

# RACE AUTO INDIA E-MAGAZINE

MAY 2024



Race Auto India is an established B2B publication focused on providing in-depth analysis of the automotive industry and its associated sectors. With over a decade of experience, we specialize in Commercial Vehicles, Mining, Construction, and Logistics. Our dedicated team offers insightful perspectives, delivering the latest news, views, analytics, and trends within these industries.

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# Foreword

Dear Reader,

In the 2024 election, the automotive sector faces pivotal changes based on potential shifts in policies regarding environmental regulations, infrastructure investments, trade agreements, and emerging technologies like electric, bifuel, biofuel, hybrid, Alternate fuelled vehicles, and autonomous vehicles.

Despite reduced subsidies following the end of the FAME II scheme on March 31st, 2024, uncertainties persist regarding the short-term introduction of the Electric Mobility Promotion Scheme (EMPS) or the initiation of Phase III of the FAME scheme. Nevertheless, electric vehicle sales remain steady overall, with the exception of commercial vehicles.

Post-2024, trucks and 4-wheelers are expected to electrify due to environmental concerns and EV advancements. Yet, the potential adoption of hydrogen-powered vehicles could revolutionize the landscape.

Amidst this backdrop, there's a notable uptick in new players entering the market, making significant capital investments in constructing OPEX (pay on consumption) contracts for deploying technologies and services. Moreover, these developments are prompting operators to seek high-performing, efficient vehicles, leading to a change in buying patterns, shifting sales trends in vehicle tonnages.

Editor  
RACE AUTO INDIA

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# Super-Sized Cargo Movement?

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# DICV announces foray into EVs with the eCanter



**Chennai - Daimler India Commercial Vehicles (DICV)**, a subsidiary of Daimler Truck AG, has announced its entry into the Indian battery electric market with the Next-Gen eCanter, aiming to decarbonize its product portfolio. The launch is expected in 6-12 months. Daimler Truck commits to Paris Climate Agreement, aims for CO2-neutral transport globally. Targets CO2-neutral trucks and buses in Europe, Japan, and USA by 2039, and worldwide by 2050. DICV aligns with global decarbonization vision, working towards CO2-neutral product lineup in India.

**Mr. Satyakam Arya, Managing Director & CEO, Daimler India Commercial Vehicles** said, "All our efforts are being put into achieving robust readiness for our future products that will feature CO2-neutral propulsion technologies in the long term. The launch of the all-electric eCanter in India, within the next 6 to 12 months, is the first step in our long-term strategy to decarbonize our entire product portfolio. However, the reality is that diesel ICE and CO2-neutral propulsion technologies will continue to co-exist in the Indian market for the foreseeable future.

A long-term plan like ours hinges on many complex external factors, some of which are, the availability of a charging and refuelling infrastructure, the availability of green energy, cost parity and wide-scale customer acceptance. Therefore, our initial focus with the eCanter is to achieve product and service excellence, along with customer acceptance. Over the next two decades we will have a firm footing with decarbonized transportation solutions and will be making progress towards becoming a leader in sustainable transportation in India." DICV monitors Indian market trends closely, aligning CO2-neutral propulsion roadmap with Daimler Truck's global strategy. Developing hydrogen fuel cell technology with Indian partner. Future plans include introducing trucks for various utility segments catering to diverse freight and terrain needs.

"LNG, if used at all, will be an interim, tactical solution for long haul transportation. We will primarily commit to battery-electric and hydrogen-based propulsion technologies across our future product portfolio, in a phased manner. One thing is for sure that we will be ready with the right vehicles when the market is," said Mr. Arya. All-electric eCanter undergoing advanced trials for India , based on platform from

Japan's series production since 2017.

Next-Gen eCanter premiered in Japan and Europe in 2022. Hundreds sold globally since 2017. Next-gen eCanter to offer 100 variants globally. India's CO2-neutral propulsion market in early stages, with significant long-term potential. India's R&D hub to grow with introduction of new technologies but requires supportive policies and market environment to compete globally. Commenting on how a conducive policy framework is crucial to ensuring economic viability for customers, Mr. Arya added, "Successful adoption of CO2-neutral vehicles is possible if there is wide consumer acceptance about changes in the equations of total cost of ownership. This underscores the influence of important factors in achieving success in sustainable mobility solutions. By foraying into the CO2-neutral propulsion technologies, DICV aims at contributing to India's future as it progresses towards becoming one of world's top five commercial vehicle markets."



# NUE GO expands Intercity Electric Bus Routes



**Hyderabad- GreenCell Mobility**, a company specializing in sustainable mass mobility solutions, has expanded its operations for its electric intercity bus brand, NueGo. NueGo now serves over 100 cities and multiple routes across India, consolidating its position in the intercity travel segment.

Mr. Devendra Chawla, MD & CEO of GreenCell Mobility, said that, We are pleased to announce the nationwide rollout of NueGo's services. This action fits with our goal of enhancing intercity travel through the use of convenient, technologically advanced, and environmentally sustainable mobility alternatives. Our goal is to improve the traveler experience and contribute to a greener future by introducing new routes and services.

The company has upgraded the in-bus amenities and started offering food boxes for a more comfortable ride. This Christmas season, NueGo is also offering a discount on return ticket reservations.

NueGo is known for its safety protocols, which include speed limit checks, driver breath tests, and CCTV surveillance. Coaches are a reliable mode of transportation, particularly for female passengers, as they pass through 25 safety inspections.

Bookings for these routes can be made via the NueGo smartphone app, which is available on iOS and Playstore, or the company's official website.

NueGo, a company renowned for its guest-centric philosophy, offers dependable travel services for both business and pleasure. NueGo provides flexibility and convenience with several boarding sites and buses running around the clock. On these routes, passengers can enjoy a tranquil trip in NueGo's noiseless AC electric buses, as well as assistance finding their seats, clean tissues, and water bottles.

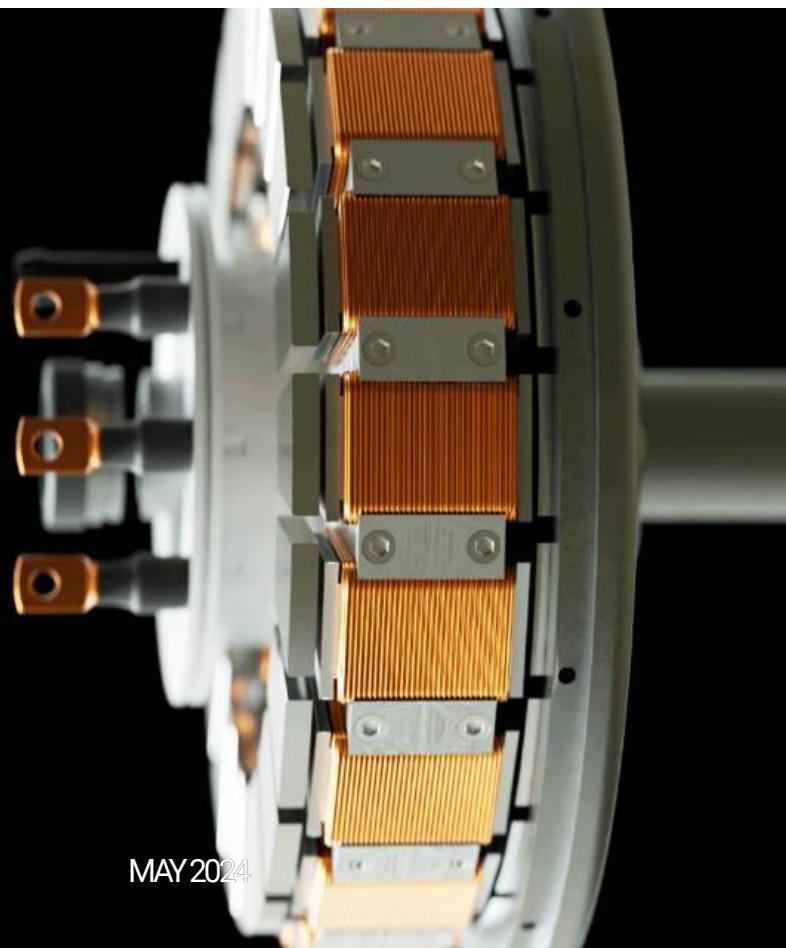
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launch,  
advancing our  
vision for  
convenient,  
eco-friendly  
intercity  
travel. With  
new routes and  
services, we  
aim to enhance  
the traveler  
experience and  
promote  
sustainability**

- Mr. Devendra Chawla,  
MD & CEO of GreenCell Mobility

# Tresa Motors unveils v0.2 E-Truck

**Bangalore- Tresa Motors Pvt Ltd.**, a manufacturer of medium and heavy electric trucks, unveiled the V0.2 model Electric truck, aiming to improve engineering, reliability, and efficiency. With V0.2, Tresa comes equipped with a Centralized Computing Unit, Advanced Telemetry System, 800V (peak) modular battery packs with in-house BMS, new central steering system, in-house designed DRLs, and its first version of Heat Pump. Tresa's V0.2 provides an eco-friendly logistics solution for Indian road conditions that is suitable for e-commerce transport. It is strong, resilient, and cost savings over standard diesel trucks, demonstrating long-term economic benefit.

Mr. Rohan Shravan, Founding CEO, Tresa Motors said, "We are excited to announce the launch of Model V0.2. Built on our 'Delta-Engineering' philosophy, V0.2 is a major internal release where we get to test and monitor all of our components on the road. Our dream is to become the most efficient EV in the world, and the capability to understand power consumption at the sub-system level is the key to achieving our goal. This is also where we feel that we can optimize our heat pump and make it our key IP along with our motor and battery." The latest V0.2 truck features a new central steering setup and a comfortable air-suspended seat with customizable body options. This powerhouse boasts a maximum torque of 24000Nm, reaching a speed of 120kmph. Equipped with a 300KWH battery, the V0.2 offers a quick 20-minute charge time (10-80 per cent SOC), ensuring efficiency on the go.



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Industry analysts commend Team Tresa Motors Pvt Ltd for their unwavering commitment to efficiency, exemplified by their pioneering heat pump technology. By strategically integrating this innovation with their motor and battery advancements, they are positioned as frontrunners in the race to redefine the global EV landscape, promising superior performance and extended range for consumers.

- M/s RACE Innovations Pvt Ltd.

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# Centre to Develop Recycling Plant for Lithium-ion Batteries and E-Waste in Uttarakhand: IANS

**Delhi-** The Technology Development Board (TDB), under the Department of Science and Technology (DST), on Tuesday said it has partnered with startup Remine India to develop a commercial plant for recycling lithium-ion (Li-ion) batteries and e-waste using indigenous technology in Uttarakhand, IANS reported.

Through the agreement signed recently, the Technology Development Board has pledged financial assistance of Rs 7.5 crore out of the total project cost of Rs15 crore, said the Ministry of Science & Technology, in a statement.

Mr. Rajesh Kumar Pathak, TDB Secretary, said that, India ranks third globally in e-waste generation, requiring urgent action. TDB's support in connecting informal recyclers with formal ones at a new plant in Sitarganj aims at fostering a circular economy. Indigenous Li-ion battery recycling tech from CMET, Hyderabad, is crucial for sourcing secondary raw materials for cell manufacturing.

The surge in e-waste, particularly from spent LIBs, underscores the need for recycling initiatives due to environmental and safety risks. Despite the market's growth projection to \$14.89 billion by 2030, only 5% of Li-ion batteries are currently recycled, with 95% ending up in landfills. The dominance of the informal sector in e-waste management poses significant environmental and economic challenges. Effective and eco-friendly recycling methods are essential to address battery waste, mitigate supply risks, and reduce carbon footprints.

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**India ranks third globally in e-waste generation, requiring urgent action. TDB's support in connecting informal recyclers with formal ones at a new plant in Sitarganj aims at fostering a circular economy. Indigenous Li-ion battery recycling tech from CMET, Hyderabad, is crucial for sourcing secondary raw materials for cell manufacturing.**

- Mr. Rajesh Kumar Pathak,  
TDB Secretary

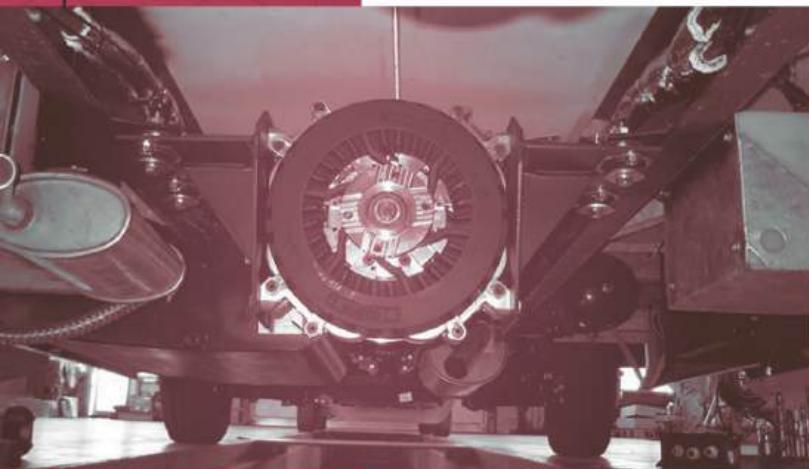


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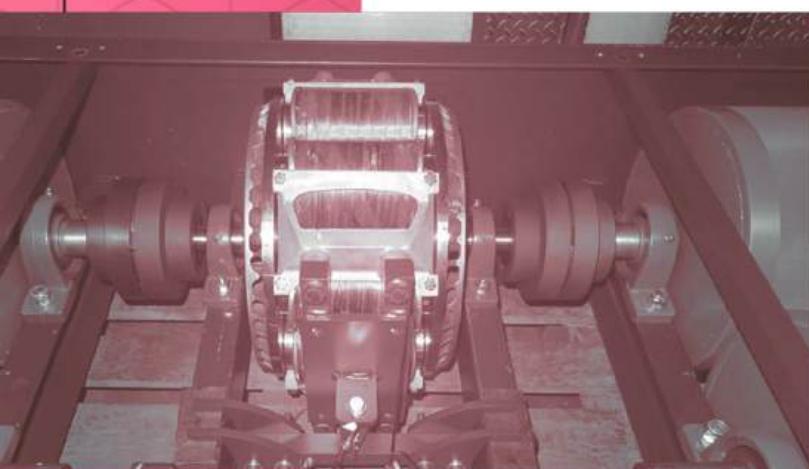


# INDUSTRIAL VEHICLES



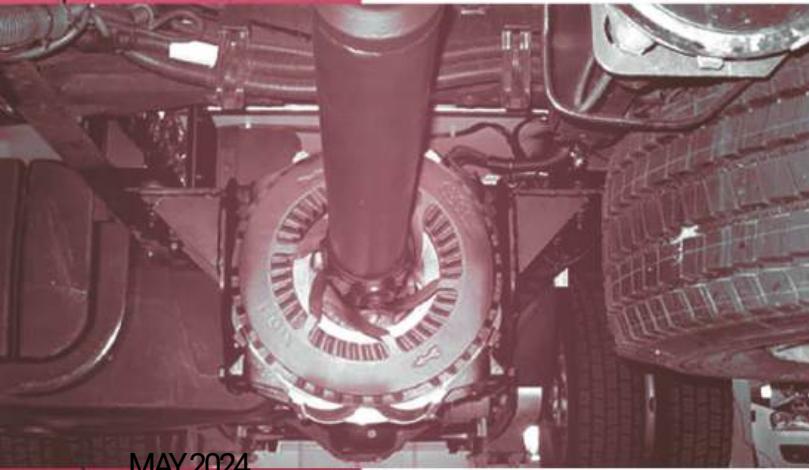
- Motorhomes
- Microbuses
- Emergency vehicles
- Truck cranes
- Electric trucks
- Electric buses

## DYNAMOMETERS



- Customized voltrates and shafts for dynamometers with all couplings.

