

Chemical process Design Engineer – Ref: DESENG

Company

Hysilabs has developed a liquid hydrogen carrier HydroSil, stable and safe at ambient temperature and atmospheric pressure. This breakthrough in the energy sector takes advantage of the remarkable properties of hydrogen without the usual drawbacks inherent to its storage and transportation. This innovative liquid state allows to use similar logistics as conventional fuels. By employing renewable resources for its production, this solution enhances the deployment of considerably more environmentally friendly solutions compared to fossil fuels. Our ambition is to gather motivated and passionate people around this multi-awarded project in order to achieve new development steps together.

Mission

You will integrate the technical development team within a 10 collaborators start-up and actively contribute to the success of the projects. Your role is to take part in the preparation of industrial scale implementation of the new technologies and be a driving force in future technical developments.

Your main missions will be to:

- Perform evaluations of heat and matter flows,
- Scale production unit
- Perform draft and basic engineering for future industrial plants
- Project lab-scale innovations impact at industrial scale
- Ensure compliance with environment & safety regulation
- Perform grey energy (initial plant implementation energy footprint) analysis

Profile

- You hold a Chemical Engineering Design degree (from university master or engineering school)
- You have a background in chemical reactors conception and dimensioning
- You have experience in performing process engineering studies at industrial scale
- You have good technical writing skills in English
- You are autonomous and proactive
- You are dynamic and rigorous
- You can deal with confidential material

Offer

- Open-ended contract
- Position to be filled as soon as possible
- Gross annual salary: from 35k€ - depending on profile
- Position based in Aix-en-Provence (France) on the Technopôle de l'Environnement de l'Arbois. The site is located in full-nature, easily accessible by public transportation.

Application process

Send your resume and covering letter (English or French) as PDF attachment via email to recruitment@hysilabs.com. Please include this reference to the subject of your email: [DESENG]_