**Senior Mechanical Engineer**

**Decarbonize Faster. Any Fuel. Anywhere!**

Work with us to build the engines of the future that will replace combustion engines and diesel generators.

We are developing the next generation of hydrogen-powered fuel cells. We are a truly international global company, public in Nasdaq (ADN) with passionate people in Silicon Valley, Boston, Denmark, Germany, Greece, and Asia, committed to changing the world for the better. Now!

We are looking for a Senior Mechanical Engineer to join our international engineering team. The current position is based in Patras, Greece**.**

**Essential Duties and Responsibilities:**

* Perform mechanical design functions for integrating fuel cell stacks and other components into various applications (combined heat & power, backup power, marine).
* Design complex mechanical products for industrial and domestic applications.
* Conduct mechanical simulations on the integrated product to help ensure that the finished product will meet requirements, confirm product performance by designing and conducting tests.
* Prepare technical documentation to support assembly of the finished product in a manufacturing environment. Work with manufacturing engineers to help ensure a smooth transition of the product through its development cycle.
* Assist the completion of engineering projects by organizing and controlling project elements. Cooperate and communicate effectively with project manager and other project participants to provide assistance and technical support.
* Complete technical studies and prepare cost estimates.
* Walk the finished product through regulatory testing to meet EU standards.

**Required:**

* 5 + years’ work experience in product development preferred.
* Degree in Mechanical Engineering or related fields. MSc is a plus.
* Proficiency in Solidworks or similar CAD, CAE software.
* Track record in product design.
* Knowledge of packaging, molding, formed metal parts, ventilation schemes and thermal design.
* Experience with power generation/storage products is a plus.
* Understanding of EU regulations.
* Skills in Microsoft Office, Project, Visio, or equivalent software.

**Skills:**

* Strong analytical skills
* Troubleshooting and attention to detail
* Excellent verbal and written communication
* Flexibility and multitasking ability
* Strong organizational and communication skills
* Excellent English language proficiency

If you share this mentality, please send us a bio at careers@advent.energy with the corresponding code:**SME\_Patras**

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