## OTHERS APPLICATIONS



- Application fields:  
Mobile cranes  
Railway  
Wind power



# Servotech and Electra EV collaborate on EV charging innovation

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**The collaboration has the potential to accelerate the development of a next-gen EV charging ecosystem, benefiting both businesses and consumers.**

- Mr.Arun Handa,,  
Servotech Power Systems'  
Chief Technical Officer (CTO)

**New Delhi- Servotech Power Systems**, a provider of EV charging and solar solutions, and Electra EV, specializing in electric vehicle powertrain solutions, have revealed a partnership to co-develop an EV charger technology. The collaborative effort has led to the recent filing of patents for this innovative solution.

Servotech Power Systems experienced a 5% surge, hitting an upper circuit at Rs 85.50, following its collaboration with Electra EV on pioneering EV charging technologies. Together, they unveiled a revolutionary EV charger technology, recently patented, designed to facilitate rapid DC charging for GB/T Bharat DC 001 vehicles, operating on sub-200V DC platforms, via the CCS2 charging network. This breakthrough innovation addresses the needs of Electra EV's OEM and fleet customers, ensuring seamless charging compatibility while eliminating the necessity for costly dual infrastructure deployment. This advancement benefits both passenger and commercial vehicles adhering to the GB/T Bharat DC 001 protocol.



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**The technology aligns with their mission to spearhead India's electric vehicle transition, anticipating its substantial impact on India's EV growth trajectory.**

- Mr.Samir Yajnik,,  
Electra EV's CEO



Mr. Vikash Mishra, Founder and CEO



Mr. Mahesh Babu, CEO

# Switch Mobility Ink Pact MoU with MoEVing

“

**The global landscape of urban mobility is undergoing a historic shift towards electric vehicles, and Switch Mobility is proud to be at the forefront of this transformation. Our SWITCH ieV4 which is India's first e-LCV in 3.5-tonne category is built on a cutting-edge 310Vhigh-volage architecture for enhanced performance. Our vehicle offers superior payload, extended range, and maximised volumetric space, all resulting in a significantly better TCO, making the SWITCH ieV4 the smarter choice for a greener future.**

- Mr. Mahesh Babu,  
CEO

## Bangalore- Switch Mobility Automotive Ltd

, an electric bus and light commercial vehicle manufacturer, a Hinduja Group., has signed a Memorandum of Understanding (MoU) with MoEVing Urban Technologies Private Limited., an electric mobility platform, to deliver 2,500 units of its ieV4 electric light commercial vehicles (LCVs) for last mile connectivity.Five units of SWITCH ieV4 vehicles as the part of initial order for 100 vehicles were delivered on 17 April 2024. The Switch ieV 4 is an electric light commercial vehicle with a 32.2 kWh battery, 120km range, and 60 kW motor. It offers a spacious cargo area, 1700kg payload capacity, and features the Switch iON system for optimized fleet operations, route planning, and real-time data.

Mr. Vikash Mishra, Founder and CEO, MoEVing said, "For the past 2 years, our partnership with Switch Mobility has been marked by their commendable proactive and collaborative approach to vehicle development. The arrival of the first batch of Switch IEV4 vehicles in Delhi for MoEVing fills us with immense pride. We will be introducing this innovative vehicle across all our customer networks, enhancing our commitment to transforming logistics with cutting-edge solutions."





**'One Vehicle, One  
FASTag' rule enforced.**

**Delhi-** For seamless vehicular movement at the Toll Plazas across the country, the state-owned ‘One Vehicle, One FASTag’ norm has come into force April 1st,” said a senior official of the National Highways Authority of India (NHAI).

The goal of the new standard is to deter the connecting of several FASTags to a single vehicle or the use of a single FASTag for multiple vehicles. Due to issues that Paytm FASTag users were experiencing, the NHAI had earlier extended the deadline for compliance with the “One Vehicle, One FASTag” initiative to the end of March. Multiple FASTags won’t function, On (April 1), owners of several FASTags for the same vehicle would not be allowed to utilize them all, the official told PTI.

#### **Understanding the key facets of ‘One Vehicle, One FASTag’ and its implications**

The NHAI’s initiative is being launched against the backdrop of various reports of FASTags being given for a single vehicle in multiple instances and FASTags being utilized without KYC, which is against RBI rule. Moreover, drivers may purposefully fail to affix FASTags on their windshields, which delays traffic at toll booths and inconveniences other road users. Additionally, Paytm Payments Bank Ltd. (PPBL) clients and merchants were instructed by the Reserve Bank of India (RBI) last month to move their accounts to other banks by March 15.

The National Highways Authority of India (NHAI) is in charge of running the electronic toll collection system in India called FASTag. It includes Radio Frequency Identification (RFID) technology that allows toll payments to be made directly to the toll owner or from the associated prepaid or savings account.

#### **Rise in electronic toll collection**

FASTag, which is revolutionizing India’s electronic toll collecting system, has over 8 crore users nationwide and a penetration rate of almost 98 percent. The use of FASTag for Electronic Toll Collection (ETC) has grown steadily over the past few years, which is noteworthy. It includes toll collection via FASTag on fee plazas, such as the Rs. 50,855 crore collected in calendar year 2022 from State Highway charge plazas, an approximate 46% increase from Rs. 34,778 crore in 2021. In the meantime, compared to 2021, there were roughly 48% more FASTag transactions in 2022. In 2021 and 2022, there were 219 crores and 324 crores of FASTag transactions, respectively.



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- a. Policy push propels progress
- b. Production scaling for future needs
- c. Fuel pricing trends towards 2030
- d. Infrastructure growth, poised for expansion
- e. OEMs embracing hydrogen's promise
- f. Deciding: Fuel cell or H2ICE for tomorrow's drive"

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# Tata Motors Launches Bi-Fuel Tata Magic Van



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**We are elated to achieve the milestone of 4 lakh happy customers for the versatile Magic brand. Celebrating 4 lakh journeys of trust, efficiency and comfort, the Magic continues to be the heartbeat of India's bustling mass mobility.**

**To commemorate this milestone, we are happy to introduce the first-in-its-segment Mag Bi-Fuel that couples the benefits of CNG with an extended range of petrol. The new variant is engineered to address the evolving transportation needs and further improve the profitability and convenience for our customers. We are thankful for the support and loyalty of our customers, and we remain dedicated to continuing providing superior mobility solutions.**

**Mr. Anand S,  
Vice President & Head**

Mumbai- Tata Motors Limited., has launched the Magic Bi-Fuel variant at their milestone celebration of 4 Lakh on road Magic Van.

The Bi-Fuel variant offers a 694cc engine with CNG and petrol options, providing a range of 380 km on a single fill. With a performance of low maintenance costs, Tata Magic offers a 2-years or 2,000 km warranty.

With Fleet Edge and Sampoorna Seva 2.0, owners get real-time tracking, comprehensive lifecycle management, and roadside assistance. Supported by 2500+ service touchpoints and Tata Genuine Parts, Tata Motors delivers quality and service commitment.



## **Union Elections 2024- IMPACT !!**



- a. Truck and bus sales due to potential changes in policies.
- b. Construction equipment sales as policies evolve.
- c. Tractor, agricultural implements sales, especially in agriculture, with potential shifts in agreements.
- d. Policy direction for battery electric, hydrogen, and alternative fuels, influenced by union leadership and political climate.

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Mr. Vivek Jindal, Director

**Uno Minda has shared  
news of key  
appointments and a  
strategic investment.**

**New Delhi- Uno Minda**, has announced key appointments and strategic decisions in its recent regulatory filing. Vivek Jindal has been appointed as Whole-time Director for a three-year term spanning from April 1, 2024, to March 31, 2027. Additionally, **A G Giridharan assumes the role of CEO for the Safety and Comfort System Domain (SCS)**.

These appointments, recommended by the Nomination and Remuneration Committee and subsequently approved by the Board of Directors, are contingent upon the approval of the company's members.

Vivek Jindal brings with him 19 years of seasoned experience in the automotive sector. He holds an engineering degree from IIT Delhi, an MBA from the Katz Graduate School of Business (University of Pittsburgh - USA), and has completed the Executive MBA program (PLD) from Harvard Business School.

Before this role, Jindal held positions at Infosys Technologies and India Bulls. A G Giridharan, a distinguished alumnus of IIT Kharagpur and IIM Calcutta, boasts a remarkable 35-year career encompassing diverse domains such as Consumer & Industrial markets, Business Strategy, Performance Improvement, and Automotive Product Division Planning.

In addition to these appointments, the Board of Directors has approved an investment of approximately INR 2.27 crores in Strongsun Renewables Pvt. Ltd. This investment, supplementing the company's existing portfolio, will involve subscription of equity shares in the special purpose vehicle (SPV), aimed at sourcing additional solar power under the captive open access policy. This initiative is intended to support Uno Minda's Alloy Wheel 2W division located in Supa, Maharashtra, and may be executed in one or multiple tranches.



## For a comprehensive study on long-term freight demand, focus on these key aspects:

- a. Average load factors (how efficient is freight in the country)
- b. What is the average truck weight
- c. Road infrastructure improvements (allows for more heavier freight)
- d. What share of total freight is by road
- e. Government policy for modal shift



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## Ashok Leyland's FY24: Domestic Sales Up 1%, MoM Drop by 7%

**Chennai- Ashok Leyland Limited.**, of the Hinduja Group, a manufacturer of commercial vehicles, reported a 1% increase in domestic sales to 1,82,830 units in FY24 from 1,80,916 in FY23. The company's monthly sales decreased by 7% to 21,317 units in March 2024 from 22,885 in March 2023.

Ashok Leyland reported a 2% year-over-year increase in the M&HCV (medium and heavy commercial vehicle) category, going from 1,14,299 units in FY23 to 1,16,197 units in FY24. When comparing this figure month over month, there was a 9% decline. Compared to 14,517 units sold the previous month, the company sold 15,936 units on March 23.

When examining the company's overall domestic and export sales numbers, the number of automobiles sold increased by 1%. Compared to 192205 in FY23, it sold 1,94,683 units in FY24. It decreased by 4% month over month to 22,866 units on March 24 from 23,926 units in the same month the previous year.

The M&HCV segment experienced a 1% increase in sales to 1,24,883 units in FY24. However, month over month, its sales decreased by 7%, from 16,773 units in March 23 to 15,562 units in March 2024.

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**Mumbai- Tata Motors Limited.**, said that its sales in the domestic and international market for Q4 FY24 stood at 2,65,090 vehicles compared with 2,51,822 units during Q4 FY23, up 5.27% year on year (YoY).

Total domestic sales for the auto major increased by 2% in March 2024 compared to March 2023, with 90,822 units sold versus 89,351 units sold in the same period last year.

Total domestic sales also increased by 7.06% compared to February 2024, with 90,822 units sold in March versus 84,834 units sold in February.

Total commercial vehicle (CV) sales (domestic + exports) declined by 10% in March 2024 compared to March 2023, with 42,262 units sold versus 46,823 units sold in the same period last year.

Domestic CV sales specifically decreased by 10% in March 2024 compared to March 2023, with 40,712 units sold versus 45,307 units sold in the same period last year.

However, there was a 2% increase in CV exports, with 1,550 units exported in March 2024 compared to 1,516 units in March 2023.

Mr. Girish Wagh, executive director of Tata Motors, said that, In H2 FY24, YoY sales growth slowed due to a high base, state elections, and anticipation of General Elections. Q4 FY24 domestic sales decreased slightly to 1,04,922 units. M&HCV segment contracted by 6%, while Passenger Commercial Vehicles surged by 38%. Small and light commercial vehicles dropped by 10% due to financing constraints. Expectations for Q2 FY25 include boosted commercial vehicle demand driven by GDP growth and government incentives. In March 2024, total PV sales increased by 14% to 50,297 units, with domestic PV sales rising by 14% to 50,110 units. Total EV sales also grew by 4% to 6,738 units compared to March 2023.

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# Tata Motors March '24 Domestic sales Up 2% YoY





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Mr. Shailesh Chandra, managing director of Tata Motors Passenger Vehicles and Tata Passenger Electric Mobility, said that, In FY24, Indian passenger vehicle sales are expected to hit a record high of over 4.2 million units, driven by strong SUV sales and increasing demand for emission-friendly powertrains.

Traditional fuel-powered car sales have plateaued, with growth primarily coming from eco-friendly alternatives. Tata Motors Passenger Vehicles (including EVs) achieved its highest-ever sales, with a 6% increase in wholesales and a 10% increase in retail sales compared to FY23. In Q4 FY24, Tata Motors recorded its highest-ever wholesales of 1,55,651 units, with EV sales growing by 29% compared to Q4 FY23.

Expect strong demand for passenger cars ahead, with potential single-digit growth due to the high base effect. Double-digit growth anticipated for cars with emission-friendly powertrains, driven by rising preference for safety and eco-friendliness, new launches, and enhanced value proposition.

