



The Hydrogen Research Center Austria – HyCentA Research GmbH – at the Graz University of Technology is Austria's leading institute for applied research on hydrogen technologies. Using state-of-the-art technical infrastructure and modern simulation methods, HyCentA conducts cutting edge international research on technologies such as electrolysis, storage systems and fuel cells for future energy systems.

We are looking for someone to join our competent and dynamic team as

Research Associate and Project Manager: Alkaline and Anion Exchange Membrane Electrolysis

Working hours: full-time or part-time

As a member of the team at the Hydrogen Research Center Austria, a Competence Center for Excellent Technologies (COMET), you will contribute to excellent research and development in the field of sustainable, hydrogen-based energy systems.

Your Responsibilities:

- Strategic identification, outreach and acquisition of new research and industry partners in the field of alkaline and anion exchange membrane (AEM) electrolysis.
- Acquisition and development of third-party funded, grant-funded, and industry projects (including EU programs, national funding schemes, and bilateral industry collaborations), including idea development, consortium building and proposal preparation.
- Management and execution of research and third-party funded projects in the field of alkaline and anion exchange membrane (AEM) electrolysis.
- Design, execution and analysis of experiments to improve electrolysis technologies, with a particular focus on material development and process optimization.
- Technical leadership and coordination of the project team to ensure objectives regarding timeline, budget and quality are achieved.
- Representation of the research field through scientific publications, presentations at international conferences and active participation in industry and funding network events to increase visibility.

Your Profile:

- Completed university degree (MSc) in chemical engineering, materials science, physics, mechanical engineering, electrical engineering or a related field.
- Several years' experience in hydrogen technology and/or electrolysis processes, particularly in alkaline and anion exchange membrane electrolysis.
- Solid knowledge of electrochemical processes, electrode material development and characterization, and analysis tools such as EIS and DRT is an advantage.
- Experience in leading and coordinating research projects as well as collaborating with industry partners.
- Excellent communication skills in German and English, both written and spoken.



**Shaping the Sustainable Hydrogen
Society through Research**

- High level of commitment and ability to work in a team, with an openness to continuous training and professional development.

Our Offer:

- Work at a renowned, high-tech research institution in Graz.
- Excellent, family-friendly work environment with flexible working hours and the option to work from home up to two days per week.
- Full-time and part-time positions available.
- A challenging role in an exciting field with future-oriented technologies.
- We offer a minimum salary of **€4,757 gross per month**. Your individual salary will be determined according to your qualifications and experience.
- In addition, we provide numerous benefits, including individual training and career development opportunities, such as doctoral programs and ongoing professional development in a highly innovative environment.

To promote gender equality, we particularly encourage women to apply.

Please submit your application, including your CV, cover letter and certificates, to:
jobs@hycenta.at.