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## China GEO Takes Over the Lead Co-chair for 2024

By FU Lili & LIANG Yilian

At the Group on Earth Observations (GEO) Week 2023 held in Cape Town, South Africa, from November 6 to 10, on the theme "The Earth Talks," China took over the Lead Co-chair for 2024 to preside over next year's work.

China will continue to promote GEO's key work in 2024, including drafting the implementation plan of GEO's Post 2025 Strategy, implementing the 2023-2025 Work Programme, strengthening the participation of developing countries, and bridging the widening digital divide between developed and developing countries.

In his keynote speech at the GEO Week 2023 Ministerial Summit, Zhang Guangjun, vice minister of China's Ministry of Science and Technology and GEO co-chair, spoke on narrowing the digital divide between the Global North and South by sharing China's endeavors and achievements in Earth observation.

He called on the GEO community and its partners to work together to create an open, inclusive, equitable and non-discriminatory Earth observation landscape and sound digital economy environment.

Zhang said GEO should promote the connectivity of Earth observation infrastructure, ensure the smooth flow of geo-spatial information and promote synergy of development philosophies among all parties holding fast to inclusiveness and mutual learning.

He also encouraged GEO to enhance people-to-people exchanges among countries and all stakeholders, and jointly promote stronger, greener and healthier global development.

Chinese experts gave details about China's latest research achievements in Earth observation, and shared remote sensing datasets for global ecological environment monitoring. The data is expected to provide decision-making references for sustainable development of the Asia-Oceania region and the international community.

Eleven ministerial representatives attended GEO Week and nearly 1,000 representatives from the United States, the European Commission, South Africa, the GEO Secretariat as well as other GEO members, participating organizations and associates took part in the activities during the week.



The Phase I project of Bozhong 19-6 Gasfield, the first 100 billion cubic meter gasfield in Bohai Sea, has been successfully put into operation, marking a new stage in the development of deep complex hydrocarbon reservoirs in China. (PHOTO: XINHUA)

## Editor's Pick

## Green Electricity Shines at CIIE

By ZONG Shihan

Bright lights blazing, large screens flashing and electric vehicles on the move — the National Exhibition and Convention Center (Shanghai) shone brightly as it played host to the 6th China International Import Expo (CIIE) from November 5 to 10.

The power source behind every light, screen and electric vehicle in the venue was green energy, providing irrefutable proof that China is witnessing the development of an energy revolution.

### Green electricity marketing

Green power refers to electricity produced with zero or near-zero carbon dioxide emissions in the production process, mainly derived from renewable energy sources such as solar and wind power.

The 6th CIIE bought eight million kilowatt-hours of green electricity from East China's Anhui province through green electricity trading, covering all of the electricity consumption requirements at the expo. This marks the first

time that the CIIE has been fully powered by green energy, reducing carbon dioxide emissions by about 3,360 metric tons.

In September 2021, China officially launched a pilot project for green electricity trading. Guiding green electricity consumption in a market-oriented manner distinguishes a group of electricity users who are willing to take on more social responsibilities. They can directly trade with wind and photovoltaic power generation projects, increasing economic and environmental benefits.

In addition, according to China's policies, compared with traditional power generation, green power has priority in power grid dispatching, execution and settlement.

The emergence of green electricity trading created a bridge between the 6th CIIE in Shanghai, which had a demand for green electricity, and Anhui, which is rich in green electricity resources.

Since November 1, green electricity from several clean energy power generation companies in Anhui has been direct-

ly sent to the National Exhibition and Convention Center in Shanghai to power the 6th CIIE.

### Electricity saving

How to maximize the use of green electricity from outlying areas and ensure the smooth and safe use of electricity during the CIIE was a major challenge. To address this issue, the expo synchronized green energy sources with the intelligent power supply safeguard system, known as the "energy brain," to achieve safe, stable, and efficient green energy consumption.

A total of 3,943 data collection sensors across the venue served as neural tentacles of the "energy brain." Based on the intelligent Internet of Things architecture, these sensors analyzed real-time energy usage in the venue to support the development of energy-saving measures for lighting systems, air conditioning systems and advertising equipment, improving the low-carbon and energy-saving management level of the venue.

See page 2

## China Established as a Major IPRs Country

By Staff Reporters

China's ranking in the Global Innovation Index 2023 (GII 2023), released by the World Intellectual Property Organization, has risen to 12th place, and its number of the world's top 100 scientific and technological innovation clusters jumped to first in the world for the first time.

