

Green chemicals – Safe and sustainable by design

Introduction

Protecting the environment has always been of importance to Nijhuis Saur Industries. We aim to protect resources and use them optimally around the world, and to minimize the impact that our business activities have on the water and soil.

At the same time, Nijhuis supports its customers with sustainable solutions and helps to preserve the environment with ecologically efficient products, processes and services. This role offers huge potential for Nijhuis, but also entails an obligation to contribute towards greater sustainability in the industry. We are aware of our responsibilities towards the environment and society that come with our business activities and market position, and we aim to achieve sustainable value creation.

Objective

The goal of this internship is to investigate the application of green chemicals for the primary wastewater treatment. During this internship you will perform a technical and economic study to determine the feasibility of using different green chemicals in different industries. You will conduct a series of laboratory experiments as part of the technical study, while a CO₂ reduction analysis scan should be executed as part of the economic evaluation.

You will get trained in the field of water treatment and chemistry. Therefore, this internship is a unique chance to get expertise in the field of science and engineering.



#missionwater



Internship specifications

Type of education: BSc or MSc Chemical, (Bio)Process or Environmental Engineering

Supervisor: Yasmina Doekhi-Bennani

Location: Doetinchem

Duration: 4 – 6 months

Application

If you are interested in this internship at Nijhuis Saur Industries please send the following to Yasmina Doekhi-Bennani at Internship.NWT@nijhuisindustries.com:

- your motivation
- CV
- the period and duration of your internship