




Company Description

Kinergy Fuel Cell is a Bilbao-based technology company focused on the research, development, and commercialization of next-generation Proton Exchange Membrane (PEM) fuel cell systems. Our mission is to complement electrification and drive decarbonization in industrial mobility, urban transport, and off-grid energy supply through clean, efficient, and scalable hydrogen technology. We are currently developing a 20 kW PEM fuel cell system designed from the ground up — including proprietary carbon composite bipolar plates, a new Fuel Cell Control Unit (FCCU) with adaptive algorithms, and a complete Balance of Plant (BoP and eBoP) — optimized for durability, efficiency, and modularity. Our roadmap extends to 100 kW systems for portable EV charging and high-power industrial applications, positioning Kinergy at the forefront of hydrogen innovation in Europe. Kinergy works in close collaboration with leading research centers such as CMT-Motores Térmicos (UPV), technology partners in Asia and Europe, and innovation hubs like the Energy Intelligence Center (EIC). We participate in competitive R&D programs (CDTI, Neotec, PERTE VEC, SPRI) and have the support of public and private investors committed to the hydrogen economy. Joining Kinergy Fuel Cell means becoming part of a multidisciplinary, international, and growth-oriented team where your work will have a tangible impact on sustainable

Information

 Deadline: 2025-09-30
 Category: Business
 Province: Bizkaia

 Country: Spain
 City: Bilbao

Company

kinergy fc



Main functions, requisites & benefits

Main functions

Mechanical Design Engineer Are you passionate about mechanical design for innovative systems? At Kinergy, we are looking for an engineer with experience in 3D CAD design, development of complex components, and product optimization for manufacturing and quality. You will be part of the team developing a new generation of PEM fuel cells featuring carbon composite bipolar plates. Your role will include designing and validating critical system components, working closely with suppliers and cross-functional technical teams. Experience in the automotive sector, hydrogen technologies, or small-series manufacturing will be highly valued. If you are ready to take part in a cutting-edge clean energy project, we want you on our team!

Requisites

Bachelor's or Master's degree in Mechanical Engineering, Industrial Design Engineering, or related field. Proven experience in 3D CAD design (preferably SolidWorks, CATIA, or similar). Experience in the design and development of complex mechanical components and assemblies. Knowledge of manufacturing processes for short production series (machining, additive manufacturing, injection moulding, etc.). Ability to collaborate with suppliers and manage technical documentation. Previous experience in automotive, hydrogen technologies, or industrial equipment design is an asset. Strong problem-solving skills and attention to detail. Good communication skills in English; Spanish is an advantage.

Benefits

Opportunity to work on cutting-edge hydrogen fuel cell technology with a tangible impact on decarbonization and sustainable industry. Dynamic and collaborative work environment in a fast-growing technology company. Professional growth and training opportunities, including participation in R&D projects with leading European and international partners. Flexible working hours and hybrid work options when project requirements allow. Competitive salary according to experience and qualifications. Modern facilities located in Bilbao, with access to advanced prototyping and testing equipment. Involvement in the full product lifecycle — from concept and design to prototype validation and industrialization. A multicultural and multidisciplinary team that values innovation, initiative, and teamwork.