Tata Motors, part of the Tata group, is a global automobile manufacturer of cars, utility vehicles, pick-ups, trucks and buses. The auto major posted a consolidated net profit of Rs 7,025.11 crore in Q3 FY24, significantly up from Rs 2,957.71 crore in Q3 FY23. Revenue from operations increased by 25.07% YoY to Rs 1,09,799.22 crore in the quarter ending December 31, 2023





# Tresa Motors Secures Contract for 1,000 Electric Trucks from JFK Transporters

**Bangalore- Tresa Motors Pvt Ltd.**, a startup specializing in medium and heavy electric trucks, has recently secured a significant pre-order of 1,000 trucks from JFK Transporters, a logistics company. This collaboration marks a significant milestone for Tresa Motors, providing an extensive platform to demonstrate its capabilities on Indian roads. For the company, this pre-order validation signifies a pivotal moment in establishing itself as a frontrunner in the electric vehicle trucking sector. Meanwhile, JFK Transporters stands to benefit from early access to Tresa's state-of-the-art electric trucks, which promise to enhance fleet performance and efficiency.

Adil Kotwal, Managing Director of JFK Transporters, emphasized the company's dedication to sustainability, saying, "At JFK Transporters, we've always prioritized adopting sustainable practices. By integrating Tresa Motors' advanced electric trucks into our fleet, we are taking a significant stride towards our goal of minimizing our carbon footprint while upholding the highest standards of operational efficiency and safety."

Tresa Motors boasts impressive specifications for its trucks, including a maximum torque of 24,000Nm and a top speed of 120kmph. These vehicles are powered by a 300kWh battery, enabling a rapid 15-minute charge time (from 10% to 80% State of Charge). Utilizing the Axial Flux Motor Platform Flux 350 and equipped with the Meg50 800V 50 kWh self-contained battery pack module, Tresa's trucks offer superior performance, enhanced cooling capabilities, increased efficiency, compact size, and flexibility. Encased within IP69 self-contained enclosures with embedded active-liquid cooling, these trucks provide tailored ranges based on payload, ensuring cost-effectiveness for customers.

“

**The journey leading up to this point has been years in the making for Tresa, and yet, we believe it's only the beginning. We are thrilled that industry-leading logistics companies like JFK Transporters are demonstrating their confidence in us. Tresa trucks epitomize innovation, merging cutting-edge technology with sustainability. This partnership underscores our mutual commitment to reducing carbon emissions and spearheading a cleaner, more efficient, and environmentally responsible transportation industry.**

- Mr.Rohan Shravan,  
Founder & CEO



Tata  
Power's EV  
charging  
grid hits  
10 crore  
green km  
milestone

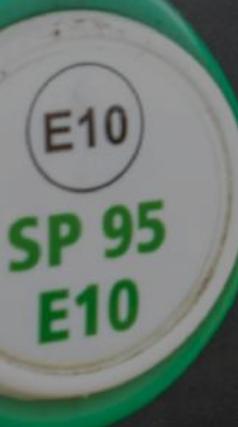
**Mumbai- Tata Power EV Charging Solution Limited (TPEVCSL)**, a provider of electric vehicle charging solutions becomes the first EV Charging solutions provider to power 10 crore green kilometres spanning public, semi-public, bus/fleet and home charge segments across India. India levels 30% electric vehicle deals by 2030, supported for e-mobility through schemes such as FAME and the National Electric Mobility Mission.

Tata Power's EZ Charge network, with over 86,000 home chargers and 5,300+ public points, along with 850+ bus stations across 530 cities. Strategically deployed chargers at various locations aid the growth of electric mobility in India.

Their nationwide presence positions them as leaders in this transition. They offer tech-driven solutions like for wireless payments, enhancing user experience.

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# Tata Motors inaugurated vehicle spare parts warehouse in Guwahati

**Mumbai- Tata Motors Limited.**, a commercial vehicle manufacturer, a new commercial vehicle spare parts warehouse has been inaugurated in Guwahati, across 1 lakh sq.ft and fully digitalized. It stocks spare parts for Tata's entire commercial vehicle portfolio, improving turn-around times and availability in the Northeast.

New facility in Guwahati, equipped with infrastructure and safety measures, enhances customer value with digitalized warehouse processes. Tata Motors has teamed up with Delivery for advanced logistics solutions. Cutting-edge storage systems, including gravity spiral and vertical reciprocating conveyors, cater to diverse needs. A dedicated space for medium and heavy

vehicle body parts ensures smooth operations. Mr. Vikram Agarwal, Head – Spares and Non-Vehicular Business, Tata Motors Commercial Vehicles, said, "The inauguration of the new warehouse in Guwahati is a testament to Tata Motors' customer-centric approach and will further enhance the vehicle ownership experience by ensuring easy availability of spares. The new warehouse will enable smarter inventory management at Tata Authorized Service Stations in the region, thereby enhancing service quality and vehicle uptime. This new facility brings us closer to our customers in the fast-progressing region of the North East, making logistics more efficient."



## Union Elections in 2024- IMPACT !!

- a. Truck and bus sales due to potential changes in policies.
- b. Construction equipment sales as policies evolve.
- c. Tractor, agricultural implements sales, especially in agriculture, with potential shifts in agreements.
- d. Policy direction for battery electric, hydrogen, and alternative fuels, influenced by union leadership and political climate.

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Mr. Anshuman Singhania, Chairman

# ATMA elected New Chairman and Vice Chairman

**New Delhi- Automotive Tyre Manufacturers' Association (ATMA)**, a representative body of Indian Tyre manufacturer has elected Mr. Anshuman Singhania, the Managing Director of JK Tyre & Industries Ltd, as Chairman and Mr. Arnab Banerjee, the Managing Director & CEO of CEAT as the Vice Chairman of ATMA. As the newly appointed ATMA Chairman, Mr. Anshuman Singhania brings with him a wealth of experience and expertise. He is a graduate of Oxford Brookes University, UK, and holds an MBA from the London Business School. Beginning his career as an apprentice on the shop floor, Mr. Singhania has held various leadership positions in Planning, Production, Product Development, Quality Control, Stores & Purchase, Finance, and Sales & Marketing. Known for his technological acumen, he has been instrumental in implementing cutting-edge technologies in the manufacturing processes at JK Tyre.

Mr. Arnab Banerjee, the Vice Chairman of ATMA, joined CEAT in 2005 as Vice President-Sales and Marketing. Over the years, he has assumed multiple roles, eventually becoming the Chief Operating Officer in 2018 before assuming his current position. He is an alumnus of Harvard Business School, IIM Kolkata, and IIT Kharagpur.

**Mr. Arnab Banerjee, Vice Chairman**





# BPW Trailer Systems wins Apollo CV Award for BPW SL Air Suspension 2024

Mumbai- BPW Trailer Systems India Pvt Ltd., a trailer axle and suspensions components manufacturer, has been honoured with Apollo CV Award for the 'BPW SL Air Suspension of the Year 2024'. The BPW SL Air Suspension has been in the Indian market for the past five years, for its advanced technology and performance,

it has become the standard choice across various industries including ecommerce, construction, mining, and container transportation.

By winning this prestigious award, BPW Trailer Systems India Pvt Ltd has proven its ability to provide solutions that transcend expectations and cater to the evolving needs of the market.



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The brands of the BPW Group:





# SKF India appoints Mukund Vasudevan as MD and President

**Pune-** SKF India Limited., a provider of automotive and industrial solutions in bearings, seals, lubrication, monitoring, and maintenance has appointed Mr. Mukund Vasudevan as MD- India and President for Industrial Region, India and South-east Asia effect from 8th April 2024. He succeeds Fredrik Hallen, the Acting President for Industrial Region ISEA.

He has 33 years of experience managing enterprises at companies like Pentair, Ecolab, McKinsey, and most recently, as Managing Director – Enterprise at Moglix.

“

I am really looking forward to joining SKF, a world-leading and innovative solutions provider for industrial and automotive customers, and to bring my previous experience to our teams globally and here in ISEA.

- Mr. Mukund Vasudevan

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## TRUCKS AND BUSES





# Mercedes-Benz Trucks reveals Actros L: A new era in diesel heavy trucks

**Stuttgart, Germany-** Mercedes-Benz is a renowned luxury automotive brand known for its innovative design, cutting-edge technology, and commitment to excellence in performance and craftsmanship. Mercedes-Benz Trucks has made a significant announcement in the commercial vehicle industry, revealing plans to launch the new Actros L in December 2024. As an addition to the well-established Actros model series, which has been a mainstay since 1996, the Actros L aims to redefine benchmarks in efficiency, safety, and driver comfort.

Featuring a ProCabin design that blends futuristic aesthetics with aerodynamic optimization, the Actros L promises fuel savings of up to three percent. Beyond its sleek appearance, the Actros L boasts the latest iteration of the OM 471 commercial vehicle engine renowned for its enhanced efficiency and fuel-saving capabilities.

Mercedes-Benz Trucks has also integrated advanced safety systems, including Active Brake Assist 6 and Active Sideguard Assist 2, surpassing current regulatory standards.



Rainer Müller-Finkeldei, Head of Development at Mercedes-Benz Trucks, underscores the ongoing significance of traditional diesel-powered trucks in global markets. He highlights the Actros L's aim to refine the flagship model with a revolutionary cab design and state-of-the-art features catering to fleet operators and professional drivers alike. Prospective buyers can anticipate placing orders starting April 2024, with production commencing in December of the same year. The truck's design prioritizes not only fuel efficiency but also

enhanced driving dynamics and comfort, incorporating features such as LED lighting, comfortable seating, and multiple USB-C sockets.

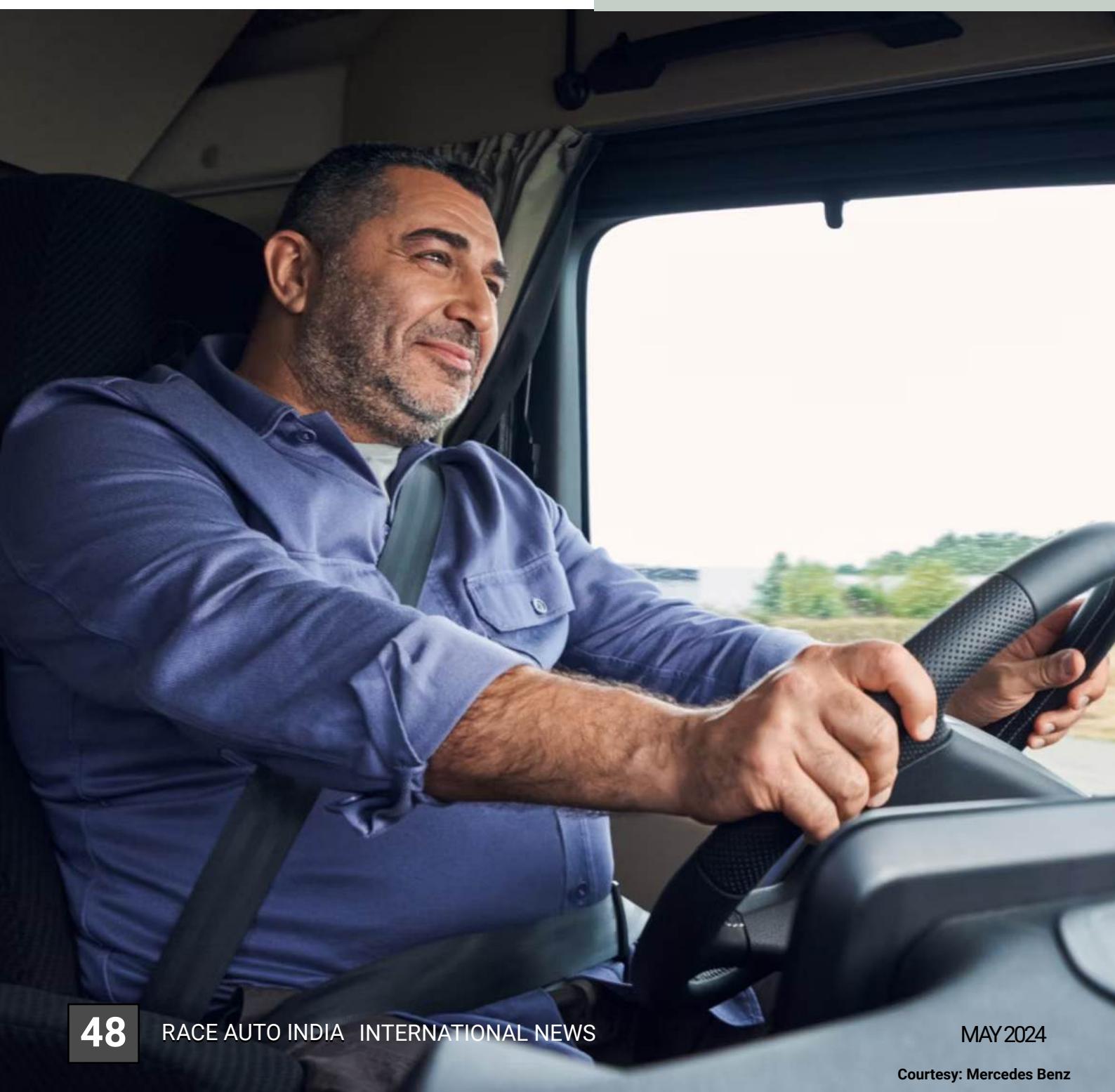
This advancement aligns with Mercedes-Benz Trucks' commitment to providing digital solutions and services that streamline operations for fleet managers, enhance vehicle availability, and improve overall fleet economic efficiency, upholding high standards of efficiency, safety, and driver satisfaction.

The addition of advanced assistance systems like Active Drive Assist 3 and Predictive Powertrain Control improves the driving experience, promoting a relaxed and efficient journey. These systems are part of Mercedes-Benz Trucks' strategy to lead in delivering vehicles with cutting-edge technology alongside traditional powertrains.

With its futuristic design, optimized aerodynamics, comfort features, efficient engines, and advanced assistance systems, the Actros L continues the legacy of the Actros series. It represents an innovative approach to conventionally powered trucks, meeting industry needs while ensuring high standards of efficiency, safety, and driver satisfaction.

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# ZF Inaugurates automotive technology center Campus in Monterrey, Mexico

## Baden-Württemberg · Germany- Zahnrad-

**fabrik Friedrichshafen AG (ZF)**, a company that supplies systems for passenger cars, commercial vehicles and industrial technology., has officially inaugurated the campus that will house four corporate function hubs for North America and the company's first R&D center in Mexico.

