

Mechanical Design Engineer

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

We are seeking a Mechanical Design Engineer with strong experience in high temperature machine or engine design that will be an integral part of the product development team for engineering high temperature fuel cell modules for shipping power installations.

Reporting directly to the Engineering Lead, the position includes the following responsibilities:

- Detailed mechanical sub-system and part design in accordance with design specifications and marine industry standards, taking into account cost, assembly time and serviceability
- Structural calculations and validation of components and assemblies through design spreadsheets and FEA, where applicable.
- Generation of production drawings of components and subassemblies together defining manufacture process and materials
- Coordinating and developing relationships with key suppliers and leading the selection and procurement of critical parts and subsystems;
- Participate in the product industrialization process through design for high series manufacturing, cost engineering, process and materials choices.
- Prepare reports and documents related to tasks (e.g., design report, assembly plan, etc.);
- Develop a solid understanding of maritime design guidelines

Qualifications & Experience

- At least 5 years of professional experience in mechanical design and systems engineering, ideally in the field of systems engineering;
- Strong skills and experience in the following engineering fields would be of benefit:
- Mechanical design and simulation (structural & thermal)
- Heat transfer and thermodynamics
- High-temperature materials
- Fuel cells;
- Marine engineering.
- Education: Master's degree in mechanical engineering or equivalent;
- Proven ability to support projects from design to completion;
- Proficiency in 3D CAD modeling software (e.g. SolidWorks);

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.