

IVECO, FPT Industrial and Nikola Corporation unveil the Nikola TRE

IVECO and Nikola unveiled the maquette of their first battery electric vehicle (BEV) for European markets, the Nikola TRE – just three months after the announcement of the partnership.

The battery electric Nikola TRE, which is based on the IVECO S-WAY and integrates Nikola's class-leading technology, will be launched at the IAA 2020 commercial vehicle exhibition in Hannover, Germany, with the first units reaching customers in 2021.

The Nikola TRE is the first step on the path towards the Nikola fuel cell electric model (FCEV), which will be available to customers by 2023.

Turin, 3rd December 2019

IVECO, FPT Industrial and Nikola unveiled the *maquette* of the Nikola TRE, the first vehicle resulting from the joint venture between CNH Industrial and Nikola, which involves the commercial vehicle brand and the powertrain specialist.

The vehicle is based on the IVECO S-WAY heavy-duty truck launched last July in Madrid, which has been extremely well received by customers and industry experts alike. The Nikola TRE integrates Nikola's advanced electric technology and new-generation proprietary infotainment system.

The integration of the Nikola design on the IVECO S-WAY has been jointly carried out by Nikola and Italdesign - in its Head Quarters in Moncalieri (Turin). The design integration is a natural consequence of a partnership dating back to 2018 between the two companies, that already output the making of the first *maquette* of NIKOLA TRE, unveiled in Scottsdale, Arizona, United States, during the NIKOLA World Event in April 2019.

Gerrit Marx, President Commercial and Specialty Vehicles, stated: *“The IVECO S-WAY is a stand-out product, which embodies IVECO's concept of customer-centricity and has already gained momentum in the markets with well-deserved success. It is the bones of the Nikola TRE and marks the beginning of a new journey towards zero-emissions trucking, providing the platform for us to introduce disruptive features that will change the transport industry.”*

The battery electric Nikola TRE: zero-emission regional transport

The vehicle displayed at the event is a *maquette* of the **Nikola TRE 4x2 tractor for regional missions, with a range of up to 400 km and dynamic performance** equal or better than a diesel equivalent model.

The vehicle will feature a modular battery system with a **total capacity of up to 720 kWh**, which can be tailored to match different customers' missions. The electric driveline will deliver 480 kW Continuous Power Output with 1,800 Nm Peak Torque.

The Nikola TRE will also be available in 2- and 3-axle rigid versions, with GVW ranging from 18 to 26 tonnes for urban distribution and municipality missions.

New-generation proprietary infotainment and navigation system

The Nikola TRE will feature a new infotainment system based on Nikola's proprietary operating system that integrates infotainment and navigation functions, as well as controls for the bulk of the vehicle's functionalities. The system's features include climate control, mirror adjustment, suspension height adjustment, 360-degree camera system, navigation, Bluetooth audio system, comprehensive vehicle settings and admin vehicle diagnostics.

The vehicle leverages Bluetooth low energy technology to create a secure link between the vehicle and the customer's mobile device, creating a truly hands-free media experience. This also enables a smart keyless entry system to unlock as the driver approaches the vehicle. The system can even adjust settings such as ride height and climate temperature to driver preference.

The bridge to fuel-cell electric heavy-duty trucking

IVECO, FPT Industrial and Nikola have adopted a modular approach in developing their electric offering for the European market, which is unique in the industry. Nikola's fuel cell will be the starting point for the design of the electric battery, so that the Nikola TRE Battery Electric Vehicle (BEV) can be converted to fuel-cell technology. With this approach, the partners are taking the long view, bringing both technologies on stream now to pursue BEV and Fuel Cell Electric Vehicle (FCEV) in their offering in the next few years.

This approach enables the partners to launch the Nikola TRE at the IAA 2020 exhibition and Nikola World 2020, delivering the first units to customers in 2021, while the FCEV will be available to customers by 2023.

IVECO

IVECO is a brand of CNH Industrial N.V., a World leader in Capital Goods listed on the New York Stock Exchange (NYSE: CNHI) and on the Mercato Telematico Azionario of the Borsa Italiana (MI: CNHI). IVECO designs, manufactures and markets a wide range of light, medium and heavy commercial vehicles, off-road trucks, and vehicles for applications such as off-road missions.

The brand's wide range of products include the Daily, a vehicle that covers the 3.3 – 7.2 ton vehicle weight segment, the Eurocargo from 6 – 19 tons, the Trakker (dedicated to off-road missions) and the Stralis, both over 16 tons. In addition, the IVECO Astra brand builds off-road trucks, rigid and articulated dumpers as well as special vehicles.

IVECO employs close to 21,000 individuals globally. It manages production sites in 7 countries throughout Europe, Asia, Africa, Oceania and Latin America where it produces vehicles featuring the latest advanced technologies. 4,200 sales and service outlets in over 160 countries guarantee technical support wherever an IVECO vehicle is at work.

For further information about IVECO: www.iveco.com

For further information about CNH Industrial: www.cnhindustrial.com

IVECO Press Office – EMEA Region

pressoffice@iveco.com

www.ivecopress.com

Tel. +39 011 00 72965

Facebook: <https://www.facebook.com/IVECO/>

YouTube: <https://www.youtube.com/user/ivecoitaly>

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NIKOLA CORPORATION

Nikola Corporation designs and manufactures hydrogen-electric vehicles, electric vehicle drivetrains, vehicle components, energy storage systems, and hydrogen stations. Nikola is led by its visionary CEO Trevor Milton, who has assembled a team of industry leading experts to bring the Nikola products to market. The company is privately held and headquartered in Arizona.

For further information about Nikola: www.nikolamotor.com

For further information, please contact:

Colleen Robar, crobar@robarpr.com + 1.313. 207.5960

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For further information about Italdesign: www.italdesign.it

For further information, please contact:

Franco Bay, franco.bay@italdesign.it +39 011 6891611

Christian Bolognesi, christian.bolognesi@italdesign.it +39 011 6891611