

INTERNSHIP

R&D Process Engineering

Ref : 2026-AKE-CP

- *Candidate profile: Process engineering student*
- *Level of training: Min. Bachelor's degree*
- *Sector: Recycling / Renewable energy*
- *Internship duration: > 5 months*
- *Start :Feb-April 2026*
- *Localisation: Strasbourg (France)*

About Arkeale

Arkeale is a mission-driven company with 10 employees, specialising in the development of a hyperlocal solution for converting food waste into renewable gas, the BioCapsule®, specially adapted to urban biowaste producers.

With 6 years of R&D and qualified as a Young Innovative Company, the startup is supported by the Grand Est Region and the SEMIA incubator.

Your missions

Following the launch of the first operational pilot project, Arkeale is looking for a student **specialised in process engineering and motivated by the development of the BioCapsule®** to ensure its emergence in the territory.

Within the R&D team, the objective of your internship is to participate in the development of process equipment and the treatment of the biogas generated by the BioCapsule®.

The mission will include the following multidisciplinary activities:

- Brainstorming ;
- Problem solving, search for innovative solutions ;
- Hydraulic sizing ;
- Process Flow Diagram (P&ID) Optimisation ;
- Drafting of test protocols ;
- Rapid prototyping and workshop testing ;
- BOM management, sourcing and supplier analysis ;
- Participation in the manufacture in the workshop and commissioning on site ;
- Validation tests and report writing ;
- Technical documentation for installation and maintenance.

Education & Experience

Min. Bachelor's degree in process engineering, you have the following skills:

- Sizing of process units (fluid mechanics, pump);
- Piping calculations (diameters, pressure drops);
- Good understanding and writing of process diagrams (P&ID);
- Be ready to work independently on multidisciplinary responsibilities;
- Hands-on and enthusiastic about manufacturing, workshop testing and on-site intervention, manufacturing and workshop testing;
- Intermediate level of English.

Joining Arkeale means :

- Give meaning to your work by integrating a project with an ecological and social mission providing a concrete response to current problems;
- Integrate a multidisciplinary team and a startup environment based on trust, transparency and respect;
- Participate in the construction of an innovative company with a strong development perspective, where autonomy and initiative are appreciated;
- Remote work, training, fruit basket, shared coffees...

Apply!

Would you like to join the adventure?

Send us your CV with your cover letter **by e-mail before 14/02/2026** to recrutement@arkeale.fr with the subject "**2026-AKE-CP**".