

TreaTech is a Swiss start-up created in 2015 as an EPFL spin-off. Our aim is to bring to the market a solution, based on hydrothermal gasification, for the valorisation of waste into valuable resources such as methane-rich renewable gas, clean water and minerals.

LABORATORY MANAGER

JOB PURPOSE, MISSION:

We are looking for an engineer to join the R&D team to work on the laboratory prototypes and the industrial hydrothermal gasification demo unit. Your main tasks will be:

- Operate experimental laboratory units during test campaigns carried out for customers and also during tests linked to the development of the technology.
- Prepare and improve experimental units according to the tests to be carried out (e.g. modification of reactor configuration).
- Taking part in scaling up the process from lab to industrial scale with the support of process engineers
- Process experimental data to establish process performance (e.g. material and energy balances)
- Drafting experimental reports and other documentation.
- Participate in the planning of laboratory tests.
- Supervising the laboratory's technical team.

SKILLS REQUIRED :

- Diploma in chemical engineering
- Good knowledge of English and French
- Willingness to travel regularly within Switzerland or the European Union

PERSONALITY :

- Affinity for industrial processes
- Sense of initiative, problem-solving skills and ability to put forward proposals
- Enjoys working as part of a team and has a dynamic, positive attitude
- Good communication skills
- Great adaptability
- Ability to work under pressure

TRAINING

- Diploma in chemical engineering
- Very good knowledge of professional English

EXPERIENCE

Chemical engineer with initial experience in industry, ideally in the energy/environmental chemistry sector

LANGUAGES

- French: Good level (B2)
- English: Fluent

TREATECH

- A stimulating and inspiring working environment where innovation is essential to meet the challenges of the future in waste recovery and the production of green energy.
- A role in which your work will have a key impact on the development of the process and the company.
- A positive corporate culture in which dynamism, flexibility and teamwork are key values.
- Potential to move into management roles as the company grows.