

NEWSLETTER

HI-TECH & INNOVATION

14 – 20 September 2026



China Advances Efficient Utilization of Low-Grade Iron Ore

China has achieved a major industrial breakthrough in utilizing low-grade iron ore. A new project in Anshan can process 5.56 million tonnes of iron tailings annually, upgrading iron content from 11 percent to 65 percent. The technology achieves a 98-percent conversion rate and has secured 11 industrial projects, with annual processing capacity exceeding 15 million tonnes. **(Xinhua)**

Innovation Improves Grain Productivity and Black Soil Conservation

Northeast China is adopting integrated farming technologies to raise grain output while protecting black soil. A corn-wheat intercropping model increased farmers' net income by 270 yuan (about \$40) per mu in trials, with gains expected to reach 350 yuan (about \$49) this year. The approach also promotes straw return, soil conservation and potentially three annual harvests. **(China Daily)**

China's Robotics Industry Targets the Home Market

China's robotics companies are expanding from factories into consumer applications. Swancor Advanced Materials received 210 million yuan (about \$31.29 million) in advance payments for consumer embodied-AI robots in the first half of 2026 and invested 164 million yuan (about \$24.4 million) in R&D. A planned production line targets 10,000 units, signaling efforts to scale home robotics commercialization. **(China Daily)**

China's Manufacturing Ecosystem Supports Global Robot Growth

China's manufacturing ecosystem is strengthening its role in the global physical artificial intelligence (AI) industry. The Microduck robot, manufactured in China, generated over \$2.6 million in sales within 24 hours. Its Chinese supply chain integrates chips, sensors and electronics, while China accounted for a large share of more than 22,000 humanoid robots shipped globally in the first half of 2026. **(China Daily)**

China's Smart Mining Technologies Expand in Global South

China is exporting smart-mining technologies and integrated solutions to Global South markets. Since 2021, China has invested 107.1 billion yuan (about \$15 billion) in intelligent coal mining, with 1,066 smart mines completed by end-2025. Chinese mining equipment and AI-based inspection technologies are increasingly deployed in Ghana, Brazil and Southeast Asia. **(Xinhua)**