

NEWSLETTER**MACHINERY & AUTOMOTIVE**

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**Smart driving reshapes trend at Auto Guangzhou**

The 23rd Guangzhou International Auto Show (November 21-30) displayed 1,085 vehicles, with electric models accounting for 58% (629 units), a sharp rise from 43.7% last year. China Passenger Car Association data shows Chinese brand passenger cars sold 1.55 million units in October (+4% YoY, 68.7% market share), with an average 65% share in Jan-Oct (up 5.5 percentage points). ([China Daily](#))

Fund for state owned enterprises in place to spur innovation

The special fund for strategic emerging industries launched in late October, with an initial size of US\$7 billion. In the first three quarters, sales revenue in robotics and drone manufacturing increased by 21.7%, and 69.8% year-on-year, respectively. The State-owned Assets Supervision and Administration Commission stated to prioritize support for key areas such as AI, aerospace and high-end equipment. ([China Daily](#))

China's electric vehicle charging facilities increased by 54% year-on-year by the end of October

Data from the National Energy Administration on November 19 shows China had 18.645 million electric vehicles (EVs) charging piles by the end of October (+54.0% YoY), while the National Development and Reform Commission's "Three-Year Doubling" action plan targets 28 million piles, over 300 million kW of public charging capacity to serve 80 million+ EVs by the end of 2027. ([China Petroleum Daily](#))

Battery tech progress to power EV sector's future

GAC is conducting small-batch tests on China's first large-capacity (60 Ah+ class) all-solid-state battery production line, which is expected to extend electric vehicles range from 500 km (with 20-40 Ah batteries) to over 1,000 km with mass production planned for 2027-2030. China's new all-solid-state battery equipment market is projected to reach \$352 million by 2027, with a CAGR of 122% through 2030. ([China Daily](#))

AI, electrification and charging aid China carmakers a growing edge over global rivals

Roland Berger report states that China's global leadership in automotive transformation stems from its advanced electrification, charging infrastructure, and AI-assisted driving. The new electric vehicles (EVs) launch cycle in China is 24-40 months (48-60 months in Europe). In 2024, eight of the world's top ten bestselling EVs came from China. The EV penetration rate has risen from 22% to 25% (12% in Europe). ([China Daily](#))