

ACAVI, a company specialized in Human Resources for scientific industries, has been assisting its clients for more than 17 years in recruitment, evaluation and consulting.

Our client, a fast-growing French start-up dedicated to the design of innovative circular chemical manufacturing processes in a sustainable development context recruits a:

CATALYST DEVELOPMENT ENGINEER M/F

Permanent position – IdF (91), France

Do you want to work in a fast-growing Deeptech startup in chemistry?

To develop innovating manufacturing processes in a context of ecological transition?

To acquire the means for innovation and excellence in an ambitious company?

Your main task is to develop a catalyst for batch and flow reactors for the conversion of CO₂ to para-xylene. This position offers an important part of autonomy, concerning the choice of strategies necessary to the success of your missions.

Your missions:

- ✦ **Create, develop and demonstrate of chemical processes** in the laboratory and translation of those processes into commercial scale.
- ✦ **Act as the technical expert for CO₂ (or CO) to BTX** within the R&D team.
- ✦ **Publish reports** and present results on a regular basis.
- ✦ **Manage multiple projects** and deliver in a timely manner.
- ✦ Keep up to date with **new developments within flow chemistry research**.

Skills and expertise:

- ✦ A PhD in Chemistry or Chemical Engineering with 3+ years in industrial process/catalysis.
- ✦ Experience in catalyst development, including laboratory scale development and scale-up.
- ✦ Demonstrated broad knowledge in catalyst design and synthesis. Ability to independently design and optimize scalable and economical processes.
- ✦ Experience in catalytic transformation of gases (CO/CO₂/H₂) for BTX synthesis
- ✦ Perform kinetic studies of catalytic systems
- ✦ Perform troubleshooting and maintenance of lab instruments
- ✦ Ability to learn new application areas with minimal guidance
- ✦ Highly motivated and a team player
- ✦ Excellent communication skills
- ✦ Ability to work in a fast-paced, rapidly changing environment
- ✦ Ability to manage multiple projects, prioritize, and meet deadlines
- ✦ Strong organizational skills and attention to detail

Envoyez rapidement votre candidature (CV et lettre de motivation) sous référence EC130722-094 en vous connectant via le lien suivant : <https://www.acavi.fr/offres-emploi/job/EC130722-094-ACA/ingenieur-developpement-chimie-catalyse-hf>