

ENGINIUS PRESS RELEASE

ENGINIUS delivers hydrogen truck with EU type approval in series production

ENGINIUS is the first vehicle manufacturer to receive EU type approval for electric trucks with hydrogen fuel cells.

Frankfurt, 28.06.2022. ENGINIUS, a member of the FAUN Group, will be exhibiting for the first time at the IAA transportation from 20 - 25 September 2022 in Hanover.

ENGINIUS is a manufacturer of battery and hydrogen commercial trucks. The company was spun off from the FAUN Group in November 2021 and entered the market in May 2022 under the name ENGINIUS. "Freight transport contributes around ten percent of global CO₂ emissions. Our vision is carbon-neutral freight transport, and with ENGINIUS we want to become the European market leader for hydrogen-powered trucks on short- and medium-haul routes by 2030," says Patrick Hermanspann, CEO of the FAUN Group.

FAUN, specialised in the production of municipal vehicles, can look back on 16 years of experience in the development of alternative drives. A refuse collection vehicle stops up to 800 times a day, producing fine dust and wasting valuable braking energy. Especially in densely populated areas, this is a problem for the citizens. That is why ENGINIUS uses this energy to optimally drive the vehicles. BLUEPOWER refuse collection vehicles have been in use since 2019. In numerous cities such as Berlin, Duisburg, Bochum and Brussels, hydrogen-powered waste collection vehicles are already on the road, which not only remove waste and residual materials, but at the same time help to keep the air in the cities clean and noise pollution low. Patrick Hermanspann: "Our trucks are on the road where children play and families live. We want to help create a better and cleaner world. For this reason, it is important for us to minimise the emissions of our vehicles and implement climate-neutral truck transport."

The BLUEPOWER product range uses the Econic chassis from Daimler Trucks and produces state-of-the-art technology in the Bremen production halls: Hydrogen is converted into electricity from the high-pressure tanks by means of fuel cells, thus powering an electric motor and charging onboard buffer batteries. Depending on the equipment, the vehicles have a range of up to 250 kilometres (WLTP) with a payload of 17 tonnes. Filling the 16-kilogram hydrogen tanks at 700 bar takes less than 15 minutes. Another milestone is the EU type approval that ENGINIUS was the first vehicle manufacturer to receive for its electric trucks with hydrogen fuel cells.

For the first time at the IAA, ENGINIUS presents CITYPOWER in September - a truck for goods and freight transport. Based on the Atego chassis from Daimler Trucks, the two-axle truck offers a lot of potential for quiet and emission-free traffic. With a payload of nine tonnes, a range of 500 km (WLTP) and a refuelling time of 30 minutes, the CITYPOWER is an emission-free and low-noise replacement for diesel vehicles. The first CITYPOWERs are scheduled to enter the market in 2023. "We see immense potential for the CITYPOWER in particular due to its versatility and flexibility," says FAUN CEO Patrick Hermanspann. This also means that production capacities at the Bremen site will be successively expanded. "Transport and logistics play a central role in all economic sectors. Climate-neutral load transport based on renewable energies is therefore an important step on the way to the Circular Economy." There are already over 150 hydrogen filling stations in the EU, 95 of which are in Germany alone, and the trend is rising.

Patrick Hermanspann: "We want to deliver 12,000 vehicles by 2023 and thus offer solutions in the early phase of the market ramp-up. Our focus is on hydrogen. Hydrogen is an energy carrier that we can circulate without harm. It can be easily transported, stored and distributed in various forms. That is why, together with the battery, it is the ideal fuel for the future of commercial transport. The course has been set and with ENGINIUS we are making a contribution."



ABOUT ENGINIUS

ENGINIUS is a subsidiary of the FAUN Group, which produces trucks with alternative drive systems and has set itself the goal of carbon-neutral freight transport. A team of 80 specialists currently works at the Bremen plant. The FAUN Group employs more than 2,000 people worldwide. The body manufacturer is one of the leading suppliers of refuse collection vehicles and sweepers in Europe and now operates twelve plants in seven countries. The group's headquarters are in Osterholz-Scharmbeck, Lower Saxony. FAUN is part of KIRCHHOFF Ecotec, the environmental division of the globally active KIRCHHOFF Group. In 2021, the KIRCHHOFF group of companies generated sales of 2.2 billion euros with 12,200 employees in the four business divisions Automotive, Tools, Vehicle Conversion and Municipal Technology. The group includes 56 plants in 22 countries on five continents. www.enginius.de

Contact

ENGINIUS GmbH

Claudia Schaeue / Head of Marketing & Corporate Communications

Tel.: +49 4795 955-238

claudiaschaeue@FAUN.com

