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China Releases White Paper on Global Governance

China's State Council Information Office on Wednesday released a white paper titled "More Just and Equitable Global Governance: China's Principles, Proposals and Actions."

The white paper was published to introduce China's principles, proposals and actions on global governance, foster broader consensus within the international community, ensure more effective responses to global challenges, and build a more just and equitable global governance system.

Global governance is a common endeavor that bears on the well-being of all humanity, and building a just and equitable global governance system is a shared vision long pursued by people from across the world, the white paper said, adding that China has always been an active participant in, contributor to, and builder of global governance.

In the new era, President Xi Jinping put forward the vision of building a community with a shared future for humanity. In promoting a global governance system characterized by extensive consultation and joint contribution for shared benefit, he has called for true multilateralism to foster an equal and orderly multipolar world and a universally beneficial and inclusive economic globalization, according to the white paper.

In 2025, Xi proposed the Global Governance Initiative (GGI), which is designed to offer a Chinese solution to the two pressing questions of the era: what kind of global governance system should be established, and how global governance can be reformed and improved.

Upon its introduction, the GGI swiftly gained support from nearly 160 countries and international organizations, with over 60 countries joining the Group of Friends of Global Governance. The international community believes that the GGI sends a clear signal: uphold multilateralism, unite forces, and pursue a fair future, the white paper said.

The GGI aligns with the growing trend towards greater democracy in international relations and bolsters international confidence in practicing multilateralism. It offers a clear and feasible roadmap for improving global governance, bringing valuable stability and positive energy to a turbulent world, according to the white paper.

China has proposed the GGI to expedite the building of a more just and equitable global governance system. Resolutely upholding the UN's authority and status is fundamental to the effective implementation of this initiative, the white paper said. *See page 4*

New Graphic

WECHAT ACCOUNT E-PAPER

The photo shows a smart zero-carbon terminal of Tianjin Port in north China's Tianjin, June 16, 2026. (PHOTO: XINHUA)

STI Frontier

Birth of World's First Hybrid Cargo Drone

By Staff Reporters

The idea of drones delivering goods that could be delivered by truck and using auto hybrid power technology to do it, sounds a bit crazy, right? However, this is exactly what a young team from the 11th Academy of the China Aerospace Science and Technology Corporation (CASC) has developed.

Cargo capacity vs aerodynamics

In early 2024, when the low-altitude economy first featured in China's government work report, a young team at the 11th Academy of CASC saw a clear need: cheap, rugged drones for logistics operations in rural and remote areas. They set bold targets, including a 1,000 km range and a 1,000 kg payload, and named their vehicle YH-1000 ("YH" comes from the Chinese pinyin initials of *yun huo*, meaning cargo transport).

Cargo planes need wide bodies. However, wind tunnel testing of wide-fuselage designs proved highly challenging. Drag soared, fuel consumption spiked, and airflow became unstable. "Capacity and aerodynamics were both problems we had to solve," said aerodynamicist Mu Weihao.

After more than a dozen rejected designs, they invented a streamlined wide body shape, narrow at nose and tail, wide in the middle, and with carefully blended wing body junctions. They burnt the midnight oil in the lab and wind tunnel, surviving on instant noodles. Finally, on the sixth trial, the new design passed perfectly.

By early 2025, field trials began in a harsh, sandstorm prone base. After five grueling months, team member Wang Qinhe piloted the YH-1000 on a flawless first flight.

Auto hybrid tech takes off

Even as the YH-1000 succeeded, customers asked for an emergency release function. So the team went back to the drawing board and began a parallel upgrade: the YH-1000S. It is designed to handle a 3.3-ton takeoff-weight and ultra-short-distance take-offs and landings at high altitudes. The more advanced functions require higher engine performance.

Conventional four-cylinder aero-engines produced just over 100 kW, which proved too weak unless they used four of them. And, while only two six-cylinder or turboprop engines could do the job, each carried a multi-million-dollar price tag. The team was trapped between performance and cost.

Then, after researching traffic issues, engineer Lei Qianqian had an epiphany. Why not use automotive hybrid tech? *See page 2*

China-South Asia Expo Brings Mutual Benefit to Both Sides

By QI Liming

China and South Asian countries share close geographical proximity and a long history of interaction, with trade and cultural exchanges spanning thousands of years.