The Monterrey campus, situated at FINSA Guadalupe Industrial Park spanning 43,294 square meters, serves as a strategic complex for ZF, consolidating its presence in the region and globally. Complementing the advanced electronic components manufacturing plant established in 2023, this campus represents the first multifunctional and multi-divisional facility for ZF in Mexico.

Martin Fischer, President of ZF North America and Board Member, underscores the significance of the Monterrey campus, stating, "This center is of utmost importance to our company regionally and globally, as it will allow us to drive innovation and the development of new technologies, helping us stay at the forefront of the mobility industry. In addition, the hubs of corporate functions such as finance, IT and HR operations, which are also part of this campus, are extremely relevant to guarantee the operation and efficiency of the company, since they serve various regions".

With a \$200 million investment, ZF has crafted one of Mexico's foremost automotive technology complexes. The campus fosters collaboration and multidisciplinary work through its design under the Office 3.0 concept, emphasizing open spaces.

"This investment is a win-win. First, because one thing is certain, that every dollar, peso or euro invested in our state is multiplied, and second,

because here they will work on global projects, confirming that Nuevo León has established itself as a new world hub for technology and electromobility," said Iván Rivas, secretary of economy of Nuevo Leon.

The ZF Electronic Systems Monterrey manufacturing plant produces smart cameras for Advanced Assisted Driving Systems (ADAS) and Integrated Brake Control systems, with capability for fully automated driving in passenger and light commercial vehicles.

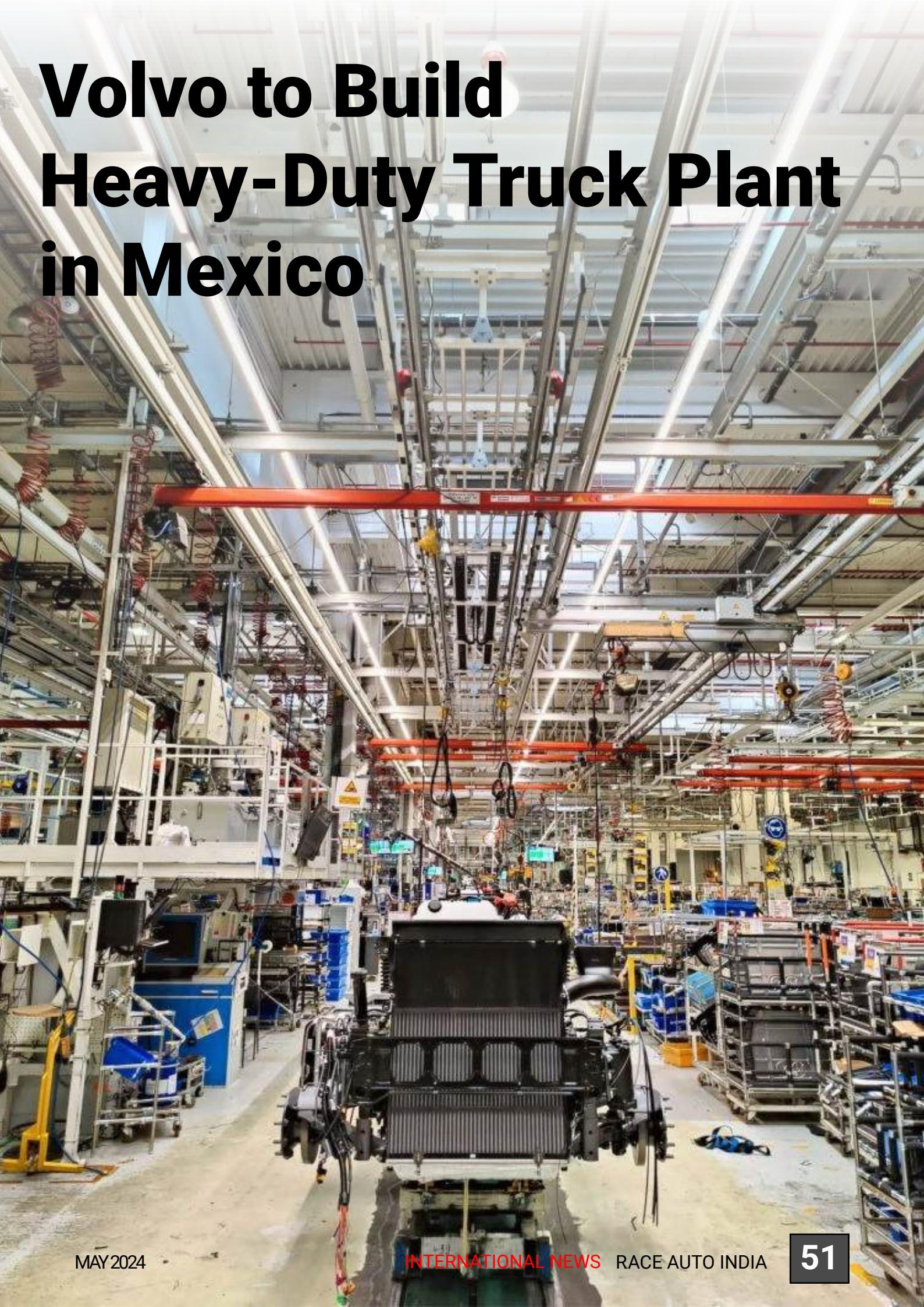
The Research and Development center has 16 laboratories that can perform tests to prevent and correct product failures. Its state-of-the-art equipment simulates the real-world conditions a vehicle is exposed to in different environments, allowing engineers to gain accurate information about its behavior in various situations.

This milestone marks a tipping point for the state's industry, as it symbolizes the transition from an economy based on manufacturing to one focused on cutting-edge engineering, design and product development. This contributes to making Nuevo León the innovation hub for the mobility industry in the country, developing world-class talent and fostering collaboration between companies, universities and government.

Jorge Vazquez, Director of ZF Monterrey and R&D Mexico, asserts, "ZF Monterrey represents a crucial step on our path towards a more sustainable and connected mobility. With this campus, we are creating a unique ecosystem in Nuevo Leon that will drive innovation and the development of disruptive mobility technologies"



# Volvo to Build Heavy-Duty Truck Plant in Mexico



**Gothenburg, Sweden / Mexico- Volvo AB.**, they announced that it will construct a new heavy-duty vehicle manufacturing facility in Mexico. The plant will provide support both Volvo Trucks and Mack Trucks in the U.S. and Canadian markets, and support Mack truck sales in Mexico and Latin America. The plant is expected to begin operations by 2026.

The Mack Lehigh Valley plant in Pennsylvania and the Volvo New River Valley plant in Virginia will continue to be the company's main North American heavy truck production sites.

The Volvo Group has invested more than \$73 million over the last five years in Mack LVO expansion and upgrades and is currently investing an additional \$80 million to prepare

for future production. The NRV plant is completing a six-year, \$400 million expansion upgrade to prepare for production of the new Volvo VNL model.

The new plant is approximately at 1.7 million square feet and will specialize in making heavy-duty conventional vehicles for Volvo and Mack brands. It will be a complete conventional vehicle assembly facility including cab body-in-white production and paint.

Expanding production to Mexico brings logistical benefits for serving the U.S. southwest/west, Mexico, and Latin America. It also provides a mature supply chain, complementing operations in the U.S. and enhancing flexibility and resilience in North American industrial footprint.



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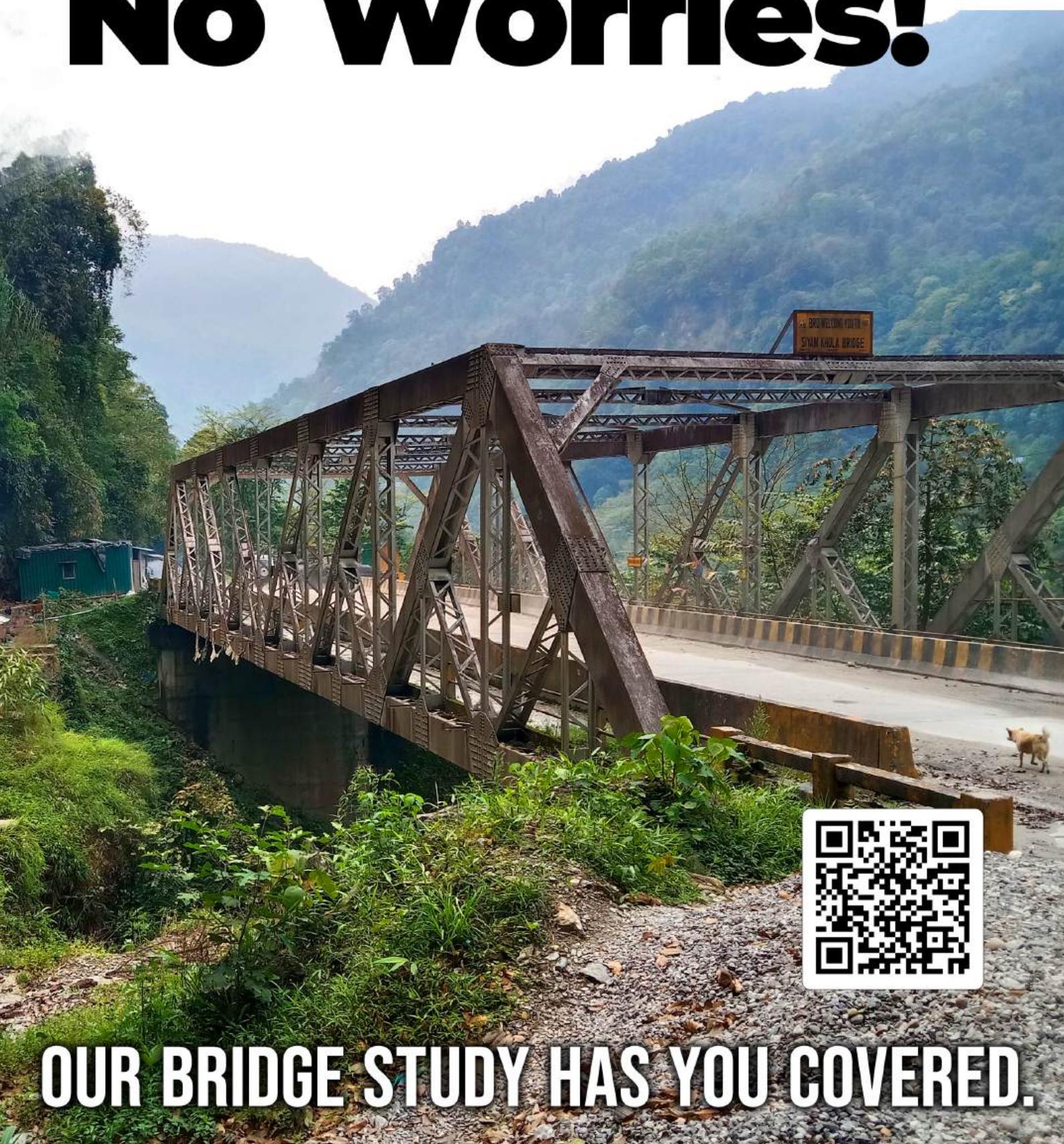
- a. Policy push propels progress
- b. Production scaling for future needs
- c. Fuel pricing trends towards 2030
- d. Infrastructure growth, poised for expansion
- e. OEMs embracing hydrogen's promise
- f. Deciding: Fuel cell or H2ICE for tomorrow's drive"

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# Volvo Showcased Volvo's VNL at Truck world 2024





**Greensboro, North Carolina- Volvo Trucks North America LLC**, will debut the new Volvo VNL in Truck World 2024 at the International Centre in Toronto, Ontario from 18th to 20th April 2024. Also, Volvo VNL 760 long-haul sleeper and Volvo VNR 300 Roll Off straight truck will be showcased.

Also, Volvo VNR Electric 6x4 tractor, currently operated by a multinational coffeehouse and restaurant chain, Tim Hortons will be on display in Volvo Trucks' booth and is equipped with a six-battery-pack configuration, 455 hp and 4,051 lb.-ft. of torque, two-speed I-Shift automated manual transmission, 14,600 lb. front axle, 40,000 lb. rear axle, and a 565 kWh total battery capacity with a charge rate of up to 250kW DC.

In last month, The VNL 840 made its debut at TMC's 2024 Annual Meeting.

“

We are excited to bring the all-new Volvo VNL to Canada for the first time at Truck World 2024. This meticulously designed truck sets new industry standards in heavy-duty trucking, with optimized aerodynamics and cutting-edge technologies that improve fuel efficiency by up to 10%. “We invite attendees to experience firsthand the quantum leap forward this truck represents and learn more about other sustainable heavy-duty transport solutions already at work throughout North America.

- **Mr. Matthew Blackman,**  
**Managing Director**



# White Logistics MOA with HVS

“

**Our pride lies in our modern fleet, finely tuned for mileage and environmental efficiency, consistently catering to customer demands. As we look to the future, White Logistics will again be at the forefront of available vehicle technology. We are exploring the latest developments in alternative fuels. We are very excited about working with HVS to understand how Hydrogen fuel cell vehicles will support us in our net zero ambitions.**

**- Mr. Graeme White,  
Chief Executive Officer**

Pershore, United Kingdom- White Logistics Limited., a logistics company providing transport and warehousing solutions for businesses, has signed a Memorandum of Agreement (MOA) with Hydrogen Vehicle Systems Limited (HVS), a designer and manufacturer of hydrogen-powered trucks for the commercial vehicle market. White Logistics will trial HVS vehicles on delivery routes, test hydrogen technology, and share operational data for a successful trial.

Mr. Graeme White, Chief Executive Officer for White Logistics, said, “Our pride lies in our modern fleet, finely tuned for mileage and environmental efficiency, consistently catering to customer demands. As we look to the future, White Logistics will again be at the forefront of available vehicle technology. We are exploring the latest developments in alternative fuels. We are very excited about working with HVS to understand how Hydrogen fuel cell vehicles will support us in our net zero ambitions.”

Hydrogen Vehicle Systems has been a transportation industry trailblazer. Heavy-duty commercial vehicle manufacturing is undergoing a transformation to HVS, which is focused on technical excellence, design innovation, and sustainability. Our advanced powertrain system was created from the ground up to be a native Fuel Cell Electric Vehicle (FCEV). It offers exceptional performance, increased efficiency, and less environmental impact.

