

NEWSLETTER

BUILDING & INFRASTRUCTURE

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China Completes Expansion of Xi'an Xianyang International Airport Hub

Engineers completed construction on the major expansion of Xi'an Xianyang International Airport in August 2026, adding a new mega-terminal and two extra runways. Designed as a central aviation hub for the Belt and Road Initiative, the upgraded infrastructure boosts passenger capacity to 83 million annually while integrating smart logistics systems and low-carbon building technology. **(Xinhua)**

Shenzhen Opens Autonomous Metro Extension Connecting Major Tech Hubs

Shenzhen expanded its urban rail infrastructure in late July 2026 with the opening of a fully automated, driverless metro line extension. Spanning 22 kilometers, the new line connects major high-tech districts with suburban residential zones. Featuring smart energy management and automated station facilities, the project accelerates sustainable transit and reduces traffic congestion across the metropolitan area. **(China Daily)**

China Grid-Connects Mega Deep-Water Offshore Wind Infrastructure

China successfully grid-connected a landmark offshore wind power project off the coast of Guangdong province in August 2026. Equipped with giant 18-megawatt typhoon-resistant turbines and ultra-deep floating foundations, the marine energy infrastructure generates over 3 billion kilowatt-hours annually, supplying clean power to the Pearl River Delta industrial hub and supporting regional grid decarbonization. **(CGTN)**

Record-Breaking Suspension Bridge Completed for Sichuan-Tibet Expressway

Construction teams finalized the main structure of a high-altitude suspension bridge along the Sichuan-Tibet Expressway corridor. Spanning a deep mountain canyon, the engineering milestone significantly shortens transport times across rugged southwestern terrain. Built with advanced earthquake-resistant materials, the bridge enhances logistics resilience and supports rural revitalization across highland communities. **(Ministry of Transport)**

China Accelerates Green Data Center Infrastructure in Western Provinces

Under the national "Eastern Data, Western Computing" strategy, China launched ten ultra-large green data center facilities in Guizhou and Inner Mongolia. Designed with liquid-cooling infrastructure and direct renewable energy links, these facilities process massive computing workloads for eastern coastal cities while establishing low-carbon standards for industrial digital infrastructure construction. **(NDRC)**