

NEWSLETTER

HI-TECH & INNOVATION

10 - 16 August 2026



Hangzhou Deploys Biomimetic Robotic Fish for West Lake Patrols

Hangzhou has introduced biomimetic robotic fish to patrol West Lake, supporting ecological monitoring and public safety. Developed with the Chinese Academy of Sciences, the AI-enabled robots operate for up to four hours, dive over 10 meters, and use underwater cameras and sensors to monitor water quality, biodiversity and recover lost items while minimizing disturbance to aquatic life. **(People's Daily)**

New-Generation Information Technology Accounts for 16.5 Pct of China's Total Valid Invention Patents

New-generation information technology, including AI, cloud computing and big data, accounted for 16.5% of China's valid invention patents by the end of June, according to the China National Intellectual Property Administration. China held 2.36 million high-value invention patents, or 16.8 patents per 10,000 people, with over 70% concentrated in strategic emerging industries. **(Xinhua)**

Lab Meets Real World at China's Robot "Vocational School"

China's first national pilot base for embodied AI applications in Hangzhou is training over 140 robots across 40+ real-world scenarios, including logistics, catering and agriculture. The facility helps companies reduce development costs, accelerate commercialization and improve robot performance through real-world testing, supporting China's push to expand embodied AI deployment. **(Xinhua)**

Harbin Accelerates Smart Robotics Industry Development

Harbin is accelerating the commercialization of smart robotics through research, industrial collaboration and policy support. Local companies have secured major industrial orders, including over 200 million yuan (about 28 million USD) for oilfield robotics. Authorities aim to expand the city's robotics sector to 150 companies with revenue of 10 billion yuan (about 1.4 billion USD) by the end of the 15th Five-Year Plan. **(Xinhua)**

China's Synthetic Diamond Exports Grow Rapidly

China's synthetic diamond exports continued to expand, with exports through the Shanghai Diamond Exchange reaching 1.41 billion yuan (about 197 million USD) in the first half of 2026, up 65.3% year on year. China accounts for over 60% of global synthetic diamond output, while applications are expanding from jewelry to semiconductors, artificial intelligence (AI), lasers and quantum technologies. **(Xinhua)**