Mr. John McLeister, Chief Commercial Officer at HVS, said, “White Logistics’ decarbonisation vision aligns perfectly with our own. We’re thrilled to collaborate with Graeme and his team, integrating our hydrogen fuel cell HGVs into their vehicle fleet. Moreover, we are passionate about helping the road haulage industry to decarbonise faster. We look forward to providing the solutions that will help transition the White’s fleet to zero.”



# Krone Launches New Generation Swap Bodies



**KRONE**  
Die Trailer-Profis

**Spelle, Germany- Fahrzeugwerk Bernard Krone GmbH.**, a trailer manufacturer, will launch the Krone Dry Box, the new generation of steel smooth-wall swap bodies, in 2024 with ten developments from the existing model.

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- The front wall now has a slight recess at the top for increased protection. Sufficient space even when cornering.
- The collision guard has been extended to 1,300 mm at the bottom.
- The new embossing on the front and side rails boosts body stability, enhancing protection for stickers and contour markings.
- The rear and front corner stanchions are now more stable, extending down to the floor for added support.
- The corner fittings have been modified to offer an integrated support leg rest
- Drivers will gain the support leg release easier to access, operable from the outside and fitted a hand-friendly rubber coating.
- The ladder safety catch, now with a spring plate, is easier to use.
- The tunnel width of the substructure has been increasing from 90 to 100 mm.
- The interior of the steel smooth-wall swap body now features an upgraded scuff plate with embossing on both sides, providing an optional lashing option. The new body is named as KRONE Dry Box, which is in production since Feb 2024.



# Iveco Bus Introduces Hybrid Crossway Intercity Bus

**Turin, Italy- Iveco S.p.A.**, an Italian transport vehicle manufacturing, introduces a new hybrid version of its CROSSWAY intercity bus which is an upgrade of **CROSSWAY Low Entry Hybrid** in October 2022 at the FIAA 2022 trade fair. It's compatible with XTL renewable fuels and features a Euro VI Step E compliant CURSOR 9 engine. The CROSSWAY Hybrid by IVECO BUS integrates Voith DIWA NXT gearbox with a 35-kW peak electrical recovery motor and braking phases with a high-energy LTO battery (48 V) mounted on the roof. This new intercity bus available in 3 lengths 10.8, 12, 13 meters and POP/LINE versions, maintains the range's signature qualities such as passenger capacity, luggage space, and optimized total cost of ownership. The CROSSWAY Hybrid features a new front-end design that incorporates the new ADAS (Advanced Driver Assistance Systems) in compliance with the upcoming GSR (General Safety Regulation), which is scheduled to come into force in July 2024. The IVECO BUS CROSSWAY Hybrid, manufactured at the IVECO BUS plant in Vysoké Myto, Czech Republic, is already available for orders, with the first units to be delivered in Spain next July.



“

**The introduction of our hybrid technology to our CROSSWAY normal floor will enable transport operators to benefit from a significant reduction in energy costs and CO2 emissions compared to internal combustion models. It is a concrete alternative available to customers. With this addition, we further strengthen our brand's ability to provide the widest sustainable offering on the market, confirming our strategy to drive the energy transition with a mix of technologies and consolidating our leadership as one of the key players in sustainable mobility in Europe.**

**- Mr. Giorgio Zino, Head of IVECO BUS Europe Commercial Operations**

# Daimler launches the E-Class 4-5 truck at Truck World Expo



**Leinfelden-Echterdingen, Germany - Daimler Truck AG.**, a commercial vehicle manufacturer, Rizon Truck brand is launching Battery-electric Class 4-5 trucks at Truck World in Toronto, Canada, event from April 18th to 20th. And preorders for Canadian customers start in June 2024.

The Canadian government aims for net-zero emissions by 2050 and offers incentives to promote electrification, including the iMHZEV program for medium- and heavy-duty zero-emission vehicles. Rizon trucks qualify for this program, encouraging companies and municipalities to explore sustainable fleet options for environmental and operational benefits.

RIZON will offer four model variants for Canadian customers, the e16L, e16M, e18L, and the e18M, with a versatile mix of configurations and options suitable for each customer's unique requirements, ranging from 7,25 to 8,55 tons in gross vehicle weight (GVW). Mr. Andreas Deusche, the Global Head of RIZON Truck, said, "Canada is very advanced regarding green energy and infrastructure and is a natural next step for RIZON's second market. "So, we are very happy to bring our zero-emission solution to Canadian customers. They are proven OEM trucks with the latest technology from Daimler Truck. RIZON is the best Class 4-5 fully electric truck money can buy".

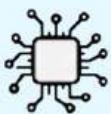




System Integration



Cyber security



Big Data Analytics



AI & ML



DC & Cloud



For Enquiries

**GTS Trade Solutions Pvt. Ltd.**

**Olympia Platina, Guindy Industrial Estate, Chennai-600032**

**Phone: +91-9600122296, +91-9384857579**

**Mail: gtstradesolutions@gmail.com**

**sibirajan@globalgtstech.com**

# XL Specialized Trailers Unveils XL Knight 80MFG Trailer

The 48-foot detachable gooseneck lowboy handles 80,000 lbs capacity, 70,000 lbs in 16 feet. It offers 29 feet of loading space and an 18-inch loaded deck height for versatile hauling. The Knight joins XL's stock-style trailers, demand alongside the Guardian 110 HDG. With enhanced availability and customer-friendly specs, both models are now available at XL dealers. The Knight's mechanical goose neck offers superior versatility for hauling across North America, combining popular specs into a competitive package. The XL Knight 80 MFG comes with enhanced standard features, including a detachable gooseneck with three height settings for terrain adaptability.



**Manchester, United Kingdom- XL Specialized Trailers Inc.**, a manufacturer of heavy haul and specialized trailers, recently launched a new trailer model, the XL Knight 80 MFG, updated with improved mechanical, full-width gooseneck trailer design.

It offers front and rear deck adjustments and a user-friendly Colas-plus raise and lower valve. Aesthetically improved with aluminum logo decal and MicroNova clearance lights, it includes a battery backup for continuous lighting. Additional features comprise a front storage area, swingout outriggers, rear transition cutout, and prepped two-axle wheel area for a third axle if required.

# Iveco Group Appoints a New CEO



**Mr. Olof Persson**

**Turin, Italy- Iveco Group N.V.**, a commercial vehicle manufacturer, Mr. Olof Persson will replace Mr. Gerrit Marx as Group CEO while Marx leaves to become CEO of CNH Industrial N.V. on July 1, 2024.

Mr. Olof Persson currently holds an independent director on Iveco Group's board, after take over as CEO he will be contributing to the development of recent strategic plans at Capital Markets Day.

Previously he had leadership roles at ABB, Bombardier Transportation, Volvo Group, and Cerberus Operations, joined Iveco group in 2022.

Ms. Suzanne Heywood, Chair of Iveco Group, said "On behalf of everyone at Iveco Group I'd like to thank Gerrit for his energetic and successful leadership over the past two and half years and wish him every success in his new role. We are fortunate indeed that Olof, with his wealth of relevant industry experience, will step in as CEO and provide a guarantee of continuity in execution of the plans we presented in March."

Mr. Olof Persson said, "As a Board member I have been greatly impressed by the entire Iveco Group team as they have opened the company to the opportunities of the digital era and the transition to alternative propulsion technologies. I couldn't be more delighted to have this opportunity to step in to the CEO role, ensuring that we maintain our laser focus on serving all our stakeholders and applying the very best of our many and growing capabilities."

Mr. Gerrit Marx said, "Olof is not only a valued member of our Board but has been a close mentor to me and the senior Iveco Group team. His extensive executive leadership experience, deep industry knowledge and understanding of our Group will ensure continued strong momentum for the plans we recently presented. I'm deeply proud of the achievements of my Iveco Group colleagues during these important and exciting years since our listing and have no doubt that under Olof's leadership our great company will continue to go from strength to strength."

“

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- Mr. Olof Persson

# Comprehensive study on long-term freight demand, focus on these key aspects

- a. Average load factors (how efficient is freight in the country)
- b. What is the average truck weight
- c. Road infrastructure improvements (allows for more heavier freight)
- d. What share of total freight is by road
- e. Government policy for modal shift



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# Mercedes-Benz e-Actros 600 Protos Megawatt Charging



**Leinfelden-Echterdingen- Germany, Mercedes-Benz Trucks**, charges eActros 600 prototypes for the first time at one-megawatt station in Wörth am Rhein. Involved in developing Megawatt Charging System (MCS) standard for public charging facility will benefit the longer hauls.

Mercedes-Benz Trucks engineers continue testing vehicle-to-charging station interface for eActros 600. Series production planned at the end of 2024, with 400 kW CCS charging, later it can be upgraded to 1,000 kW. Mercedes facilitates preorder of 1KW charging which can be retrofittable for the e-Actros 600.

The eActros 600 boasts over 600 kWh battery capacity, allowing a 500 km range on a single charge. With intermediate charging during breaks, it can cover over 1,000 km daily. For most European journeys under 500 km, depot and point-of-service charging suffice.

Mr. Rainer Müller-Finkeldei, Head of Mercedes-Benz Trucks Product Engineering, said, "Our developers have put the newly defined MCS Standard into the e-truck in the shortest of times with full charging capacity – an outstanding feat of engineering. Customers placing high demands on range and vehicle availability will benefit in particular from megawatt charging at 1,000 kilowatts in future."

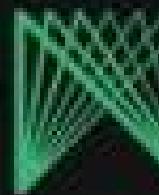


MAY 2024

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**The first successful megawatt charging test with our e-truck is an enormous step forward. Within the industry, a charging capacity of more than 700 kilowatts is already referred to as MCS charging. We, however, understand the importance of our customers being able to charge the eActros 600 at a full 1,000 kilowatts and thus benefit from short charging times**

**- Mr. Peter Ziegler,  
Head of E-Charging Components**



# netradyne

## Netradyne Partners With Intelex to Cater UK Market

**San Diego, United States/ United Kingdom-** USA based Netradyne Inc., an artificial intelligence (AI) technology for fleet and driver safety, entering the U.K. market through a partnership with Intelex System Limited., of United Kingdom a provider of aftermarket vehicle safety solutions, to revolutionise of vehicle safety solutions in the region.

The partnership to enhance road safety and fleet management with AI. This vision-based safety system employs AI and machine learning to reduce accidents, combat false claims, and empower drivers with recognition and coaching.

Netradyne's Driver•i offers advanced features like compound alerts and g-force detection, providing high-resolution videos for accident defence. With over 12 billion driving miles analysed,

its AI models achieve up to 99% accuracy, enhancing driver and fleet manager confidence. Mr. Durgadutt Nedungadi,

Sr. Vice-President for International Business at Netradyne, said, "By combining Netradyne's industry-leading Driver•i with Intelex's Fleetly platform, we are confident in delivering improved driver safety and fleet management efficiency to U.K. fleet operators. "GreenZone, our unique Driver Scoring System based on positive reinforcement, provides a holistic view of entire fleet and drivers while motivating drivers to adopt defensive driving practices, ultimately making U.K. roads safer for everyone."



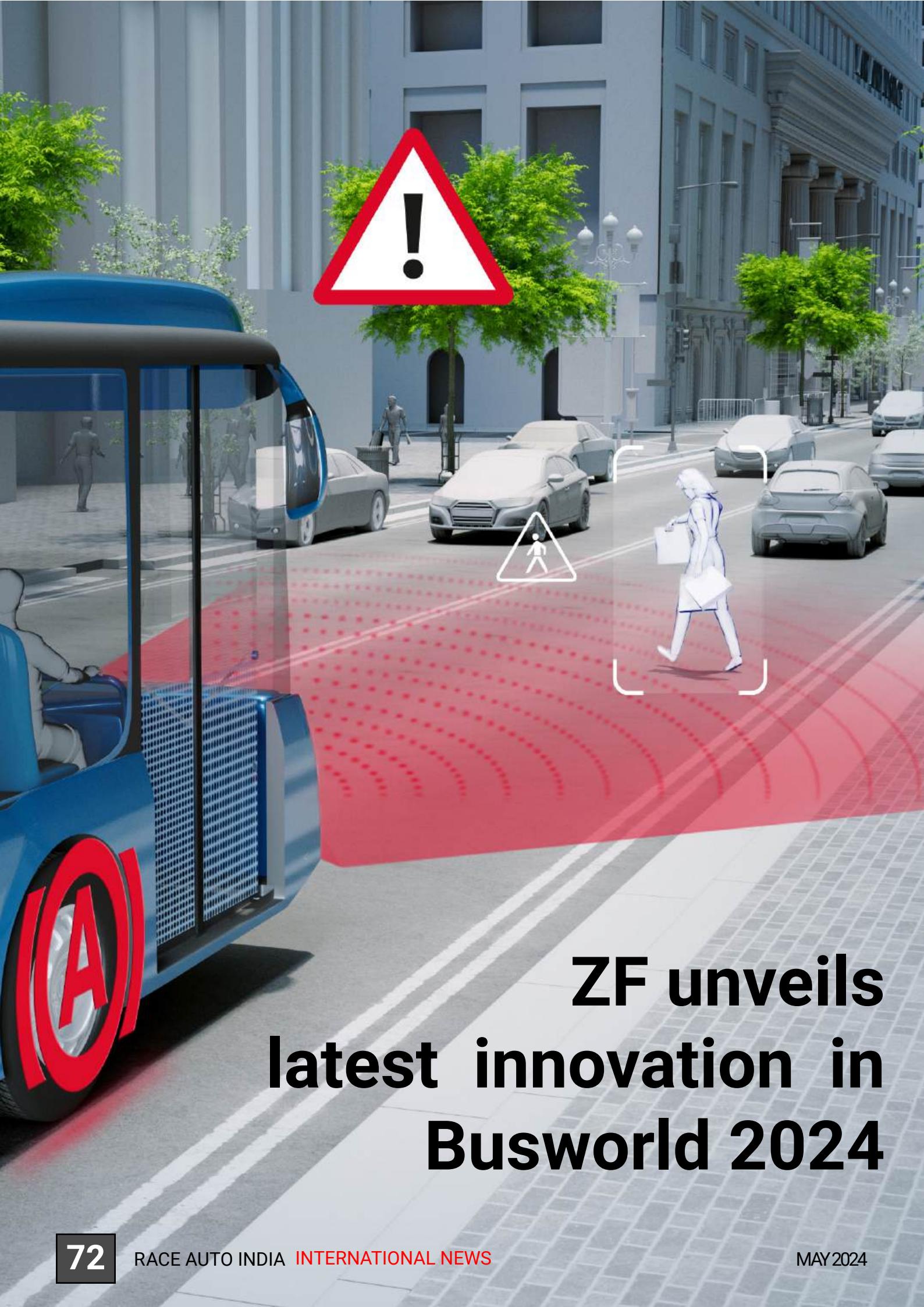
**intelex**  
S Y S T E M S

“

This partnership represents our shared commitment to providing cutting-edge technology that enhances safety and efficiency for fleets of all sizes. We aim to set new vehicle safety and fleet management standards for the U.K. market. of my Iveco Group colleagues during these important and exciting years since our listing and have no doubt that under Olof's leadership our great company will continue to go from strength to strength.