These indicators mean China's status of intellectual property rights (IPRs) is firmly established, according to Shen Changyu, commissioner of the China National Intellectual Property Administration, speaking on November 8.

The GI 2023, published on September 27, shows the pulse of global innovation trends in the current economic environment. It reveals the ranking of this year's most innovative economies in the world amongst 132 economies and localizes the top 100 science and technology innovation clusters.

Shen said that as of September 2023, China's effective invention patents and trademark ownership had reached 4.805 million and 45.122 million respectively, and its annual registration of copyright reached 6.353 million in 2022. The country's Patent Cooperation Treaty interna-

tional patent applications ranked first in the world for four consecutive years.

At the same time, the transformation and utilization of intellectual property rights in China has continued to be strengthened. According to Shen, "The formulation and implementation of a special action program on transforming and utilizing patents is accelerating."

Shen also said that the added value of patent-intensive industries and copyright industries accounted for 12.44 percent and 7.41 percent of GDP, which strongly promoted the high-quality development of the economy.

## International Cooperation

## BRI Drives Economic Diversification in Caribbean

By Staff Reporters

About 30 kilometers south of the Port of Spain, the capital of the Caribbean country of Trinidad and Tobago, lies Phoenix Park Industrial Estate, a state-of-the-art light industrial estate set up to stimulate economic development. Recently completed by China's Beijing Construction Engineering Group, Phoenix park becomes the first project of Belt and Road Initiative (BRI) cooperation in the Caribbean region.

Phoenix park is positioned as a high value-added, environmentally-friendly light industrial estate. In response to the long-term dependence on oil and gas resources, the government of Trinidad and Tobago has been actively promoting economic diversification and transformation, placing emphasis on the development of non-energy industries.

Equipped with modern technology, Phoenix park uses AI tools and high-speed Internet connectivity for better installation management, energy efficiency and environmental protection. In addition, it has full access to water, electricity, and gas services, as well as an efficient wastewater treatment system and green belts.

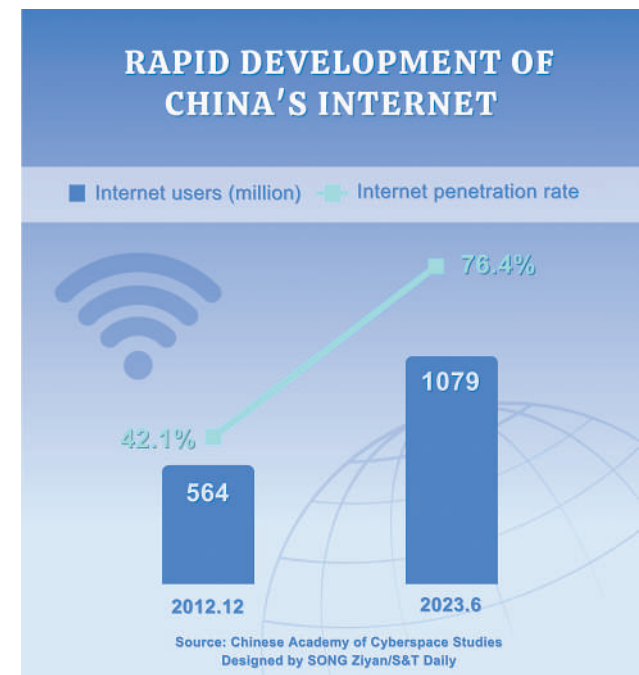
Operations began with Evolving Technologies and Enterprise Development Co., Ltd (e TecK), a state company under Trinidad and Tobago's Ministry of Trade and Industry.

Daniel Duncan, vice president of e TecK, noted that it is vital for Trinidad and Tobago to extend investment opportunities beyond the energy and gas sectors. "As the country is striving towards diversification and not [be] dependent on oil and gas only, these types of development are critical to Trinidad and Tobago, hence the reason for Phoenix Park Industrial Estate," he said.

"The initiative is a significant project from the point of view of both countries. For China, it represents investments into another country, and for us, that assistance facilitates our development," said Paula Gopee-Scoon, the trade and industry minister of Trinidad and Tobago.

Trinidad and Tobago was the first Caribbean country to sign the Belt and Road cooperation agreement with China. In recent years, the two sides have witnessed increasing economic, trade, and personnel exchanges. Amidst global uncertainty and turmoil, Gopee-Scoon emphasized the importance of unity and solidarity for collective progress and the creation of a community with a shared future.

## New Graphic



WECHAT ACCOUNT



E-PAPER

