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FOR IMMEDIATE RELEASE

Spectronik becomes official Hydrogen fuel cell supplier of HAN Hydromotive

Spectronik's new Protium Eco-Marathon (PEM) 450W fuel cell will power HAN Hydromotive's HM 15 vehicle at Shell Eco Marathon Europe and Africa 2024

Arnhem, The Netherlands, 15 May 2024 – Spectronik, a Singapore company specializing in the R&D, manufacturing and commercialization of portable Hydrogen fuel cells, announce that it has signed a partnership agreement with HAN Hydromotive – a forward looking and innovative eco-car team from the University of Arnhem and Nijmegen.

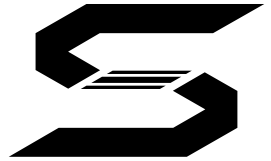
Under the partnership agreement, Spectronik shall become the official fuel cell system supplier of HAN Hydromotive's vehicles for the next 3 years – ensuring that HAN Hydromotive gets up-to-date and best performance products every year. HAN Hydromotive will return used fuel cell to Spectronik for recycling – effectively promoting sustainability and circular economy. At the same time, HAN Hydromotive will provide technical data and user feedback.

The partnership is announced on the day of the Unveiling Event of HM 15 – HAN Hydromotive's latest eco-car commemorating the team's 15th year anniversary. HAN Hydromotive has incorporated numerous improvements to the vehicle – such as its body, steering and braking system, suspension and live data logger. HM 15 will be powered by Spectronik's latest Protium Eco-Marathon (PEM) 450W Hydrogen fuel cell which promises better electrical efficiency and fuel utilization.

"HAN Hydromotive has been using Spectronik fuel cells for the past 3 years. This partnership is a natural next step to further strengthen our ties. We are proud to be associated with an extremely talented team who continually pushes the boundaries of motion efficiency and Hydrogen powered mobility," said Jogjaman Jap, CEO of Spectronik.

"In recent years, HAN Hydromotive has been able to achieve great results, thanks to the Spectronik fuel cells that powered our cars. HAN Hydromotive is extremely proud to be a representative of the leading Hydrogen fuel cell manufacturer Spectronik! Together with Spectronik, we will explore the full potential of transportation using hydrogen fuel cells, pushing the boundaries of what's achievable!" said Mees de Groot, Team Manager of HAN Hydromotive.

HAN Hydromotive will be participating at the Shell Eco Marathon Europe and Africa on 19-24 May 2024 – where HM 15 will attempt to break the team's fuel efficiency record.



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■ **About Spectronik**

At Spectronik, our mission is to democratize Hydrogen fuel cells.

We develop the world's best portable fuel cells and curate accessories such as Hydrogen cylinder and pressure regulator – so that any electric platform can be easily converted into a Hydrogen powered one.

Our flagship product – the Protium Series fuel cells, have been deployed in 35+ countries worldwide. They can be found in the air, on land, at sea and on rail – powering Mobile Robots and Urban Electric Mobility applications such as aerial drones, UGVs, AGVs, AMRs, forklifts, eco-cars, motorbikes and light pickup trucks. Spectronik powered products have won a national award, set a new world record, and dominated several fuel efficiency competitions.

Sustainability is a core aspect of our product design. All Spectronik fuel cells can be recycled and refurbished at the local point-of-use, creating high quality green jobs. More than 90% of the components in our fuel cells can be reused, effectively amortizing both the embodied carbon and initial cost of the product over several life cycles. Spectronik fuel cell architecture is best suited for tomorrow's urban electric mobility needs – zero emission, fast refueling, high driving range and long service life.

Join us in our journey to a future world powered by green Hydrogen solutions!

All Spectronik fuel cells are proudly designed and manufactured in Singapore.

For more information on Spectronik, visit <https://www.spectronik.com>

■ **About HAN Hydromotive**

HAN Hydromotive is a student team from the University of Arnhem and Nijmegen. Our goal? To improve clean, green mobility and promote the use of Hydrogen.

We believe in a cleaner and greener future through Hydrogen. To prove this, we are competing in the Shell Eco-marathon. HAN Hydromotive is building an ultra-efficient vehicle and using it to race against the top in Europe. In this race, international student teams compete to see who has designed the most efficient vehicle. In short, working with today's students on tomorrow's future!

For more information on HAN Hydromotive, visit <https://www.hydromotive.nl/en>

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■ Annex: Photos of HAN Hydromotive's HM 15 Vehicle

