



## Toyota Showcases Pioneering Hydrogen FCEV Technology at World Future Energy Summit

*Company exhibits the zero-emission Mirai Fuel Cell Electric Vehicle and Fuel Cell Forklift during prestigious annual sustainable energy conference in Abu Dhabi*

**Dubai, UAE – 17 January 2023:** Toyota’s environmentally friendly mobility solutions are in the spotlight this week during the World Future Energy Summit in Abu Dhabi, where the hydrogen-powered Toyota Mirai Fuel Cell Electric Vehicle (FCEV) and a Fuel Cell Forklift developed by Toyota Industries Corporation will be on display throughout the three-day event. Both products utilize innovative hydrogen FCEV technology to deliver efficient performance with zero emissions, playing an important role in Toyota’s multiple pathway approach toward carbon neutrality.

Toyota began work on its hydrogen FCEV technology in 1992, which converts hydrogen and oxygen into electricity to power an electric motor and produces only water as a by-product. The company’s commitment to continually refining this technology can be seen in the groundbreaking Toyota Mirai, which offers best-in-class efficiency with zero emissions. The pioneering FCEV delivers a class-leading cruising range of 650 km and can be refueled in under five minutes, ensuring drivers enjoy the same levels of performance and convenience associated with a traditionally-powered vehicle.

The versatility of the Toyota Fuel Cell System has enabled a wide range of applications in areas such as trucks, buses, boats, and stationary generators, including the FC Forklift. This innovative solution has a refueling time of just 2 – 3 minutes, helping to ensure around-the-clock availability and making the FC Forklift especially well-suited to multi-shift operations where trucks are constantly in use.

**Kei Fujita, Chief Representative, Middle East and Central Asia Representative Office, Toyota Motor Corporation,** comments: “We are pleased to showcase two of our hydrogen-powered mobility solutions at the World Future Energy Summit, a highly significant platform that contributes to a more sustainable tomorrow. With a fueling time of less than five minutes, Toyota’s zero-emission hydrogen FCEV technology combines greater convenience with enhanced sustainability and is one of many promising solutions we have been exploring as part of our drive for carbon neutrality. I would like to extend my gratitude to the organizers of this important and timely event, the goals of which align closely with Toyota’s ongoing drive for sustainability.”

Recognized as one of the world’s most influential gatherings for the energy industry, the World Future Energy Summit brings together key stakeholders with the goal of accelerating the transition toward cleaner sources of energy. Toyota’s participation comes as part of its long-term commitment to developing carbon neutral mobility solutions. The company successfully launched the Prius – the world’s first mass-produced Hybrid Electric Vehicle (HEV) – in 1997 and continues to explore diverse technology options to meet the diverse needs of users across the globe. Today, Toyota offers a full lineup of sustainable mobility solutions including HEVs, Plug-in Hybrid Electric Vehicles (PHEVs), Battery Electric Vehicles (BEVs), and FCEVs, and has sold more than 22 million electrified vehicles<sup>i</sup> across the globe.

**Fujita** explained: “At Toyota, we recognize that carbon neutrality is a goal with multiple pathways; there is no single best solution for all use cases in all parts of the world. By focusing on the development of diverse electrified powertrain options, we are contributing to greater choices for drivers that will increase the adoption of eco-friendly vehicles. We will continue to seek out new technologies that can accelerate the journey toward a carbon-neutral society where people can enjoy happier, healthier, and more sustainable lives.”



The hydrogen-powered Toyota Mirai FCEV and Toyota FC Forklift are on display at the World Future Energy Summit 2023, which is taking place at the Abu Dhabi National Exhibition Centre (ADNEC) from 16 – 18 January.

**-Ends-**

**For more information, please contact:**

**Ismail Yagan**

General Manager

Toyota Middle East & Central Asia

Tel: +971 42993875

Mobile: +971 56 1797456

Email: [ismail.yagan@toyota-me.ae](mailto:ismail.yagan@toyota-me.ae)

**Walid Majzoub**

TRACCS

Tel: +971 43672530

Email: [walid.majzoub@traccs.net](mailto:walid.majzoub@traccs.net)

---

<sup>i</sup> Electrified vehicles or electrified powertrains may refer to Hybrid Electric Vehicles (HEVs), Plug-in Hybrid Electric Vehicles (PHEVs), Battery Electric Vehicles (BEVs), and Fuel-Cell Electric Vehicles (FCEVs)