The China-South Asia Expo, held annually in Kunming, Yunnan province in southwestern China, is a key platform for expanding economic and trade cooperation between both sides, facilitating supply-demand connections and unleashing bilateral trade potential. The 10th China-South Asia Expo was held from June 11 to 16.

"The original intention behind the establishment of the expo was to address the concerns of South Asian countries regarding the need to increase exports to China, and to demonstrate China's efforts and sincerity in increasing imports," Wang Liping, director of the Department of Asian Affairs at the Chinese Ministry of Commerce (MOC), said.

Data from the MOC shows that in the first quarter of this year, China's trade volume with South Asian countries reached 60 billion USD. Exports increased by 12.6 percent, while imports rose by 35.3 percent. The growth rate of imports was significantly higher than that of exports. Specifically, import volumes from Afghanistan, the Maldives and Bhutan doubled.

In 2025, the trade volume between China and South Asia surpassed 200 billion USD, growing by 10.7 percent year on year. Currently, China is the largest trading partner of India, Pakistan, Bangladesh, Sri Lanka, and the Maldives. Through the expo as an important link, two-way investment and infrastructure cooperation between the two sides have deepened and solidified.

Since the first edition in 2013, the expo has expanded in scale, upgraded in quality, and expanded its influence, rising from a regional exhibition to an international event. The number of exhibition halls has increased from six to 16, and the exhibition area from 50,000 square meters to 160,000 square meters.

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International Cooperation

Vietnam Landfills Fuel Green Power Grid

By GONG Qian

On the outskirts of Hanoi, capital of Vietnam, a once foul-smelling waste dumping site has been transformed into a modern waste-to-energy plant. Around 5,000 tonnes of waste are processed there every day to generate clean electricity for local households.

China Tianying (CNTY) Inc. invested in and built the plant in Soc Son district, Hanoi, and after operations commenced in August 2019, it was officially connected to the power grid in July 2022. As Vietnam's largest and the world's second-largest waste incineration power project, it has ended Hanoi's long-term reliance on landfills for waste disposal.

Previously, most waste in the city was transported to landfills, which continued to expand and encroach on surrounding residential areas. In summer, swarms of mosquitoes and flies plagued the adjacent neighborhoods, causing widespread respiratory diseases among local residents. The unpleasant odor has now become a thing of the past.

The plant uses advanced waste incineration and emission purification technologies, with exhaust gas, wastewater and solid residues meeting or exceeding Vietnamese national standards, as well as EU environmental standards.

The project has greatly improved living conditions for those living nearby. Today, the plant features a clean and orderly environment with no black smoke coming out from the chimneys. Moreover, the residue from waste incineration is recycled into unfired bricks for construction purposes.

The project has also created stable local employment. Pham Thanh Phuong, a Vietnamese engineer at the plant's technical department, said that he had no knowledge of Chinese language and waste-to-energy incineration technology when he first joined the team. Later, he learned equipment parameters, operating procedures and professional terminology from Chinese experts. In his view, China's green technologies have empowered local workers with practical professional skills.

Tran Sy Thanh, mayor of Hanoi, spoke highly of CNTY's contribution to Hanoi's economic and social development, in a meeting with company officials. He noted that the project serves as a successful model of Chinese investment in Vietnam and has effectively addressed the city's waste issue.

With years of experience and technological innovation, Chinese enterprises have been sharing solid waste treatment and new energy solutions to advance practical green cooperation between China and Vietnam.

WEEKLY REVIEW

Commercial Rocket Sends Satellites into Orbit

The Lijian-1 Y14 carrier rocket was launched from the Dongfeng commercial space innovation pilot zone in northwest China on June 15, sending eight satellites into the planned orbit.

Breakthrough in Key Material for Quantum Chips

China has for the first time achieved independent mass production of silicon-28 isotope with an abundance exceeding 99.99 percent. It is a critical material used in silicon-based quantum chips that will bolster frontier science and technology.

Copper Drug Clears Toxic Alzheimer's Proteins

Researchers at Melbourne's Monash University have identified a promising new approach to tackle Alzheimer's disease. In laboratory studies, they found that a copper-based drug not only reduced the buildup of toxic proteins linked to the disease but also improved long-term spatial memory.

NASA Satellites Spot Signs of El Niño's Return

NASA satellites have detected a vast pulse of warm water reaching the coast of South America, signaling that El Niño is likely developing. El Niño can reshape weather patterns worldwide, bringing floods, droughts and temperature extremes.

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