- Mr. Mallesh Cheekoti,  
Managing Director

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**ZF unveils  
latest innovation in  
Busworld 2024**

**Baden-Württemberg, Germany - Zahnradfabrik Friedrichshafen AG (ZF)**, will showcase its latest technologies for decarbonized, safer, and connected public transportation, in Busworld Trade Show in Istanbul from May 29 to 31. Its Highlights include the AxTrax 2 LF electric axle for low-floor city buses, new ADAS solutions like OnHand EPH, advanced Collision Mitigation System (CMS), live demos of Bus Connect for digital fleet management, and featuring the SCALAR fleet orchestration platform.

Introducing its AxTrax 2 LF electric portal axle for low-floor city buses in Turkey, marking a milestone in the country's commercial vehicle industry. This advanced axle, part of ZF's modular e-mobility, a powerful electric motor and 800V silicon carbide inverter, providing up to 360 kW continuous output and 37,300 Nm peak torque.

It offers a 20% climbing ability for buses weighing up to 29 tonnes and 10% energy savings compared to Previous. Enhanced performance, it maintains a compact design, maximizing passenger space, and is fully compatible with ZF's air suspension and braking systems. Scheduled for series production in 2025,

AxTrax 2 LF also features advanced software for axle condition monitoring and cybersecurity.

The OnHand Electro-Pneumatic Handbrake by ZF enhances vehicle safety and driver comfort, while also serves as building-block technology for autonomous driving.

ZF's Collision Mitigation System (CMS) for City Buses is a smart braking system showcased at the event. It actively detects vehicles, bicyclists, and pedestrians in - or entering - the path of the vehicle. In the event of performing an emergency stop, the sophisticated CMS system brings the bus to a halt while protecting unsecured passengers onboard.

SCALAR a fleet orchestration platform, optimizing transport planning for public managers with real-time, AI-driven decision-making. SCALAR EVO Flow integrates with vehicle peripheral to harness data for fleet optimization. Also on display is Bus Connect, ZF's digital fleet management solution, enhancing safety, cost savings, and operational efficiency through data insights.



## For a comprehensive study on long-term freight demand, focus on these key aspects

- a. Average load factors (how efficient is freight in the country)
- b. What is the average truck weight
- c. Road infrastructure improvements (allows for more heavier freight)
- d. What share of total freight is by road
- e. Government policy for modal shift

For more insights, subscribe and email us at [enquiry@raceinnovations.in](mailto:enquiry@raceinnovations.in)





# Sensata Launches Preview STA79 For Safety Solution

**Massachusetts, United States- Sensata Technologies Inc.**, an industrial technology company, introducing a PreView STA79 improve with safety for medium & heavy-duty vehicles. Enhances operator awareness, reduces accidents, officially launched by May 2024.

#### Key Features of PreView STA79

Three Adjustable Areas of Interest for customized configuration.

- 180-degree field of view eliminates blind spots.
- Built-in IMU enhances alert levels during turns.
- Trailer mitigation reduces false positives.
- Side Turn Assist prioritizes alerts for moving road users.
- Lane Change Assist optimizes blind spot collision mitigation.
- Customizable alerts minimize nuisance alerts.

“

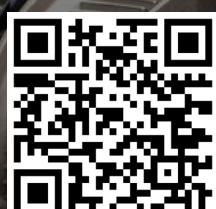
**With PreView STA79, we have reimaged what a single radar sensor can do to improve the safe operation of commercial vehicles. “Our mission is to empower drivers and operators with the tools and technologies they want and need to safely navigate our ever-growing, busy world. PreView STA79 is not just a product; it incorporates more than 20 years of driver, safety manager and OEM feedback to create a catalyst for positive change in the way we approach safety.**

- **Mr. Jamen McDermott,**  
**Product Manager**



## Navigate the Transmission Revolution!!!

**Unveil the Evolution of Transmission with our AMT vs AT Adoption Study. Gain Key Insights Driving Automotive Innovation and Consumer Preferences!**





# Daimler Buses, BMZ partnered for Zero-Emission Buses in Europe

**Germany/ Poland- Daimler Buses GmbH.,** and BMZ Poland Sp.z o.o., a group that develops and produces high-tech battery systems under the Batterien-Montage-Zentrum GmbH (BMZ) Holding GmbH., entered into partnership for the development of next-generation e-bus batteries. The NMC4 technology feature with longer range and ultra-long cycle life, available by mid-decade.

Electrically powered city buses have already been in series production since 2018, intercity e-buses by mid-decade, and electrified coaches by 2030. They aim for CO2-neutral models in every segment, starting with Europe and Latin America. By 2039, only CO2-neutral vehicles will be sold in Europe's market, with city buses achieving this by 2030.

Mr. Michael Klein, Chief Operating Officer Daimler Buses, said, "The collaboration between our companies combines two important aspects: Daimler Buses' expertise in bus development and manufacturing as well as BMZ's know-how in

I am excited to see the development of an outstanding new generation of batteries for our electrically powered buses. This collaboration marks an important milestone in the shift towards zero-emission public transport across Europe."

Mr. Tomasz Jankowski, General Manager of BMZ Poland: "Development and production of the best-in-class e-bus systems has been our strategy for a decade. We are proud to be able to work with Daimler Buses. I personally treat this nomination as an award for the consistent strategy of growth and investment into the electric bus market. Now, together with Daimler Buses, we will be able to implement this strategy on a much larger scale."

Mr. Paweł Kępski, Head of Business Unit EV, BMZ Poland, said, "We will extend our production in Gliwice, making this facility the first of its kind in the EU built for the purpose of bus battery production along with a fully automatic assembling line".

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Government incentives and OEM innovation drive adoption



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# MAM Launches Vertelo EV Fleet Platform

**Sydney, Australia / India** – Australia's Macquarie investment arm, Macquarie Asset Management (MAM), launches Vertelo, a platform driving fleet electrification in India, offering fleet solutions from leasing to end-of-life management and inject \$1.5 Bn (around INR 12,500 Cr) into India's electric vehicle space over 10 years.

Aligning with India's EV targets, it strives for 40% electric buses and 70% electric commercial cars by 2030, supporting the government's vision for sustainable mobility. Vertelo secures investment of \$200M from Green Climate Fund.

For a flying start, leasing 44 electric buses to Chalo Mobility for Mumbai operations. Agreements with OEMs like JBM, Eka Mobility, and Tata Motors set to procure up to 2,000 electric buses and cars each, meeting growing customer demand.

Mr. Abhishek Poddar, India Country Head, Macquarie Group, said "The transition to electric vehicles will bring significant benefits to India – increasing its energy independence and mitigating the impacts of climate change. Vertelo aims to play a key role in accelerating this transition by making it easy for its customers to realise the benefits of going electric immediately."

Mr. Henry Gonzalez, Green Climate Fund Deputy Executive Director, said "The platform launched today is a big moment for all involved. It has been designed to speed up the adoption of electric vehicles – buses and commercial fleets – by providing affordable leasing and financing solutions. This will help bring costs down, so electric vehicles can be truly competitive, and people can breathe cleaner, safer air across the country. This investment is the Green Climate Fund's first private-sector transport programme in the e-mobility sector, and we are excited to have provided \$US200 million equity capital to support India's e-mobility transition." The new business will be led by Sandeep Gambhir who previously led the automotive leasing, mobility, and nonbank financial businesses for ORIX India for 11 years. Mr. Sandeep Gambhir, Chief Executive Officer, Vertelo, said "Vertelo aims to become a larger ecosystem player in the EV mobility landscape through its unique and comprehensive offering that covers

the entire lifecycle of the underlying assets including upfront capital solution, charging infrastructure, maintenance and energy management, which helps it to partner with large OEMs, fleet operators, and other corporates, and accelerate fleet electrification in India."

Mr. Mohit Dubey, Co-Founder and CEO, Chalo, said, "We are happy to partner with Vertelo and JBM to add these 44 Chalo buses in Mumbai, taking our fleet to 100 electric luxury AC buses. This is a significant step for Mumbai where Chalo and BEST have partnered to run a luxury bus service for daily commute. Congratulations to the Vertelo team on their launch. We look forward to a long-term sustainable partnership with them."

Mr. Nishant Arya, Vice Chairman, JBM Group, said, "JBM is excited to announce its global strategic partnership with Vertelo to deploy up to 2,000 electric buses over next three to five years, beginning with a sizeable first deployment of 44 electric buses, marking a significant milestone in sustainable mobility. Together, we're shaping the future of zero emission electric public transportation with a commitment to innovation and excellence."

“

**The transition to electric vehicles will bring significant benefits to India – increasing its energy independence and mitigating the impacts of climate change. Vertelo aims to play a key role in accelerating this transition by making it easy for its customers to realise the benefits of going electric immediately.**

- Mr. Abhishek Poddar,  
India Country Head, Macquarie Group



**Speed through  
Casablanca with ease on  
our new BRT lines. Your  
commute, redefined**

**Leinfelden-Echterdingen- Daimler Buses GmbH.**, has delivered 40 new Mercedes-Benz Capacity L vehicles to the Casa Transports SA transport authority in Casablanca. In Casablanca, the public transportation authority oversees the entire metropolitan area, including surrounding cities. RATP Dev operates the new large-capacity buses on the first two Bus Rapid Transport (BRT) routes, inaugurated in March 2024. The CapaCity L buses run on separate lanes for efficient urban mobility. Auto Nejma, Daimler Buses' Moroccan distributor, is responsible for the contract and delivery of the 21-meter-long articulated vehicles. In Casablanca, alongside the existing tram routes, four-door, large-capacity articulated buses are enhancing transport infrastructure with room for up to 177 passengers each. These buses aim to improve traffic flow and reduce CO<sub>2</sub> emissions. The new Bus Rapid Transit (BRT) system comprises two routes totaling 24.5 kilometers with 42 stops. Route 1 spans west to east, while Route 2 connects southwest to northeast districts, forming an interconnected network with other public transport systems in the city.

#### **Improving urban mobility for Casablanca's residents**

The Bus Rapid Transit (BRT) routes in Casablanca cater to approximately 300,000 residents and are designed to reduce carbon emissions. With buses running every 5.5 minutes during peak times, the BRT system seamlessly connects with the tram network, ensuring efficient traffic flow and fast transfers. An Intelligent Transportation System (ITS) optimizes schedules and monitors routes via video surveillance, enhancing overall service quality. Staff at stops assist passengers, and subsidized ticket prices of six Dirhams (0.55 Euros) aim to promote public transport usage.

#### **Modern and comfortable: 40 CapaCity L in Casablanca's BRT network**

The CapaCity L large-capacity buses by Mercedes-Benz, featuring a uniform gold-gray design, accommodate up to 177 passengers each. With four wide-opening doors, 58 seats, and advanced air-conditioning, they ensure comfort. Manual folding ramps at doors 2 and 3, along with designated areas for baby carriages and wheelchairs, offer accessibility. These buses are powered by Euro VI diesel engines from the OM 470 series, paired with Voith Diwa automatic transmission, ensuring environmental friendliness.

“

**We are honored by the confidence that Casa Transport has shown in us for this important project to the daily lives of the people of Casablanca. It reflects our understanding of the societal challenges of urban mobility, and testifies to our commitment to supporting cities to promote access for all to quality transport services**

**- Mr. Hiba Farès,  
RATP Dev's CEO**

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**Cologne, Germany-** Deutz AG., has achieved another significant milestone in its portfolio realignment with the completion of the sale of Torqeedo, a manufacturer of electric outboard and inboard motors, to Yamaha Motor Co., Ltd. (Yamaha)

In order to accelerate the electrification strategy for Deutz's core customer segments Construction Equipment, Agricultural Machinery, and Material Handling in particular and to solidify Torqeedo's position in electric-powered water transport technology, Deutz acquired the specialist in electric boat drives in 2017. Deutz has effectively increased the range of electric drive systems in its offering during the last few years.

Dr. Sebastian C. Schulte, Deutz Ceo, said that, Deutz anticipates a significant gain from the sale of Torqeedo, likely in the low double-digit millions of euros, with proceeds estimated in the high double-digit millions. Torqeedo's acquisition by Yamaha promises further growth opportunities. Congratulations to both parties involved. Best wishes to Fabian Bez, Torqeedo's management, and staff. For Deutz, this sale signifies a structured restart for its Green segment, allowing focus on developing market-driven drive solutions. The aim is to establish a profitable green ecosystem, including hydrogen-powered engines and battery-electric products, vital for the future of transportation.

Deutz's Dual+ strategy, introduced in 2023, focuses on developing its green product portfolio while enhancing performance in conventional engine business and expanding service offerings. The goal is to become one of the top three independent drive manufacturers by 2030 and achieve climate neutrality by 2050.

“

**Deutz anticipates significant profit from Torqeedo's sale, likely tens of millions of euros, with Yamaha's acquisition promising growth. Congratulations to both. Best wishes to Fabian Bez and Torqeedo's team. This sale marks a restart for Deutz's Green segment, focusing on market-driven drive solutions, including hydrogen-powered engines and battery-electric products for future transportation.**

- Dr. Sebastian C. Schulte,  
Ceo, Deutz



# HIAB Secures major order for Waltco Tail Lifts in the US Market

**Hudiksvall, Sweden- Hydraulika Industri AB (Hiab)**, a manufacturer of loader cranes, demountable container handlers, forestry cranes, truck-mounted forklifts and tail lifts, is a part of Cargotec Corporation., has received order for WALTCO tail lifts in the US worth EUR 7.3 million from a major discount store. The bulk of the equipment was delivered in H1 2024, and the order was scheduled in Cargotec's orders received in Q1 2024.

The reputable WALTCO client has thousands of locations throughout the United States. Before being delivered to the customer, bodybuilders and original equipment manufacturers will install the specified tail lifts on trailers. Retail merchandise will be delivered to their storefronts via the trailers.

