

NEWSLETTER

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China Rolls Out Nationwide Zero-Waste City Construction Guidelines

China unveiled a comprehensive set of guidelines to advance “zero-waste city” initiatives across hundreds of counties and districts. The plan emphasizes reducing landfill dependency through enhanced industrial solid waste recycling and stricter construction debris management protocols. Local authorities are tasked with piloting innovative waste-to-resource models in industrial parks and urban communities alike. **(Ministry of Ecology and Environment)**

China Launches Cross-Regional Carbon Market Expansion Pilot

Regulators have initiated a pilot program extending carbon trading mechanisms to cover cross-provincial industrial clusters in key economic belts. The scheme integrates steel, cement, and chemical sectors under unified emissions monitoring systems to improve market liquidity and pricing efficiency. Analysts suggest the move addresses regional disparities in carbon reduction costs and encourages technology transfer. **(Ministry of Ecology and Environment)**

China Starts Operation Of Ultra-High-Voltage Green Energy Transmission Corridor

An advanced ultra-high-voltage direct current transmission line dedicated to delivering renewable power from western regions to coastal demand hubs has entered full operation. The corridor links vast wind and solar bases directly to major manufacturing centers, minimizing transmission losses over long distances. Grid operators report the project will displace millions of tons of coal consumption annually. **(National Energy Administration)**

China Issues Technical Code For Hydrogen Refueling Stations In Transportation Sector

China released a new technical code governing the design, construction, and safety management of hydrogen refueling stations. The standard covers storage pressure limits, leak detection systems, and emergency response procedures to ensure safe integration with existing fuel networks. Industry stakeholders anticipate the code will remove regulatory uncertainty and accelerate commercial deployment. **(National Energy Administration)**

China Unveils Marine Plastic Waste Tracking And Recycling Initiative

China launched a nationwide program to monitor and recover marine plastic waste using satellite remote sensing and AI-enabled identification systems. Coastal cities will establish specialized collection vessels and shore-based sorting facilities to intercept debris before it reaches open seas. Pilot zones report measurable reductions in nearshore microplastic concentrations following early deployments of the technology. **(Ministry of Ecology and Environment)**