

NEWSLETTER

HI-TECH & INNOVATION

27 July – 2 August 2026



China's AI Solutions Support Development Across the Global South

China is expanding AI cooperation with developing countries through affordable, practical solutions in agriculture, energy and disaster prevention. In Cambodia, AI-powered smart farming has more than tripled annual shrimp farming income per hectare, while China's MAZU early-warning system has been deployed in countries including Pakistan, Ethiopia and Djibouti to strengthen climate resilience and disaster preparedness. **(Xinhua)**

Initiatives Boost Early Weather Warnings

China launched AI-powered meteorological initiatives at WAIC 2026 (17-20 July, Shanghai), including an AI weather satellite toolbox and an upgraded early warning system for Djibouti. The new system improves forecast resolution from 9 km to 3 km and provides three-day forecasts updated every six hours. China also established the world's first bilateral AI meteorology laboratory with Thailand. **(China Daily)**

High-Tech Solutions Transform China's Mountain Tourism

AI-powered technologies are reshaping mountain tourism in China. At Mount Tai, robotic dogs transport supplies and waste, carrying 30–45 kg per trip, while 1.8-kg climbing exoskeletons reduce physical effort by over 30%. Similar high-tech solutions, including AI travel assistants and drones, are also being deployed at Mount Huangshan and other scenic destinations. **(Xinhua)**

BCI Industry Booms in Bengbu, East China's Anhui

Bengbu in east China's Anhui Province is accelerating development of its brain-computer interface (BCI) industry by integrating research institutes, hospitals and enterprises. The city has built an innovation ecosystem supporting both R&D and clinical applications, including Anhui's first semi-invasive BCI surgery completed in April 2026, as it aims to become a leading BCI hub in the Yangtze River Delta. **(Xinhua)**

China Launches Advanced Heavy-Ion Accelerator for Scientific Research

China has begun trial operations of the High Intensity Heavy-ion Accelerator Facility (HIAF) in Guangdong. The facility features the world's highest pulsed heavy-ion beam intensity. During commissioning, oxygen and bismuth ion beam intensities reached 3 and 7.5 times previous international records, supporting research in nuclear physics, space, energy and medicine. **(Xinhua)**