



Job Title: Research Scientist - Ammonia Electrolyzer Technologies

Location: Merkaz, Israel

We are an exciting new startup that is building our first team to tackle one of the biggest challenges facing our planet – **climate change**.

Based on a breakthrough from the prestigious WIS, we develop emissions-free ammonia production technologies, which has the potential to transform both the agriculture and energy sectors.

Our technology could play a vital role in mitigating climate change. In fact, we estimate that our solution has the potential to reduce up to 5% of global emissions, making a significant contribution to a more sustainable future.

We are seeking a highly motivated and experienced Research Scientist to join our team and help develop and optimize our ammonia electrolyzer technologies. As a Research Scientist, you will be responsible for designing, conducting, and analyzing experiments to advance our technology and develop new solutions for the production of ammonia using renewable energy sources.

Responsibilities:

- Design and conduct experiments to optimize and improve ammonia electrolyzer technologies.
- Develop and implement protocols for testing and characterizing electrolyzer performance.
- Analyze experimental data and develop models to better understand system performance and optimize design parameters.
- Collaborate with cross-functional teams to ensure successful development and scale-up of technology.
- Keep abreast of the latest developments in the field and identify opportunities for innovation.

Qualifications:

- PhD in Electrochemistry, Chemistry, Material Science, or a related field.
- 5+ years of experience in industry or academia with a strong background in electrochemical systems, fuel cells, and electrolyzers.
- Strong analytical and problem-solving skills.
- Experience with materials characterization and electrochemical testing techniques.
- Familiarity with ammonia production processes and technologies is a plus.
- Excellent communication and collaboration skills.

We are excited about the potential to add a talented and motivated individual to our team who shares our passion for making a positive impact on society and the environment. If you believe you are the right fit for this role we encourage you to apply and look forward to reviewing your application. Please submit your resume and salary expectations to: meital.alon@nitro-fix.com