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China Launches Education Alliance for Urban Renewal

The Chinese Ministry of Education [launched](#) a nationwide innovation programme called the ‘National Urban Renewal Industry-Education Integration Community’ in Shanghai on 12 June. The overall goal is to [build](#) a strong education nation, implement the requirements of the Central Urban Work Conference and the National Service Industry Conference and coordinate the integrated development of education, science and technology, and talent. It aims to promote deep integration and collaborative progress between industry and education, and to explore effective pathways for building an industry-education integration community.

Speaking at the inaugural event, Chinese Minister of Education Huai Jinpeng [pointed out](#) that integrating urban renewal with the development of the national service industry is a crucial lever to accelerate the integration of industry and education and to promote the high-level development of vocational education, thereby achieving common prosperity. He urged the industrial and education sectors to seize the opportunity to jointly promote the construction of modern, people-oriented cities and the high-quality development of modern service industries, contributing to building a strong nation in education, talent, and manufacturing.

At the meeting, representatives from the leading units of the National Urban Renewal Industry-Education Integration Consortium –China State Construction Engineering Corporation, Tongji University, and Shanghai Urban Construction Vocational College – delivered presentations. It also released three lists: talent needs, technology needs, and major tasks in the field of urban renewal, as well as competency maps for 31 key positions.

Thirty-two university-enterprise units signed cooperation agreements, resulting in 10 major university-enterprise cooperation projects in urban renewal, including green energy, urban governance, intelligent construction, ecological restoration, revitalisation of historical districts, low-carbon operation and maintenance, and public facility construction. These projects will help deepen and solidify the consortium's development.

Scientific Collaboration Projects

Based on the theme “Digital Intelligence Empowering Education, Silk Road Connecting the Future”, the 2026 edition of the China–Central Asia Industry–Academia–Research Cooperation Conference was [convened](#) in Urumqi from 25-26 June. This high-level international conference brought together representatives of higher education institutions, research centres, government

agencies, and industrial enterprises from China and Central Asian countries to strengthen scientific and educational cooperation and promote the application of modern technologies.

Addressing the gathering, Chinese Vice Minister of Education Ren Youqun [assured](#) that efforts will be made to advance high-quality talent cultivation, deepen digital and AI-enabled education, and expand people-to-people exchanges through multiple channels, thereby bringing China–Central Asia educational cooperation to a higher level.

The primary [objective](#) of the conference was to expand scientific and academic cooperation with higher education institutions in the People's Republic of China and Central Asian countries, study advanced practices in the digital transformation of education, and strengthen collaboration in scientific research, academic exchange, and the implementation of joint educational and applied projects.

During the conference, participants discussed key issues related to strengthening cooperation between universities and industry, integrating research with production, applying digital technologies in education, promoting innovation, conducting joint research and implementing scientific achievements in practice. In addition, productive meetings were held with representatives of universities and research institutions from

China and Central Asia to explore opportunities for future collaboration in faculty and student exchanges, international projects and joint research initiatives.

Meanwhile, during the 9th China-Eurasia Expo in Urumqi, Xinjiang Uyghur Autonomous Region, an agreement on the launch of a ‘Tianwu Constellation’ was [signed](#), aiming to develop a satellite constellation to share remote-sensing data and tackle common threats, such as earthquakes, agricultural pests, and glacial floods, with the signing member states. Scientists from Kazakhstan, Uzbekistan and Tajikistan attended the signing ceremony and expressed confidence that the joint project would bring mutual benefits.

The project is more than a satellite deployment; it is an air-space-ground integrated system that operates through intelligent coordination. According to the agreement, satellite data collected over the region will be processed by a computing centre in Xinjiang, where artificial intelligence (AI) models will be developed for geological disaster prediction, agricultural pest detection, and glacial melt monitoring.

Scientific Research Breakthroughs and Discoveries

The China National Nuclear Corporation (CNNC) [announced](#) a breakthrough in the development of a critical material for

silicon-based quantum chips, which will bolster frontier science and technology. A team from the Research Institute of Physical and Chemical Engineering of Nuclear Industry (RIPCENI), affiliated with the China Nuclear Energy Industry Corporation under CNNC, has for the first time achieved independent mass production of the silicon-28 isotope with an abundance exceeding 99.99 per cent. The advancement will facilitate the independent development of core materials for silicon-based quantum computing in China and bolster the development of advanced semiconductor manufacturing processes, high-end navigation, and measurement benchmarks.

China Science Diplomacy

To boost global scientific data sharing, the Chinese Academy of Sciences (CAS) officially [launched](#) 'Data Express', China's first English-language academic journal dedicated to data papers. The purpose is to establish a 'China hub' for global scientific data exchange and address challenges in making high-value research data findable, shareable, and reusable. It aims to fill a gap in China's high-end scientific publishing landscape. Data Express is part of a larger plan in which, within a year, the CAS intends to introduce a cluster of specialised data journals in fields such as physics, ecology, biomedicine, and engineering. This "Data Express" journal cluster will transition China's approach from individual exploration to leading

international collaboration in scientific data sharing. This announcement marks a significant step towards opening China's scientific data to the world.

In light of the Ebola outbreak, the Chinese Centre for Disease Control and Prevention [dispatched](#) a medical expert team to the Democratic Republic of the Congo (DRC). The expert group will also conduct training on epidemic prevention and treatment for local medical institutions, the Chinese medical team, Chinese embassies and consulates, Chinese enterprises, and overseas Chinese citizens.