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TEMESA pioneers zero emission journey with 10 different electric and hydrogen-powered vehicles

As a pioneer in the commercial vehicle market's transition to zero emissions, TEMESA reaffirms its unwavering commitment to sustainability by introducing a total lineup of 10 electric and hydrogen-powered vehicles. While showcasing three models from its zero-emission product range at the Busworld Europe, TEMESA also marked a groundbreaking moment by unveiling its intercity hydrogen bus, a collaborative project with CaetanoBus. This remarkable vehicle, capable of covering a distance of 1,000 kilometers on a single charge, made its inaugural appearance at the Brussels exhibition.

TEMESA boosted its global growth with the company's sustainability-oriented mobility strategy and demonstrated its commitment to zero emission at the Busworld Europe, one of the world's most prestigious commercial vehicle events. In the event held in the capital city of Belgium, Brussels, and attended by bus manufacturers from all around the world, TEMESA met with stakeholders in the commercial vehicle industry and introduced three different zero-emission models at its booth.

Alongside the electric bus, Avenue Electron, TEMESA also introduced the LD SB E, Europe's first electric intercity bus, to participants. Additionally, TEMESA unveiled its intercity hydrogen-powered bus, which it will develop in collaboration with CaetanoBus, one of Europe's leading hydrogen vehicle manufacturers, for the first time at Busworld Europe.

INTERCITY HYDROGEN BUS WITH 1,000 KM RANGE

The hydrogen bus project, which began development under the Joint Development Agreement signed last month, will combine the Toyota hydrogen fuel cell technology used in CaetanoBus for its city buses with TEMESA engineers' know-how in electric and long-distance buses.

The technology to be integrated into the bus on the TEMESA HD platform is designed to provide the bus with an estimated range of around 1,000 kilometers on a single tank, taking into account various road and geographical conditions. The vehicle is expected to enter mass production in 2025.

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WORLD'S SIXTH COMPANY TO RECEIVE EPD CERTIFICATION

During the press conference held at the exhibition, TEMSA CEO Tolga Kaan Doğancıoğlu commented on the industry and emphasized that they are pioneers in zero-emission transportation across all the regions they operate in, thanks to their business models centered around sustainability. He stated, "Today, we demonstrate our commitment to sustainability with a product range that includes 10 different vehicles, consisting of 8 electric and 2 hydrogen-powered vehicles. Furthermore, we continuously enhance our business processes and models with a strong focus on sustainability, collaborating with global platforms like CDP, SBTi, Global Compact, and Ecovadis."

Doğancıoğlu also highlighted a recent achievement, saying, "We are pleased to announce that we have received an EPD (Environmental Product Declaration) certificate for our Avenue Electron bus, which is on display at this exhibition. We are honored to be the sixth manufacturer in the world to receive such a certificate for a bus." Doğancıoğlu emphasized that they view sustainability as an integral part of their corporate culture and went on to say, "When we consider 2021 as our starting point, we achieved a significant 19 percent reduction in water consumption per vehicle and a remarkable 29 percent reduction in both Scope 1 and Scope 2 emissions by the conclusion of 2022. At present, we procure all the electricity used at the TEMSA production facility from renewable energy sources."

"WE PRODUCE 14 UNITS OF SOCIAL BENEFIT WITH 1 UNIT OF INVESTMENT"

Doğancıoğlu also highlighted that TEMSA allocates approximately 5 percent of its annual revenue to research and development (R&D) activities, a commitment they maintain regardless of the ever-changing dynamics in the global economy. He continued, "Our dedication to innovation empowers us greatly as we progress toward our sustainability objectives. Through this approach, we not only enhance the efficiency of our production processes but also expand the scope of sustainable business models throughout TEMSA. Currently, over 50 percent of all our R&D initiatives are directly associated with sustainability. However, our focus on sustainability doesn't revolve solely around innovation and efficiency. In accordance with our comprehensive sustainability roadmap, which encompasses all aspects of ESG (Environmental, Social, and Governance), we initiate pioneering projects that prioritize social benefits. Today, TEMSA has evolved into a 'social mobility company' that generates 14 units of social benefit for every 1 unit of investment, thanks to exemplary projects in the realms of arts, sports, and literature.

"61 PERCENT GROWTH PERFORMANCE ON EURO BASIS"

Doğancıoğlu mentioned that TEMSA has been reinforcing its presence in the global market continuously and added: "In 2023, we achieved a growth performance of 30 percent in North America, which is our leading priority market, and increased our market share in this region up to almost 20 percent. On Euro basis, we achieved growth figures of 171 percent in the EMEA region and 77 percent in Western Europe. Globally, we have a growth performance of 61 percent on Euro

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basis. The primary factor behind all our achievements is our customer-oriented and holistic approach. From our production processes to marketing, sales to after-sales services, we see adding value to our customers as a fundamental principle."

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