, and external partners such as universities and multi-disciplinary project teams.

You will contribute to the effective management and delivery of the projects assigned to you.

YOUR MAIN TASKS WILL INCLUDE:

- To manage your projects and follow-up on planning and deadlines for key deliverables and reporting.
- To bring scientific support to quality control lab.
- To report project results to internal and external stakeholders.
- International travel for team/project meetings might be required.

ABOUT THE REQUIREMENTS OF THE CANDIDATE

- You have a Master Degree in Chemistry.
- A first relevant experience in biomass processing or pyrolysis would be a plus.
- You are a creative mind, allowing you to find out-of-the-box solutions for non-standard problems.
- You are flexible, a team player, able to cope with the rapidly changing environment in industrial research and innovation.
- You proactively take the necessary steps to move your projects forward.
- You are confident in your communication skills and have an excellent written and oral level of English.

ABOUT THE JOB OFFER

Start date: 1st of August 2022. Duration of the contract: 6 months and possibilities to extend it.

Working at a company with innovative technologies in the field of energy transition, reducing CO₂ emissions and replacing fossil carbons.

An exciting role for someone who is looking for creating impact and meaning.

Terms of employment that match the role and your relevant knowledge and experience.

ABOUT THE APPLICATION PROCEDURE

Interested? Send an e-mail with your CV and a short motivation to: jobs@torrcoal.nl



TorrCoal is a company of Perpetual Next
www.perpetualnext.com