

NEWSLETTER

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Chinese Robot Maker Unitree Soars on Shanghai Market Debut

China's humanoid robotics sector is entering a commercialization phase, with Unitree's Shanghai listing highlighting rising market recognition. Chinese firms accounted for nearly 70% of global quadruped robot sales in H1 2026. Global humanoid robot shipments are projected to exceed 510,000 units by 2030, growing at about 95% annually, while downstream applications expand across manufacturing, inspection, security and services. **(Xinhua)**

China-Brazil Green Cooperation Expands Across Energy and Industry

China and Brazil are deepening green technology cooperation across energy and industrial sectors. A 1,468-kilometer ultra-high-voltage power transmission project developed by State Grid is expected to deliver over 20 billion kWh of clean energy annually from 2029. Meanwhile, Chinese companies are expanding localized manufacturing and solutions in smart energy, electric mobility and sustainable equipment in Brazil. **(Global Time)**

Chinese Scientists Find a Way to Boost Rice Yields While Shortening Growth Cycle

Chinese scientists identified a rare rice gene that shortens growth cycles while increasing yields. Improved varieties mature three to eight days earlier and yield 4–11 percent more. China produced 28.29 million tons of early rice in 2026, down 0.8 percent year on year, while planting area rose 0.03 percent. The gene could support multiple-cropping systems in southern China. **(Global Times)**

China Achieves Two-Way High-Speed Earth-Moon Laser Communication

China has established its first two-way high-speed laser communication link across more than 400,000 km between Earth and the Moon. The test achieved data rates of 1.25 Mbps uplink and 100 Mbps downlink, cutting transmission of an 8K lunar image from 4–5 minutes via microwave to about 12 seconds. The breakthrough supports future lunar exploration and crewed missions. **(CCTV)**

Smart Technologies Transform China's Urban Renewal

Chinese cities are deploying satellites, drones, Internet of Things (IoT) systems and robots to modernize aging infrastructure with minimal disruption. In Mianyang, non-excavation pipe repairs can cut labor costs by over 80%, while synthetic aperture radar (SAR) satellites scan urban areas every 11 days to detect millimeter-level ground deformation and identify building risks. **(Xinhua)**