

News Release

Hyundai Hydrogen Technology Combines Sustainability and Efficiency

Dubai, May 11, Hyundai Motor Company has been leading the way in sustainable mobility, with its innovative electrification technologies, among which hydrogen fuel cell technology gained a lot of attention as a viable and efficient sustainable alternative. The company has a proven track record with real-life applications with products that effectively utilize this technology. Hyundai became a global first-mover in hydrogen fuel cell technology with the launch of the ix35 Fuel Cell Electric Vehicle (FCEV), the world's first mass produced car powered by Hydrogen. Since then, Hyundai has introduced next-generation FCEVs, commercial FCEVs, and even future mobility solutions.

Hyundai's fuel cell technology works utilizing a chemical reaction between hydrogen gas and oxygen from the air to generate electricity that powers an electric motor, propelling the car forward with water vapor as the only emission. Hydrogen fuel cells provide a clean and efficient energy source.

by converting hydrogen into electricity to power the vehicle, emitting only water vapor and clean air. This technology is highly efficient and produces no harmful emissions, making it one of the most environmentally friendly forms of mobility.

Currently two Hyundai product continue to showcase the successful and practical application of Hydrogen fuel cell tech, the Nexo Fuel Cell and the Xcient Fuel Cell heavy-duty trucks, which represent a major step towards achieving a zero-emissions future. Another stellar example was the highly attractive N Vision 74, which was revealed and last year, The N Vision 74 offers impressive performance, with a claimed top speed of **over** 250 KPH. The vehicle is powered by a hybrid structure of a battery-electric in combination with an FCEV system, which is placed in an all-new layout.

The NEXO is a compact crossover SUV that can travel more than 600 km of range on a single charge or filling of Hydrogen, making it an ideal vehicle for both city and long-distance driving. It has a spacious interior and advanced safety features, making it a comfortable and reliable choice for any driver.

The XCIENT Fuel Cell is Hyundai's first fuel cell heavy-duty truck, capable of transporting goods over long distances with a range of over 400 km on a single charge. It has a high payload capacity and is equipped with advanced safety features to ensure a safe and efficient transportation

experience.

"Hyundai is committed to achieving a sustainable future through innovation and cutting-edge technology," said a Bryan Park, Head of Hyundai Motor Middle East & Africa HQ, "Our hydrogen fuel cell technology is a key component in our efforts to reduce emissions and create a cleaner and more sustainable world for generations to come."

Hyundai's dedication to sustainable solutions has earned the company recognition and numerous awards, including the prestigious title of "Green SUV of the Year" for the Nexo at the 2021 What Car? Awards, and 'Alternative Energy Car Of The Year' Award at annual GQ Car Awards 2021.

With the launch of its latest dedicated full-electric models, namely the IONIQ 5 and IONIQ 6, both of which have earned wide global prestigious recognitions and accolades, including World Car of the Year in 2022 and 2023., Hyundai is continuing to pave the way towards a more sustainable future, offering consumers a reliable and eco-friendly transportation option that is both practical and accessible.

– End –

About Hyundai Motor Company

Established in 1967, Hyundai Motor Company is present in over 200

countries with more than 120,000 employees dedicated to tackling real-world mobility challenges around the globe. Based on the brand vision 'Progress for Humanity,' Hyundai Motor is accelerating its transformation into a Smart Mobility Solution Provider. The company invests in advanced technologies such as robotics and Advanced Air Mobility (AAM) to bring about revolutionary mobility solutions, while pursuing open innovation to introduce future mobility services. In pursuit of sustainable future for the world, Hyundai will continue its efforts to introduce zero emission vehicles equipped with industry-leading hydrogen fuel cell and EV technologies.

More information about Hyundai Motor and its products can be found at:

<http://worldwide.hyundai.com> or <http://globalpr.hyundai.com>

<https://trucknbus.hyundai.com/hydrogen/en>

For more information, please contact:

Firas Rehim

Marketing Manager

Hyundai Motor Company Middle East & Africa Head Headquarters

Tel: +971 4 365 8340

E: firas@hyundai.com

Mohammad Samir

E: Mohammad.s@prma-ae.com