

Mechanical Design Engineer

La Rochelle (Lagord), France

About Genevos – Decarbonising the maritime sector

A unique opportunity to play a key role in the innovation of zero emission hydrogen-electric power solutions to replace fossil fuels on board vessels.

Genevos is in the process of developing and commercialising plug-and-play marine fuel cells to facilitate the sector's transition to clean energy. These Hydrogen Power Modules offer a scalable solution that can be applied across the maritime sector from small to large vessels including yachts, speed-boats, ferries, service vessels, and inland transport.

Culture

Genevos is driven by a strong team of self-driven individuals who take initiative in their work, are creative and thrive off solving engineering challenges.

If you are passionate about enabling positive environmental change and are looking to play a key role in a fast-growing start-up, then Genevos could offer you the adventure and fulfilment that you are looking for.

The Role

Genevos are recruiting an experienced Mechanical Design Engineer to be a core part of the product development team to engineer high power fuel cell systems for clean maritime applications.

Reporting directly to the Technical Manager, the role includes:

- Concept definition and packaging of full mechanical design integration based on design specifications and marine certification guidelines, working closely with the Systems Engineering Lead.
- Participate in the industrialisation process of products through applied design-to-manufacture, taking into account cost, assembly time and serviceability, with cross-departmental collaboration.

Required Experience / Qualifications

- Minimum of 5 years of professional experience in mechanical design and systems engineering, with experience in industrialisation;
- Education: Master's degree in mechanical engineering;
- Strong foundation of fluid mechanics, and heat transfer with applied engineering experience;
- Experience in the following spheres of engineering:
 - Hydrogen and fuel cell systems
 - Power systems
 - Machinery design

- Fluid mechanics, heat transfer
- Demonstrated ability to support projects from conception to completion;
- Proficiency in 3D CAD modelling software (Solidworks & AutoCAD (preferential)), and CFD software (preferential);
- Fluency in English, with basic French language skills.

Required Personal Skills

- Self-organised with capacity to prioritise, manage time effectively, multi-task, and adapt;
- Results-oriented and continuous improvement approach;
- Excellent interpersonal skills and a strong sense of ethics.

Additional Information

- Work Location: La Rochelle - Charentes-Maritimes. Currently located in Atlantech's low-carbon building in Lagord, a 15-minute cycle from the centre of La Rochelle. The company is currently looking to expand and may relocate to a different town in the vicinity of La Rochelle.
- Contract: Permanent & full time (CDI);
- Start: Immediate.

Contact

If you are interested in applying for this role, please send you CV and covering letter to careers@genevos.com

Only qualified applications will be considered.