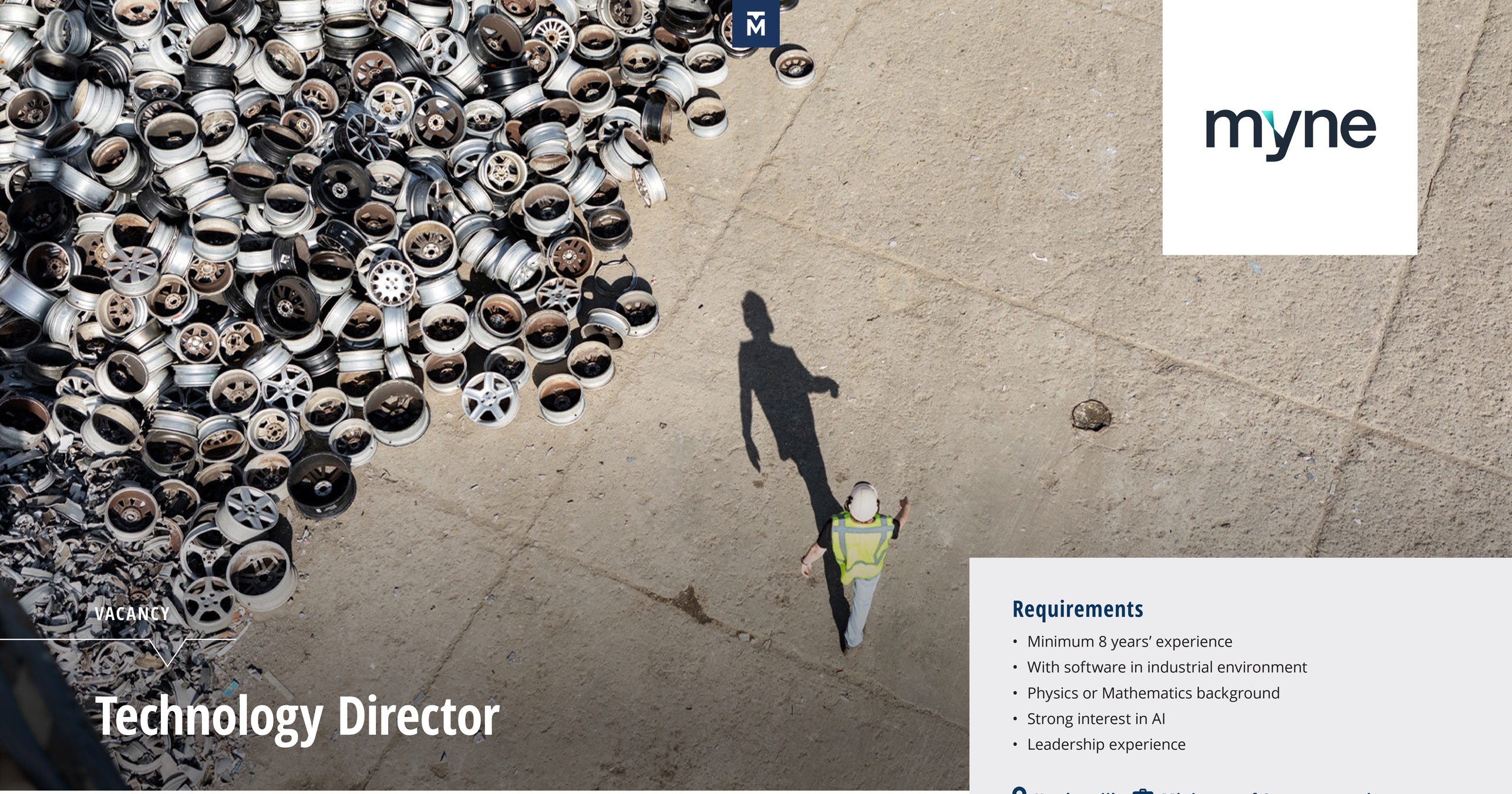

myne

VACANCY

Technology Director

Requirements

- Minimum 8 years' experience
- With software in industrial environment
- Physics or Mathematics background
- Strong interest in AI
- Leadership experience

Harderwijk **Minimum of 8 years experience**

Myne's sustainable mission is to transform our world and reduce metal extraction from the ground by infinitely recycling them to their original quality. By optimizing and scaling mechanical and software aspects of their revolutionary, AI-powered 'Xorter' machine, the Technology Director will ensure that Myne can expand their innovative technology into metal extraction factories worldwide.

