**Press Release**

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Schmitz Cargobull AG

**Schmitz Cargobull receives German Award for Sustainability Projects 2023**

**First place for the all-electric S.KOe COOL semi-trailer in the ‘Technology – Energy’ category**

June 2023 - The German Institute for Service Quality, DUP Unternehmer-Magazin and news channel ntv have given Schmitz Cargobull's all-electric S.KOe COOL semi-trailer refrigerated box the top award in the ‘Technology – Energy’ category at this year’s German Award for Sustainability Projects.

Marnix Lannoije, Director of Research and Development at Schmitz Cargobull, accepted the prize at the official award ceremony in Berlin on 6 June.

"Schmitz Cargobull has been investing in research and development for sustainable and energy-efficient transport solutions for many years. We are delighted that the all-electric S.KOe COOL refrigerated box has won this award, recognising it as a transport solution that can make a significant contribution to reducing the CO2 footprint," said Lannoije.

"The award is for the entire team and underlines our commitment to sustainable cutting-edge technology. At the same time, it is also a mandate for us to continue offering customers practical transport solutions that pay off."

The all-electric S.KOe COOL semi-trailer is equipped with a purely electric refrigeration unit with integrated power electronics and a high-voltage battery system, as well as an axle generator, allowing it to operate emission-free.

The electric vehicle is also extremely quiet, enabling deliveries in urban areas in the early morning hours as well as in the late evening. The batteries on the landing gear replace the diesel tank and also offer the option of installing an additional pallet box with space for 36 pallets. The payload of the all-electric refrigerated box with high-voltage battery and e-axle is roughly the same as that of a refrigerated trailer with a

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diesel unit. The additional weight of the battery on the all-electric refrigerated trailer is almost completely compensated for by the elimination of the generator.

The electric Schmitz Cargobull trailer axle recuperates energy during braking, extending the operating time of the refrigeration unit or reducing the recharging times of the battery via the power grid. In practical use in delivery traffic, fuel savings of five per cent were achieved in combination with a diesel-powered tractor.

The generator output of the electric axle is precisely matched to the requirements of the refrigeration machine. The system is fully integrated into the Schmitz Cargobull telematics, so that the battery charge status, remaining range and remaining charging time can be monitored via the telematics portal.

At the German Award for Sustainability Projects, initiatives from all economic sectors were honoured under the patronage of Brigitte Zypries, former Federal Minister of Justice and Economics. A total of 283 companies or projects were nominated, 69 of which won awards. The jury judged the sustainability projects on economic and environmental goals, such as raw material efficiency, recycling and nature conservation, and social objectives including education, health and equal opportunities.

**About Schmitz Cargobull**

With an annual production of around 61,000 trailers and with approximately 6,900 employees, Schmitz Cargobull AG is Europe’s leading manufacturer of semi-trailers, trailers and truck bodies for temperature-controlled freight, general cargo and bulk goods. The company achieved sales of around €2.3 billion in the 2021/22 financial year. As a pioneer in the industry, the North German company developed a comprehensive brand strategy early on and consistently established quality standards spanning every level: from research and development, through production and service contracts, to trailer telematics, financing, spare parts, and used vehicles.

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