

## PRESS RELEASE

### The Future of Mobility: DEUTZ showcases hydrogen and battery technology at InnoTrans

- DEUTZ presents sustainable drive technologies at InnoTrans in Berlin
- TCG 7.8 H2 hydrogen engine certified by the German Motor Transport Authority and used in rail vehicles

Cologne/Berlin, September 24, 2024 – DEUTZ presents its latest developments in the field of sustainable drive technologies at the InnoTrans in Berlin. The trade fair, which takes place in Berlin from September 24 to 27, offers the ideal platform for presenting pioneering solutions under the motto “The Future of Mobility”.

The highlight of the DEUTZ stand is the TCG 7.8 H2 hydrogen combustion engine. This engine has been specially developed to meet the high demands of the off-highway sector and was certified by the German Federal Motor Transport Authority last week. It is already being used in hydrogen generators, among other things, which DEUTZ is supplying to China. The six-cylinder engine is based on proven technology, operates very quietly at an output of 200 kW and is therefore also used in other applications.

This is demonstrated by the recently introduced regional train from Stadler Rail, which is also being presented at InnoTrans and is powered by the DEUTZ hydrogen engine. As one of the largest manufacturers of rail vehicles, Stadler is creating a climate-friendly alternative for non-electrified rail lines – which, in Germany, still account for 38 % of all lines and, in Europe, 43 %.

"We should not write off combustion technology, but rather continue to develop it in a climate-friendly way. The use of our hydrogen engine in rail vehicles shows once more that pure electrification is not the only solution, especially in the off-highway sector," explains Dr. Ing. Markus Müller, Chief Sales and Technology Officer at DEUTZ AG. "Wherever a battery-electric drive isn't suitable, we offer a feasible alternative with our hydrogen solutions. And together with our battery solutions, we are making a significant contribution to climate-friendly mobility."

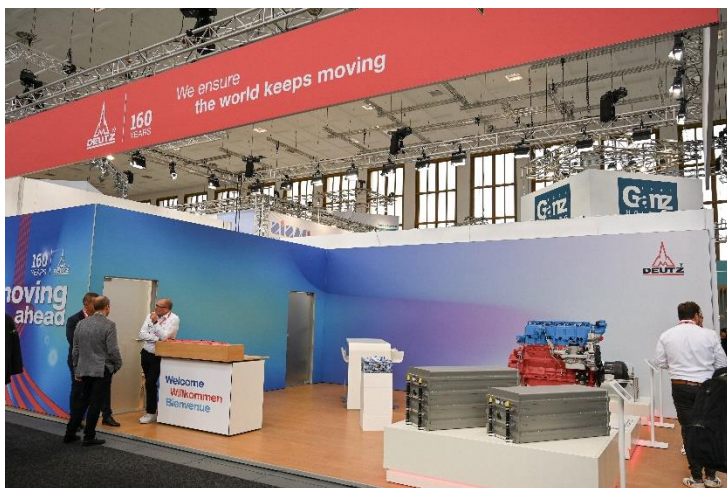
The engine company.



In addition to the hydrogen engine, DEUTZ also presents an innovative solution for hydrogen fuelling systems, offering a flexible solution for customers with capacities from 4 to 80 kg and advanced Type 4 composite technology.

The showcase is completed by DEUTZ's high performance batteries. The modular battery systems are scalable and cover a wide range of voltages and capacities. The E360 batteries with 41 kWh and 59 kWh will be on display at InnoTrans. These batteries enable powerful electrification of a wide range of applications in the transportation sector.

Visit DEUTZ at InnoTrans in hall 18 at booth 550.



Caption: DEUTZ presents its latest developments in the field of sustainable drive technologies at the InnoTrans in Berlin.

Credit: DEUTZ AG

The engine company.



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### **About DEUTZ AG**

*DEUTZ AG, a publicly traded company headquartered in Cologne, Germany, is one of the world's leading manufacturers of innovative drive systems. Its core competencies are the development, production, distribution, and servicing of drive solutions in the power range up to 620 kW for off-highway applications. The current portfolio extends from diesel, gas, and hydrogen engines to all-electric drives. DEUTZ drives are used in a wide range of applications including construction equipment, agricultural machinery, material handling equipment such as forklift trucks and lifting platforms, stationary equipment such as generator sets (gensets) as well as commercial and rail vehicles. With over 5,000 employees worldwide and around 1,000 sales and service partners in more than 120 countries, DEUTZ generated revenue of around €2.1 billion in the 2023 financial year. Further information is available at [www.deutz.com](http://www.deutz.com).*