

## Head of Research & Development

In this new role, you will lead our research and development (R&D) activities. You are expected to develop innovative ideas to address the company's technical challenges, coach and inspire a team of professionals and interns. You will act as a leader in the R&D department and, together with the management team, define an R&D roadmap that will strengthen AquaBattery's position and bring the technology to a whole new level!

### **Who we are:**

AquaBattery is a deep-tech company based in the Netherlands working to revolutionize renewable energy storage. Our mission is to cut energy bills and catalyze the development and uptake of renewable energy technologies across the EU and beyond. We recognize that renewable energy is only part of the solution, and only through pairing it with low cost and scalable energy storage solutions can we truly make an impact. AquaBattery was founded in Leiden in 2014 to commercialize the world's cleanest energy storage solution. We have won a host of prestigious international awards, such as Herman Wijffels Innovation Award (2016), Accenture Innovation Award - Circular Economy (2017) and the Postcode Lottery Green Challenge (2018). Our team is composed of leading experts in water technology, membrane science and energy storage. We are supported by a network of exceptional partners, such as Climate-KIC, TU Delft, The Green Village Delft, and technical experts at Imperial College London, REDStack, and Wetsus. We have also secured industrial partners such as Compass and TBI that can support electronics and install systems. Our technology has been successfully demonstrated through several prominent installations in the Netherlands and Italy and has reached TRL 6; we are now expanding our company. Together we develop energy storage technologies to establish a sustainable energy future that can rely on 100% clean and affordable energy.

### **Your day-to-day work:**

- Devise and test new ideas to radically improve AquaBattery's technologies;
- Responsible for developing our innovative battery system to the point of commercialization (from TRL 6 to TRL 9);
- Distil core issues in complex and novel system designs to tackle;
- Determine the research agenda and manages progress and timelines of technical developments;
- Set high-level goals together with the CEO and can translate these goals into detailed technical targets and KPI's;
- Responsible for leading technical staff, able to motivate and inspire the team and can lead by example;
- Assists in scouting and hiring new talented technical staff;
- Extends and maintains our existing network in the industry, government and academics;
- Work closely together with people inside our company as well as outside our company;
- Keep a full overview of the product creation chain, from idea to large scale manufacturing and makes sure quality and costs targets are met;
- Set up and manage research and development budget.

### Who we're looking for:

- An energetic personality who continuously thinks in solutions and has a hard time accepting 'something cannot be done';
- >10 years of working experience (in a technology leadership role) in the field of battery technology, fuel cells, energy, water technology or related field;
- Preferably has prior experience in the same position in a similar type of company;
- MSc or PhD degree in chemical engineering, applied physics or mechanical engineering, and have an affinity with electrochemistry, membrane technology and cost engineering;
- Has a broad network in industry, government and academics;
- Enjoys learning new technologies, ways of manufacturing and keeping up to date in science.
- Fluent in English, preferable fluent in Dutch;
- Strong communicator, internally and externally.

### What you can expect:

- Be part of the mission to accelerate the transition from fossil fuels to renewable energy, and the chance to fast-track your career in a rapidly growing organization;
- A great team of passionate colleagues with diverse backgrounds, skills and nationalities;
- The ability to grow to the position of CTO;
- Have variety in your daily activities;
- Work-life balance;
- An open environment to express your opinion and share new ideas;
- A competitive salary consisting of a base salary and a performance-based component;
- 25 days of annual paid leave based on full-time employment;
- Travel compensation or an NS Business card;
- The opportunity to join conferences and business fairs.

### How to apply?

Please apply by sending your application including a cover letter and resumé to [info@aquabattery.nl](mailto:info@aquabattery.nl). For inquiry, please call 0639656609.

***Agency or sales calls/emails are not appreciated!***