



## **CFD engineer**

### **Description of the role:**

As CFD engineer at CelSian you become member of our modelling team (8 FTE). The main task of the team is to execute model simulations for our customers. We have two different software packages, EBM and GTM-x. EBM is an easy to use model aimed at energy reduction simulations, GTM-x is our in-house developed full CFD-application. We expect you to become familiar with both software packages and execute simulation projects in close cooperation with your team as well as our customers around the globe. With our focus on the glass industry at CelSian, we have set the standard in modelling and simulation of glass furnaces.

### **Key tasks:**

- Run variation studies, analyze and report the results
- Manage overall customer projects: on time, right quality and within budget
- Provide technical expertise in problem resolution, cost reduction and quality improvement
- Provide effective design solutions to optimize product functionality, reliability and stability
- Provide accurate and detailed reports of modelling results
- Communicate with our customers
- Support multiple company tasks and activities

### **Requirements:**

- Passion for technology & sustainability
- Master in engineering (physics, chemical process or similar)
- Minimum 3 years relevant work experience in CFD simulation, or in glass production
- Precise, very strong 3D-apprehension
- Team player
- Strong in project management and computer skills

### **CelSian offers:**

- An equal opportunity place to work, and with our global customer base we're proud to celebrate differences between our team members and affiliated partners
- Intellectual inspiring work environment
- Excellent benefits including 32 holidays and top-notch pension arrangement
- Profitshare in cash or stock
- All-you-can-eat-lunch

## **About CelSian**

CelSian is a spin off from TNO, we are an independent company since 2011. As an engineering consultancy we focus on the glass manufacturing industry. We do that with a fantastic team of engineers and scientists, with our laboratory set up in Eindhoven, unique software packages. We are strongly connected to our customers, and often our combined knowledge and skills make the difference why customers choose for us. We thrive when working on complex challenges for the industry, and our purpose is to support reducing the footprint of the glass industry towards a fully circular industry segment.

## **Curious to learn more?**

Please send your CV and motivation to [infodesk@celsian.nl](mailto:infodesk@celsian.nl) or call Harmen Kielstra for more information (+31 6 4622 5667)