#### Ease of operation and added safety features

The tail lifts that were ordered are from the WALTCO WDV series, which is the industry's best heavy-duty railgate and has few maintenance needs and is easy to operate. When not in use, the platform may be easily stored over the back door and lowered to make dock loading simple. The WALTCO WDV railgates come equipped with extra safety features including a slip-resistant platform and platform warning lights that flash automatically while the liftgate is in operation.

#### About Hiab

Hiab is a leading provider of smart and sustainable load handling solutions. We are committed to delivering the best customer experience every day with the most engaged people and partners. Hiab's premium equipment includes HIAB, EFFER and ARGOS loader cranes, MOFFETT and PRINCETON truck mounted forklifts, LOGLIFT forestry cranes, JONSERED recycling cranes, MULTILIFT skiploaders and hooklifts, GALFAB roll-off cable hoists, tail lifts under the ZEPRO, DEL and WALTCO brands, and HIPERFORM, a suite of smart solutions. As the industry pioneer, Hiab continues to make lo

ad handling smarter, safer and more sustainable to build a better tomorrow. Hiab is part of Cargotec Corporation. [www.hiab.com](http://www.hiab.com)

Hiab is part of Cargotec Corporation. Cargotec (Nasdaq Helsinki: CGCBV) sales in 2023 totalled approximately EUR 4.6 billion and it employs around 11,400 people. [www.cargotec.com](http://www.cargotec.com)

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We are happy to fulfill this sizable order for a cherished, long-time client. This demonstrates our commitment to providing top-notch, dependable, and secure products, supported by industry-leading technical assistance and parts availability in every state. Our Ohio production facility assembles the WDV railgates, which we can provide quickly to satisfy client requests

- Mr. James Peck,  
Director



**HIAB**



# MFTBC Launches German VT-Based Mechanics Training Program

**Kanagawa, Japan- Mitsubishi Fuso Truck and Bus Corporation (MFTBC)**, is launching a pioneering training initiative in collaboration with the German Chamber of Commerce and Industry, set to revolutionize the skill development landscape for young mechanics in Japan. Commencing in April 2024, the program, known as the “Vocational Training Automotive Mechatronics” Program, will integrate the renowned German vocational training model into the Japanese automotive sector, with MFTBC as a key partner.

This innovative program, widely recognized as the “dual system,” will immerse participants in a comprehensive three-year training regimen combining practical work experience at MFTBC and specialized education through the vocational training curriculum. Participants will undergo rigorous training, encompassing both hands-on learning at MFTBC’s facilities and classroom instruction at affiliated institutions. One of the hallmarks of this program is its ability to condense the typical five-year learning curve into a compact three-year timeframe, offering accelerated knowledge and skills acquisition to aspiring mechanics. Through a blend of on-the-job training and structured classroom sessions, participants will gain proficiency in fundamental maintenance tasks and cutting-edge technologies, including electric vehicles (EVs). By aligning with the German vocational training model, MFTBC aims to standardize the skill levels and knowledge base of its mechanics, thereby enhancing service quality and customer satisfaction. The program will be overseen by experienced instructors, known as “basic trainers,” who will conduct regular assessments to monitor progress and ensure consistent skill development across all participants.

Kazuo Matsunaga, Chairman of MFTBC, lauds the program as a transformative opportunity for young employees, positioning them as future leaders in the automotive industry. Against the backdrop of evolving challenges such as labor shortages and industry demands, MFTBC views this initiative as pivotal in solidifying its reputation as a trusted provider of automotive solutions.

The launch of the Vocational Training Automotive Mechatronics Program marks a significant milestone in the evolution of skill development initiatives in Japan, signaling a new era of collaboration between industry stakeholders and educational institutions. As MFTBC and its partners embark on this journey, the stage is set for a transformative impact on the automotive sector, paving the way for a future generation of highly skilled mechanics poised to drive innovation and service excellence.

“

**Excitement about broadening the program to include additional vocational fields, specifically designed to align with Japan's changing industrial needs, is evident. Working closely with local educational institutions is considered essential for this initiative, reflecting a dedication to nurturing continual innovation and skill advancement.**

**- Mr. Marcus Schürmann,  
Chief Executive Officer**



# Nikola's Q1 2024 Hydrogen Fuel Cell Truck Production and Sales

**Phoenix, United States- Nikola Corporation**, a zero-emissions transportation and energy supply and infrastructure solutions, via the HYLA brand, as the business manufactured forty Class 8 Nikola hydrogen fuel cell electric vehicles and sold them in wholesale. Furthermore, the Nikola group has started the process of returning the BEV "2.0" trucks to their owners.

This covers not just the manufacturing and distribution of our hydrogen fuel cell electric trucks but also the beginning of customer returns for our battery-electric trucks. Every truck that is supplied in bulk to Nikola dealers is intended for final users. At the conclusion of the quarter, there were just three hydrogen fuel cell electric trucks left in completed goods inventory. These trucks have already been assigned, and delivery is scheduled for early April.

Future quarters should see continued sales increase as our HYLA hydrogen fuelling systems become operational. This includes our first Canadian refueling station in Edmonton, Alberta, and our recently celebrated first modular refueling station in Ontario, California, Girskey went on. Seeing us out in the field, spearheading the industry's decarbonization drive, is satisfying for our staff.

“

If we maintain the pace from 2023, we should have a prosperous 2024. Setting goals isn't the only thing to consider. It's about keeping our end of the bargain.

- Mr. Steve Girskey,  
CEO



# Greenlane constructs a charging corridor for trucks linking Los Angeles and Las Vegas

**Juno Beach, United States- Greenlane**, a collaboration between Daimler Truck North America (DTNA), NextEra Energy Resources, and Blackrock, revealed plans in 2022 to construct a nationwide network of charging and hydrogen refueling stations. The first corridor, spanning 280 miles along Interstate 15 from Los Angeles to Las Vegas, will host over 100 charging stations, featuring DC chargers with up to 400 kW of power.

Initially, charging points will be installed in Colton, Barstow, and Baker, California, with further expansion slated over the next year, extending into Southern Nevada and San Pedro.

In Colton, the station will house over 60 chargers, including 400 kW DC fast chargers for medium and heavy-duty electric vehicles, alongside 200 kW fast charging points for longer duration and overnight charging. Passenger car charging stalls will also be available.

The site in Colton will accommodate future implementation of the Megawatt Charging System (MCS) and hydrogen refueling stations. It will feature amenities such as restrooms and food and beverage facilities.

Greenlane's announcement aligns with the US federal government's freight infrastructure plan, focusing on charging infrastructure and hydrogen refueling stations for medium and heavy-duty commercial vehicles by 2040. The company aims to offer charging and hydrogen filling stations on critical freight routes along the east and west coasts and in Texas by 2026, utilizing renewable energy and advanced charging and energy management software. Rizon, a subsidiary of Daimler Truck, has already delivered its first batch of medium-duty electric trucks in California, catering to urban delivery tasks across various industries. These electric trucks qualify for incentives through the California Air Resource Board's (CARB) Hybrid and Zero-emission Truck and Bus Voucher Incentive Project (HVIP), making them a cost-effective alternative to diesel chassis.

As businesses increasingly turn to electric vehicles for freight transport, Greenlane's infrastructure development plays a crucial role in ensuring the viability of intercity and interstate travel for electric vehicles.

“

**The strategic selection of the initial locations, aiming to maximize uptime for day-cab drivers and enable confident freight movement.**

- **Mr.Patrick Macdonald-King,**  
**CEO of Greenlane**

# Kuehne+Nagel International Implements New Regional Structure



## Bremen, Germany- Kuehne+Nagel

International's Board of Directors has greenlit a new reporting structure, emphasizing direct reporting from country organizations. The goal is to boost productivity and support profitable expansion. This revamped setup aims to streamline decision-making and rapidly adjust strategies to market dynamics, promoting agility in operations.

Bremen, Germany- Kuehne+Nagel International's Board of Directors has greenlit a new reporting structure, emphasizing direct reporting from country organizations. The goal is to boost productivity and support profitable expansion. This revamped setup aims to streamline decision-making and rapidly adjust strategies to market dynamics, promoting agility in operations.

“

**With the discontinuation of the regional management levels, the Kuehne+Nagel Group is streamlining its organizational structure and creating the conditions for further efficiency gains, to be able to act even faster and more flexibly in an increasingly dynamic global trade environment**

**- Dr. Joerg Wolle,  
Chairman**

# Volta Trucks announces comeback in UK with New ownership



**Sweden / UK: Volta Trucks AB.**, a commercial vehicle manufacturer, has announced the come-back in UK with new company Volta Commercial Vehicles Ltd, comprising an experienced and dedicated team to recapitalize Volta Trucks, develop a simplified and capital-efficient business plan.

The New Company, Volta Commercial Vehicles Ltd, based in the London, UK, is relaunching with a team of 150 employees focused on bring electric vehicles back to European cities.

They're developing 16t and 18t versions of the Volta Zero to meet the GSR-2 (General Safety Requirement) standards, with trials underway in the UK and expanding to other European countries.

Post bankruptcy and take over, Luxor Capital supporting Volta Trucks with convertible financing now and a Series-A (first stage of investment) round later this year.

In March 2024, Volta Trucks signs manufacturing agreement with Steyr Automotive for series production later this year.

"During the last couple of months, we have analyzed our original business plan and worked hard to simplify our business model with a strong focus on speed to market, capital efficiency and profitability. The new Volta Trucks will provide an innovative 'chassis-cab' product, supported by a tailored Maintenance and Service offering and partnerships with certified Body Builders. We believe this will best support our customers' immediate needs and facilitate the electrification transition."

"With the City of Paris aiming to create the most green Olympics ever, this is a perfect opportunity for our logistics and consumer-brand customers to showcase the future of urban logistics," added Essa Al-Saleh.

“

**We're looking to confirm orders with existing customers, reassemble the supply chain, complete a crucial fundraising round, and ensure series vehicles are ready for delivery. Right now, we are in the midst of discussions with all our suppliers and partners to enable these objectives. We have learned a lot from our challenging journey and are emerging stronger and more focused than ever**

**- Mr. Essa Al-Saleh,  
CEO**



# Volta truck delivers Volta Zero to ATC Transport

**Dublin, Ireland- ATC Computer Transport & Logistics GmbH.**, a logistics company, is now evaluating the all-electric Volta Zero as part of Volta Trucks' Driving Experience Programme, a program designed to experience the Volta electric truck performance by test drive at their existing fleet operations.

The Volta Zeros will join ATC's existing green fleet, operating from their hub in Weybridge, South of Heathrow, and servicing clients in and around London city. With its centrally placed driving seat and wider visibility, the Volta Zero integrates seamlessly into ATC's operations, paving the way for a smoother transition to greater electrification.

Mr. Rainer Hoerbst, Head of Green Logistics at ATC, commended Volta Trucks for providing a solution that aligns with their sustainability goals

and looks forward to evaluating the benefits in the coming months. The partnership between Volta Trucks and ATC Computer Logistics signs a breakthrough in sustainable logistics. The deployment of the Volta Zero in the UK highlights the promise of electric vehicles and underscores a new era of innovation in commercial transport. Follow us for updates on this pilot and the ongoing drive for industry innovation.

“

**pride in seeing the Volta Zero in action as part of the Pilot Programme, highlighting the company's commitment to sustainable and safer cities.**

- Mr. Carla Detrieux

# Trailer Builder Serco Powered with Solar



**Durban/Cape Town/ Johannesburg - Serco Industries**, a trailer manufacturer is currently runs with 67% of Solar power at their primary production facilities in Durban, Johannesburg, and Cape Town. In addition to solar power, Serco has a pointed focus on other greening developments such as recycling paper and plastic and rainwater harvesting demonstrates their commitment to sustainability. Clinton Holcroft, the CEO of Serco, emphasized the importance of environmental sustainability for the company and aims to elevate its solar energy utilization to 75 percent.

"We believe that businesses have a critical role to play in addressing environmental challenges," he said. "Our adoption of solar power is a testament to our dedication to sustainable manufacturing and our responsibility towards the planet."

the company said. "We still have some work to do to reach the 75 per cent mark, but we've made really good progress with that priority which we set for ourselves," Holcroft said. "This has included replacing high energy machinery with more efficient equipment, upgrading factory and office lighting to LED lights, and optimising the solar panels at our factories. It's really an ongoing process."

“

**We believe that businesses have a critical role to play in addressing environmental challenges**

**-Mr. Clinton Holcroft, CEO**

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# Contargo and Remondis trails eActros 600 Electric Trucks



**Leinfelden-Echterdingen, Germany- Daimler Truck AG**, a commercial vehicle manufacturer, has begun customer trials and testing of the Mercedes-Benz eActros 600 with Contargo Wörth-Karlsruhe GmbH and Remondis Sustainable Services GmbH. Contargo will use the e-truck for container transportation between Wörth port and various points, aiming for over 800 km daily. Initially charged at Contargo's Karlsruhe terminal, they plan to establish their own charging infrastructure with 90 points across 18 locations. Remondis will use the test vehicle in Cologne for the HoLa project, focusing on developing a high-performance charging infrastructure for electric long-distance transport. The Remondis test vehicle primarily transports recycled raw materials and is equipped with a Kögel trailer. Mercedes-Benz Trucks plans to hand over further test vehicles to customers with different use cases.

**Ms. Stina Fagerman, Head of Marketing, Sales and Services at Mercedes-Benz Trucks**, said "The testing of e-trucks with customers before the start of production has proven very successful. This is why we are also relying on practical tests for the eActros 600. We are very pleased that Contargo and Remondis will be the first customers to test the eActros 600 in real operation." **Mr. Michael Starke, CEO of Rhenus Trucking GmbH & Co. KG**, said "We are 'electrified' and are consistently implementing projects for decarbonization. That's why it is a pleasure and a logical consequence for us to be part of the customer testing project from the very beginning. The eActros 600 will set new standards! We are receiving the very first e-truck for testing. In addition, last year, we ordered 20 of these vehicles. This means that we will also be one of the first companies to have them on the road, which will make our e-tours for container logistics and national long-distance haulage easier." **Mr. Andreas Roer, CEO of Contargo Wörth-Karlsruhe GmbH**, said "820 kilometers a day – for this we are now using the eActros 600 in two-shift operation. Thanks to our powerful charging infrastructure, this use case is ideal for the vehicle."

