

## Systems Engineering Lead

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 onboard vessels.**

Genevos is a leading developer of fuel cell electric powertrain technologies for marine applications in to accelerate the shift towards clean energy for the maritime sector. Genevos produces innovative fuel cell power modules that convert green hydrogen and other lower carbon e-fuels into clean power in order to decarbonise ferries, work boats, shipping and pleasure craft.

### 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 is recruiting an experienced Systems Engineering Lead 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:

- Leading the systems engineering of new fuel cell product developments at Genevos, and playing a key part in the concept definition for maximising efficiency, durability and fuel compatibility.
- Mechanical design of systems to design specifications and marine industry standards
- Coordinate and develop relationships with key suppliers, and leading the procurement of key parts and subsystems
- Participate in the industrialisation process of products through applied design-to-manufacture, taking into account cost targets, assembly time and serviceability, with cross-departmental collaboration.
- Develop strong understanding of maritime design guidelines and be able to manage risk-based design processes including HAZID, HAZOP & FMECA

## Required Experience / Qualifications

- Minimum of 5 years of professional experience in mechanical design and systems engineering, with strong understanding and experience working with fuel cells.
- 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;
- Proficiency in 3D CAD modelling software (SolidWorks & AutoCAD preferential)
- Comfortable in both English and French languages

## 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: Lagord, Charentes-Maritimes, 15 minutes from La Rochelle by bike;
- 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](mailto:careers@genevos.com)

**Only qualified applications will be considered.**

*Application submissions will be stored confidentially. Please refer to our privacy policy for more details [www.genevos.com/privacy-policy/](http://www.genevos.com/privacy-policy/)*