

BMGE 2025: Bosch Spotlights Innovations in Safety, Software, and Low-Emission Mobility

January 17, 2025

Corp/C/CGR-IN

CIN: L85110KA1951PLC000761

New Delhi, India – Bosch, a leading global supplier of technology and services showcases its innovative advancements towards the future of automotive sector at the Bharat Mobility Global Expo (BMGE) 2025, held from January 17–22. With a focus on state-of-the-art safety systems, advanced software solutions, and electrification breakthroughs, Bosch is presenting transformative solutions at two locations, aimed at shaping a safe, sustainable, and exciting tomorrow.

“The future of mobility will be defined by a decisive push towards electrification, more climate-friendly fuels, and seamless integration of AI-driven solutions. Bosch is spearheading this transformation, by being ready for a sustainable and digitally empowered future. Bharat Mobility Global Expo provides us with a platform to showcase our portfolio, foster collaboration and demonstrate our efforts in enabling technologies that will redefine how we move for years to come,” said Guruprasad Mudlapur, President of the Bosch Group in India and Managing Director, Bosch Limited.

Visitors to the Bosch pavilion at Bharat Mandapam (Pragati Maidan) can explore a range of cutting-edge solutions including:

- **Hydrogen Demonstrator Truck:** Showcasing Bosch’s advancements in hydrogen technology, this experiential vehicle represents the company’s efforts to accelerate zero-emission and sustainability-oriented mobility. In India, hydrogen engines present a promising alternative to diesel for long-haul trucks. Bosch has invested approximately \$2 billion in hydrogen technology globally, reinforcing its leadership in this domain.
- **Vehicle Motion:** Discover Bosch’s advancements in automotive safety technologies through features like Intelligent Turn Assist and Auto Vehicle Hold. While the former enhances maneuverability and safety during sharp turns or off-road conditions ensuring smoother, controlled turns, Auto Vehicle Hold adds convenience and safety during stop-and-go traffic conditions.

- **Software & Services:** Bosch is a pioneer in software-defined vehicle (SDV) innovation, driving the evolution of mobility. Experience its SDV expertise at the Expo via exciting live demonstrations of generative AI, advanced E/E architecture, cloud-native tools, and seamless on-device and cloud integration, integrating the user and the ecosystem as core elements of a personalized automotive experience.
- **Advanced Rider Assistance Systems (ARAS):** Get to know about Bosch's exciting, advanced rider assistance systems comprising of ACC (adaptive cruise control), forward collision warning and blind spot detection. Leveraging Bosch's radar sensor, brake system, engine management system and HMI (human machine interface), the system boosts rider awareness of their surroundings, contributing to increased comfort and rider reassurance.

At the Auto Components Show 2025 in Dwarka, Bosch is emphasizing on its hardware expertise by showcasing advanced EV components, diverse fuel injection equipment, sensors for various powertrains, braking systems, ADAS solutions and more coupled with an immersive experience around Bosch's manufacturing solutions. This exemplifies Bosch's capability to seamlessly integrate hardware and software, delivering end-to-end capabilities to cater to an ever-evolving mobility landscape.

“At Bharat Mobility Global Expo, we present a range of advanced solutions that reaffirm our commitment to shaping India's mobility future. From alternate powertrains to innovative safety solutions, software led capabilities, logistics and more, Bosch's offerings are leading the way in creating a safer, sustainable, and digitally connected mobility ecosystem. As the sector evolves, our dedication to providing customers with solutions tailored to their success remains unchanged”, said Sandeep Nelamangala, Joint Managing Director, Bosch Limited and President, Bosch Mobility India.

Contact person for press inquiries:

Ms. Somdatta Sen

Phone : +91 9833596410

Somdatta.sen@in.bosch.com

About Bosch in India

In India, Bosch is a leading supplier of technology and services in the areas of Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. Additionally, Bosch has in India the largest development center outside Germany, for end-to-end engineering and technology solutions. The Bosch Group operates in India through twelve companies: Bosch Limited – the flagship company of the Bosch Group in India – Bosch Chassis Systems India Private Limited, Bosch Rexroth (India) Private Limited, Bosch Global Software Technologies, Bosch Automotive Electronics India Private Limited, BSH Home Appliances Private Limited, ETAS Automotive India Private Limited, Robert Bosch Automotive Steering Private Limited, Bosch Mobility Platform and Solutions India Private Limited, Newtech Filter India Private Limited, Precision Seals Manufacturing Ltd and Miviv Engg. Technologies Private Limited. In India, Bosch set-up its manufacturing operation in 1951, which has grown over the years to include 17 manufacturing sites, and seven development and application centers. The Bosch Group in India employs over 39,769 associates and generated consolidated sales of about Rs. 37,912 crores (4.2 billion euros) in fiscal year 2023-24 of which Rs. 34,816 crores (3.8 billion euros) are from consolidated sales to third parties. Bosch Limited is the flagship company of the Bosch Group. It earned revenue of over Rs. 16,727 crores (1.86 billion euros) in fiscal year 2023-24.

Additional information can be accessed at www.bosch.in

The Bosch Group is a leading global supplier of technology and services. It employs roughly 429,000 associates worldwide (as of December 31, 2023). The company generated sales of 91.6 billion euros in 2023. Its operations are divided into four business sectors: Mobility, Industrial Technology, Consumer Goods, and Energy and Building Technology. With its business activities, the company aims to use technology to help shape universal trends such as automation, electrification, digitalization, connectivity, and an orientation to sustainability. In this context, Bosch's broad diversification across regions and industries strengthens its innovativeness and robustness. Bosch uses its proven expertise in sensor technology, software, and services to offer customers cross-domain solutions from a single source. It also applies its expertise in connectivity and artificial intelligence in order to develop and manufacture user-friendly, sustainable products. With technology that is "Invented for life," Bosch wants to help improve quality of life and conserve natural resources. The Bosch Group comprises Robert Bosch GmbH and its roughly 470 subsidiary and regional companies in over 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. Bosch's innovative strength is key to the company's further development. At 136 locations across the globe, Bosch employs some 90,000 associates in research and development, of which nearly 48,000 are software engineers.

The company was set up in Stuttgart in 1886 by Robert Bosch (1861–1942) as "Workshop for Precision Mechanics and Electrical Engineering." The special ownership structure of Robert Bosch GmbH guarantees the entrepreneurial freedom of the Bosch Group, making it possible for the company to plan over the long term and to undertake significant upfront investments in the safeguarding of its future. Ninety-four percent of the share capital of Robert Bosch GmbH is held by Robert Bosch Stiftung GmbH, a charitable foundation. The remaining shares are held by Robert Bosch GmbH and by a corporation owned by the Bosch family. The majority of voting rights are held by Robert Bosch Industrietreuhand KG. It is entrusted with the task of safeguarding the company's long-term existence and in particular its financial independence – in line with the mission handed down in the will of the company's founder, Robert Bosch.

Additional information is available online at www.bosch.com, www.iot.bosch.com, www.bosch-press.com.