

Waste is our Energy
Engineering is our Business.
Sustainable Solutions are our Mission.



Principal Engineer, Electrolysis

We offer

- Challenging & dynamic responsibilities with a broad range of tasks
- Team-oriented atmosphere in an international company
- Intimate, interdisciplinary collaboration developing innovative sustainable solutions to enhance quality of life
- Personal & professional development opportunities
- Modern infrastructure in the metropolitan city of Stuttgart/ Germany

Your Responsibilities

- Drive the continuous development efforts of the Power to Hydrogen electrolyser
- Lead the technical design and configuration of our electrolyser incl. stack design, electrode selection and other components
- Responsible for evaluating & analyzing electrolyser performance and recommendations to drive performance and product improvements
- Actively participates in national and international funded projects and tenders

Your Experiences

- Hold an engineering degree in electrochemistry or material science (MS or PhD) or have a similar education
- Experience in the design and development of electrolyser systems and their components in the fields of alkaline electrolysis and PEM
- Experience in successful development of new products from development to production
- Computer Aided Design (CAD) skills and simulation software skills preferred
- Good English language skills both written and spoken (German or Japanese is a plus)
- Flexible to work independently and within a team environment, preferably in an international environment

As a subsidiary of Hitachi Zosen Inova AG (HZI), HZI ETOGAS GmbH develops, builds and sells turnkey Power-to-Gas plants (PtG) with components developed in-house for use in the fields of Power-to-Hydrogen, Power-to-SNG and Hydrogen-to-SNG. If you are interested in a new challenge that combines sustainable technology and personal development opportunities, then HZI ETOGAS GmbH is the perfect place for you.

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