

PEM Engineering Lead

La Rochelle (Lagord), France

Join Genevos – Powering the Future of Clean Maritime Energy

At Genevos, we are on a mission to decarbonize the maritime sector. Our cutting-edge fuel cell technologies replace polluting combustion systems with clean, high-efficiency energy solutions, helping the shipping industry move decisively toward net-zero emissions.

We design and industrialize modular power systems that convert alternative fuels such as hydrogen, LNG, and methanol into electricity with exceptional efficiency and dramatically reduced emissions. Joining Genevos means contributing to innovative technology that makes a real-world environmental impact.

Why Work with Us

Genevos is a fast-growing, mission-driven company where ownership, creativity, and collaboration define our culture. You'll work alongside passionate engineers, technologists, problem-solvers, administrators, and leaders tackling high-impact challenges that advance sustainable maritime transport.

If you're motivated by innovation, energized by responsibility, and eager to contribute to meaningful environmental progress, you'll thrive at Genevos.

The Role

Genevos is recruiting an experienced PEM Engineering Lead responsible for coordinating the development of PEM fuel cell systems at Genevos.

Reporting directly to the Chief Technical Officer (CTO), the role includes:

- **Team coordination:** Lead and coordinate the team responsible for PEM product development throughout the various project phases.
- **System architecture:** Define and validate the overall product architecture, in collaboration with the systems engineering team, to ensure efficiency, security and scalability.
- **Supplier management:** Lead procurement activities and oversee external development projects relating to bespoke components or systems.
- **Technical project reports:** Draft interim progress reports and produce detailed technical documentation throughout the project lifecycle.
- **Technical validation:** review and approve technical drawings, engineering reports, detailed calculations and design documentation prior to internal or external distribution.
- Provide technical support to internal and external teams,
- Occasional travel may be required.

This list is not exhaustive. Additional tasks and responsibilities may be assigned as required.

Qualifications & Experience

- Minimum of 5 years of professional experience in PEM systems engineering.
- Required skills:
 - Fuel cell systems design
- Ideal skills and experience in any of the following spheres of engineering:
 - Power systems architecture
 - Mechanical design
 - Fluid mechanics and CFD
 - Heat transfer and high temperature machine design
 - Certification process
- Education: Master's degree in mechanical engineering or equivalent
- Strong foundation of fluid mechanics and heat transfer with applied engineering experience;
- Demonstrated ability to support projects from conception to completion;
- Comfortable in both English and French languages

Personal Skills Required:

- High autonomy, rigor, and strong team spirit, with the ability to set priorities and manage time effectively.
- Results-driven with a focus on continuous improvement.
- Strong organizational skills and ability to handle multiple tasks simultaneously.
- Excellent interpersonal skills and strong professional ethics.

Additional Information

- Location: Lagord, Charentes-Maritimes, 15 minutes from La Rochelle by bike.
- Contract: Permanent, full-time (open-ended).
- Start date: ASAP.

How to Apply

Send your CV and cover letter to careers@genevos.com. Only qualified applications will be considered. Applications are confidential. Refer to our [privacy policy](#) for details.