Myne

Metals are used in our everyday lives: from the cars we drive and homes we live in, to the energy we use and even for satellite communications. We can't live without metals. However, the earth's resources are not endless, and metals extraction is costly and harmful to the planet. That's why Myne believes in creating fully circular metals, on demand and for the lowest cost — using their cutting-edge metals technology.

Dutch company Myne developed an ideal, sustainable solution. In collaboration with the Technical University in Delft, Myne created the 'Xorter' machine, which is state-of-the-art and a world's first. Powered by advanced AI technology, it uses robots to separate metals and transform metal waste into raw materials — to their original high quality metal. Plus, it takes pressure off shipping systems and natural resources, which reduces pollution and waste across supply chains.

Previously, recycling meant downcycling high-quality raw materials into low-quality products. Today, Myne turns waste products into circular metals, from aluminum to copper, that can be reused tomorrow. They collect and sort metals like copper, brass, zinc, electronics, and iron is also planned. This revolutionary technology positions Myne for expansion to transform the industry with fully circular metals.

Myne’s factory is located in Harderwijk, The Netherlands, which transforms discarded metals into fully circular material. They are the largest non-ferrous buyer in the Benelux and source metals from more than 400 suppliers. The company achieves annual? turnover of around 400 million euros and employs seventy-five specialists. Their dedicated people work tirelessly to change the future of the metals industry. And The Netherlands is just the start of their journey. Myne’s strategy is to open other factories around the world in the years to come.

VACANCY

Technology Director

The Xorter is an ingenious, unique machine with many possibilities. However, it also has its challenges. These lie in the mechanical and hardware functions, as well as in the software that drives the processes. The Technology Director will understand both challenges and act as a bridge that links the domains to develop a seamless connection. This way, the Xorter can function efficiently and recycle almost any type of metal. This is sensitive, complex and customized work. The Xorter is controlled by embedded software, AI, and robotics to ensure the optimal precision and accuracy of the machine.

This Director role requires a physics background, understanding of how metals work, and how lenses, lasers, and sensors can ‘read’ them. Along with three industrial designers in their team, the Technology Director explores how to optimize the Xorter and its processes. For example, they could identify ways to make the separation process even more efficient and eliminate glitches.

In addition to professionalizing the hardware, optimizing the software is also essential for the Technology Director, whose team has two AI specialists, an IoT specialist, and a robotics expert. Together, they continually look for ways to improve the AI model of the Xorter, enhance process collected data, as well as identify innovations that could be of the most value for the Xorter.

The Technology Director leads a team of seven, including several freelance, external specialists. By engaging the right team members, the Director will further expand their team. They will also spar on a technical content level with an external advisor from Technical University in Delft and report directly to Myne CEO, Martijn van de Poll.

The Technology Director will not only connect the technical dots, but also people and their skillsets. By seamlessly aligning knowledge, expertise, and technology, the Director ensures that Myne can introduce the rest of the world to digital recycling using a highly-effective, duplicatable Xorter machine.

This role needs a solid understanding of physics or mathematics, and is highly technical with effective operational and communications skills. It is an excellent opportunity for a senior strategy consultant who wants to apply their specialized expertise in a technical environment that will make an impact towards a more sustainable society. ■

Interested? Myne is working with Top of Minds to fill this vacancy. Contact Hayke Tjemmes at hayke.tjemmes@topofminds.com to express your interest in this position.

“By recycling metals instead of downcycling, we reduce the climate impact of metal production by a whopping ninety-five percent. Our Technology Director will play a key role in realizing our strategy to achieve a new, sustainable future for the metals industry.”

Martijn van de Poll, co-CEO