**Mr. Sascha Hähnke, CEO of Remondis Sustainable Services GmbH**, said "As one of the world's leading companies for recycling, water management and municipal and industrial services, sustainability is part of our everyday lives. We have already gained many valuable experiences with electric trucks over the past few years. For us, it was therefore just natural to be the first company to participate in customer testing of the eActros 600. Especially in the circular economy, everything starts with logistics."

We are delighted to be able to take another step towards climate neutrality with the electric truck."

### **Remondis relies on Kögel trailer for the eActros 600 test**

**Mr. Christian Renners, CEO of Kögel Trailer GmbH**, said The Kögel Cargo is the flagship of the Kögel trailer series and also the best-selling trailer of the manufacturer from Burtenbach. Its high degree of customization, outstanding reliability and high payload make the Kögel Cargo the first choice for the transport industry. But it is not only the product benefit that is the focus of this collaboration. It is above all the understanding of sustainable transport solutions that unites Remondis and Kögel. "We were impressed by the consistent advancement of a sustainability strategy at Remondis." As a leading trailer manufacturer, we are equally committed to acting sustainably. However, the concept of sustainability at Kögel includes not only the environment, but also customers, employees and partnerships. We have the same understanding here as Remondis."

### **The Mercedes-Benz eActros 600**

The eActros 600 boasts a battery capacity of over 600 kWh, granting a range of 500 km without recharging. With intermediate charging during driver breaks, it can cover over 1,000 km per day. It supports CCS charging up to 400 kW and will later offer megawatt charging. The truck features a sleek, aerodynamic design. Mercedes-Benz aims to revolutionize long-haul transport, planning series production by late 2024. Rigid variants will also be available, expanding its usability.

**Unlocking Ethanol's Potential: Government incentives and OEM innovation drive adoption." - For deeper insights on ethanol adoption, subscribe or email us at kh@raceinnovations.in today!**



# Deutz introduces the “Deutz Greenfield Award” for sustainable mobility

**Cologne, Germany-** Deutz AG., celebrates its 160th anniversary with the “DEUTZ Greenfield Award” for students and young researchers, promoting sustainable mobility in the off-highway sector. Entries until May 17, 2024, focusing on reducing environmental impact and innovating commercial vehicle mobility. A prize for redesign the classic DEUTZ D30 tractor under “Revolutionize Agriculture.”

Submissions for the award are evaluated by jury based on innovation, technical excellence, and industry and environmental impact.

Winners receive over 10,000 Euros. Ceremony at neuland congress in July 2024, in Aachen.

**Dr. Sebastian C. Schulte.** Deutz CEO, said, “Promoting research and development in the area of low-emission drive solutions is crucial to creating a sustainable future and breaking new ground.” “With our 160-year history, which is characterized by technological innovations and further developments, we would like to offer young, committed talents a platform to actively contribute to meeting the challenges of tomorrow together with us.”

The “DEUTZ Greenfield Award” is aimed at students and young researchers. Those interested can find further information and registration on the official website of the “DEUTZ Greenfield Award” at [www.greenfield-award.Deutz.com](http://www.greenfield-award.Deutz.com). The deadline for submissions is May 17, 2024.

# Scania appoints a new EVP & CTO



**Södertälje, Sweden- Scania AB.**, has been appointed Ms. Sara Forsberg as Executive Vice President, Chief Technical Officer, and Head of Brand Identity Development, as of 1 May 2024. She joined Scania in 2001, held several R&D positions, including Head of Truck Chassis Development. Currently acting manager for Vehicle Development in Södertälje since 2023.

Mr. Niklas Klingenberg, Head of Group R&D, TRATON Group, said, "As we continue to establish a strong TRATON Group R&D that will deliver more customer value worldwide, Sara will play an essential role in driving the brand identity development and the future success of Scania."

Mr. Christian Levin, President and CEO Scania and TRATON Group, said "The role of the CTO is incredibly important as we continue to build our future vehicle offering to our customers. I am happy to welcome Sara to the Executive Board. Her broad technical expertise from various parts of the company together with strong leadership will be a great contribution to Scania's future offering of premium sustainable solutions.

Ms. Sara Forsberg said, "I'm thrilled to be taking up this new role at such an important and exciting stage of Scania's journey, with some challenges, but also great opportunities ahead of us. We will continue to build Scania's premium offering and leverage the strengths of the group to deliver solutions tailored to the specific needs of our customers in various markets.



## Union Elections in 2024- IMPACT !!

- a. **Truck and bus sales due to potential changes in policies.**
- b. **Construction equipment sales as policies evolve.**
- c. **Tractor, agricultural implements sales, especially in agriculture, with potential shifts in agreements.**
- d. **Policy direction for battery electric, hydrogen, and alternative fuels, influenced by union leadership and political climate.**

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# ZF wins International bus planer Sustainable Prize 2024

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**This award is further confirmation of how ZF's technologies are leading the way in electrifying different vehicle segments to help the industry significantly reduce carbon emissions.**

**“This recognition underscores ZF's position as the preferred development partner for leading bus and coach manufacturers in making electrification technologies a viable alternative to the traditional combustion engine.**

**- Mr. Bernd Wachter,  
ZF's Sales Director**

**Baden-Württemberg, Germany-Zahnradfabrik Friedrichshafen AG (ZF),** presence at Bus2Bus trade show in Berlin got off Presence's CeTrax 2 dual won the International Busplaner Sustainability Prize 2024 in Vehicle Components category. The award, from German Huss publishing house, for their efforts in developing environmental sustainability for the bus industry.

Germany's Zahnradfabrik Friedrichshafen AG (ZF), with its presence at the Bus2Bus trade show in Berlin, won the International Busplaner Sustainability Prize 2024 in the Vehicle Components category for its CeTrax 2 dual. The award, from the German Huss publishing house, recognizes their efforts in developing environmental sustainability for the bus industry.

The CeTrax 2 dual by ZF is a heavy-duty electric drive designed to replace fixed transmissions in vehicles. It combines ICE and electric drivetrains in one vehicle platform. Featuring two 800 Volt silicon carbide (SiC) inverters, it offers 380 kW continuous power and 24,700 Nm peak torque for up to 44-ton vehicles. Its 3-speed transmission with 2 e-actuators ensures efficiency, smooth acceleration, and quiet operation.

The award was presented to ZF on the eve of the Bus2Bus trade show in Berlin (24-25 April 2024). There, alongside the CeTrax 2 dual, ZF presented its latest innovations for decarbonization, safety and digitalization for the bus and coach industry.



# **Yokohma Rubber build Tire Plant in Mexico**

**Hiratsuka, Japan/ Mexico- The Yokohama Rubber Co., Ltd.**, they started the construction of its new passenger car tire plant in Mexico on 15th April 2024. At the ceremony was attended by many local government officials and representatives from the local community, including Coahuila Governor Manolo Jiménez Salinas and Saltillo Mayor Jose Maria Frausto Siller. From Yokohama Rubber, Chairman & CEO Masataka Yamaishi and Member of the Board and Senior Managing Officer & Co-COO Nitin Mantri were joined by Shinichi Takimoto, Chairman and CEO of Yokohama Corporation of North America (YCNA), a Yokohama Rubber tire sales subsidiary, and Jeff Barna, President, and CEO of Yokohama Tire Corporation (YTC), a US-based tire sales subsidiary. The plant is located at Alianza Industrial Park, Saltillo, Coahuila, Mexico with the site area of Approx. Approx. 610,000 square meters and production capacity is 5 million tires.

The new plant will increase Yokohama Rubber's tire production capacity in North America, enabling the Company to meet an expected increase in future demand in the region with tires produced locally in the region. The Mexico plant will have an annual production capacity of 5 million tires. Construction will begin during the second quarter of 2024, with production scheduled to start in the first quarter of 2027. The Company will also consider expanding the plant in the future. In Yokohama Rubber's three-year medium-term management plan, Yokohama Transformation 2026 (YX2026), the consumer tire focuses on maximizing sales of high-value-added tires. This includes expanding sales of the ADVAN and GEOLANDAR brands, as well as winter tires and 18-inch and larger tires. The plan also emphasizes "Product and Regional Strategies" to strengthen tire development, supply, and sales tailored to specific regional market trends.

“

**Mr. Masataka Yamaishi, Chairman & CEO, and Mr. Jeff Barna, President and CEO of Yokohama Tire Corporation (YTC), conveyed their appreciation for the forthcoming efforts in building the plant, underscoring its importance in localizing Yokohama Rubber's business within the North American market.**



## Solaris receives order for 354 buses to Rome

**Bolechowo-Osiedle, Poland- Solaris Bus & Coach sp. z o.o.**, won a tender to supply 110 mild hybrid vehicles to ATAC S.p.A., a public transport company in Rome. The offer for Solaris Urbino 18, equipped with advanced mild hybrid systems, received the highest rating. These eco-friendly vehicles will hit the streets of Rome in 2024, Solaris winning the bid conducted by Gubielo Spa. Gubielo Spa and ATAC Roma have recently ordered 244 Solaris Urbino 12 CNG buses for Rome in 2024 and 2025. These buses run on compressed natural gas and were chosen for their advantages. Additionally, there's an option

to increase the order by 78 more units, pending a decision by the contracting authority in the coming months. Solaris will not only deliver the buses but also provide servicing for the next 10 years. The total value of the vehicles and services, if all options are utilized, could reach up to EUR 200 million.

These new buses aren't Solaris's first in Rome. Previously, they delivered 30 trolleybuses to ATAC in 2003-2004. Plus, over 700 Solaris Inter Urbino vehicles are already in use for regional transport in Rome's suburbs. Overall, Solaris has supplied over 1800 vehicles to Italy.

# Daimler Delivers 24 Mercedes-Benz Coaches to Munich and Berlin



**Leinfelden-Echterdingen, Germany- Daimler Buses GmbH.,** delivered 24 Mercedes-Benz Tourismo 15 RHD touring coaches in the city of Neu-Ulm to Autobus Oberbayern GmbH., a bus and coach operator, from Munich and Bus-Verkehr Berlin KG., (BVB) from Berlin. Each company received 12 coaches for use as team buses in the upcoming major sporting event in 2024.

The Tourismo 15 RHD coaches feature a white exterior and a comprehensive safety package including ESP, ASR, BA, Adaptive Cruise Control, Active Brake Assist 4, Lane Assistant, Sideguard Assist, Attention Assist, and TPM. They also have electrically heated windscreen and mirrors, along with LED headlamps for enhanced visibility.

The Tourismo coaches are powered by a Euro VI Mercedes-Benz OM 470 engine and Mercedes Benz GO 250 8 PowerShift transmission. Inside, black and silver seating ensures comfort, along with a convector heater and EvoCool Basic air conditioning with antiviral filtration. Amenities include a galley with coffee machine, on-board toilet, and refrigerator. Entertainment is provided



**“ We're proud Autobus Oberbayern and Bus-Verkehr Berlin trust Mercedes-Benz buses again. Excited that 24 Tourismo 15 RHD coaches will debut at Germany's major 2024 sports event, transporting national teams. This trust is a win for Daimler Buses!**

**- Mr. Till Oberwörder,  
CEO**

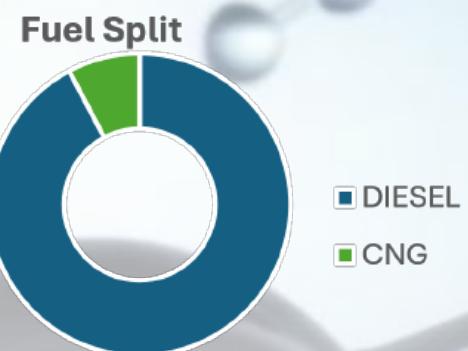
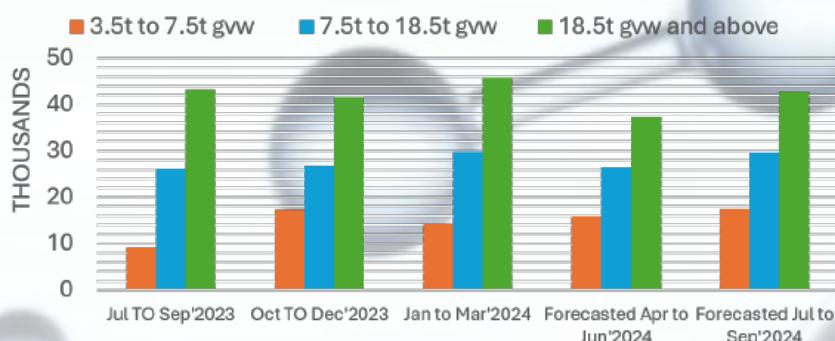


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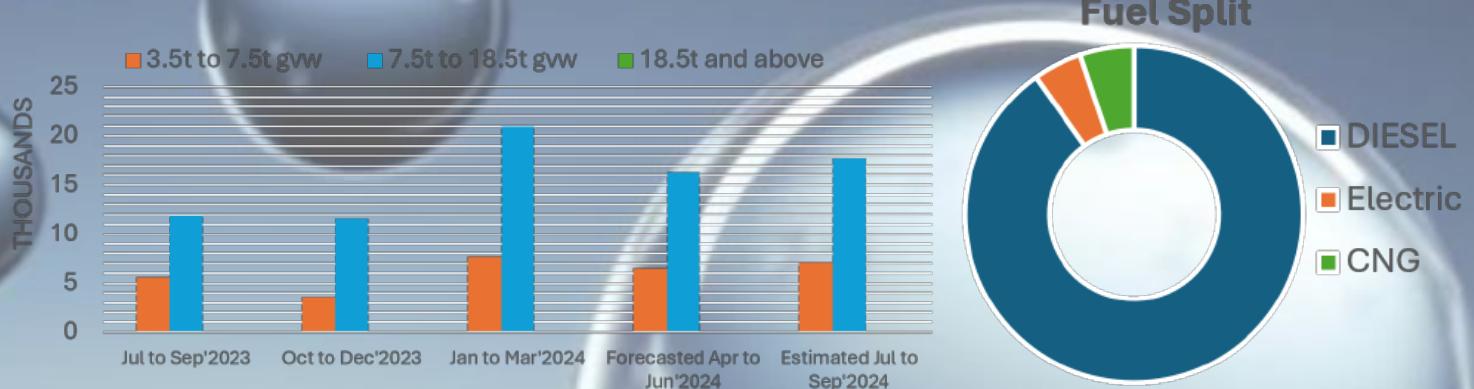
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