

World Media Should Be Communicators of People-to-People Bonds

Edited by Staff Reporters

President Xi Jinping sent a congratulatory letter to the fourth World Media Summit (WMS), which was held in Beijing on November 22.

In his letter, Xi expected world media to better shoulder social responsibilities, build up consensus, and promote

the development of a community with a shared future for humanity.

Participants from foreign media said the letter has given a significant guidance for world media to deepen exchange and cooperation.

Xi's letter resonated well with presidium members and other speakers, said Narasimhan Ram, director of The

Hindu Publishing Group.

Avtandil Otinashvili, chief editor of Georgian Newsday Information Agency, said that President Xi's letter clarifies the common concerns of global media and injects vitality into the world's media to shoulder their responsibilities and strengthen exchanges and cooperation under the new situation.

Múcio Aguiar, president of Brazil's Pernambuco Press Association, agreed with Xi's underlining of being communicators of people-to-people bonds and promoters of humanities exchanges, and contribute to championing the shared values of humanity and promoting the development of a community with a shared future for mankind.

Julio Villagran, director of channel TVX of El Salvador, believed that it was very important that Xi's letter focused on the nature of the mission of today's world media.

Serik Korzhumbayev, editor-in-chief of Delovoy Kazakhstan newspaper, said that since the first WMS in 2009, the platform has witnessed a con-

tinuous strengthening of media cooperation.

Kochetkov, first deputy editor-in-chief of the Rossiya Segodnya news agency (Russia Today), believed that the media plays an important role in shaping public opinion. It can promote dialogue on the basis of tolerance and mutual respect, and has a significant and far-reaching impact on relations between people and nations.

Savious Kwinika, editor-in-chief of the South Africa-headquartered CAJ News Africa, said that in this era, media can use social media platforms to enhance communication with the public, adding that the role of media is to provide information objectively, fairly and accurately.

Organized by Xinhua News Agency, the fourth WMS was attended both online and offline by nearly 400 people representing more than 260 media and institutions from nearly 100 countries and regions.

Source: XINHUA



The fourth World Media Summit opens in Beijing, capital of China, Nov. 22, 2021. (PHOTO: XINHUA)

Column



A glimpse of Xianlin University Town in Nanjing, Jiangsu province. (PHOTO: VCG)

Jiangsu: China's Sci-tech Powerhouse by Recruiting Talents Globally

By WANG Qin

Blessed with fertile farmland and abundant lakes and rivers, China's eastern Jiangsu province has been known as the "land of fish and rice" since ancient times. It boasts not only impressive natural beauty, but also a surging innovation momentum and undaunted pioneering spirit.

Despite covering just one percent of China's territory, Jiangsu is home to six percent of the country's population and produces 10 percent of the national GDP. In 2020, Jiangsu achieved a GDP of 1.5 trillion USD, reached an import and export volume of 645 billion USD, and had a foreign direct investment of 28.38 billion USD, all leading in the country. Jiangsu is called the "world's factory," with its manufacturing industry accounting for around one eighth of the national total and three percent of the global total.

As a leading province in science, technology and education, in 2020, Jiangsu invested more than 300 billion RMB in R&D, which was 12 percent of the national total, accounting for 2.93 percent of the province's GDP. There are more than 36 patents per 10,000 people in Jiangsu, the highest figure among all provinces in China. The province has 167 colleges and universities — ranking first in the country — and more than two million college and university students on campus. It is also home to 858 independent R&D institutions, and more than 900,000 scientists and engineers. Ranking among the top for regional innovation capacity for many years, Jiangsu has become one of the most dynamic, productive and innovative provinces.

Attracting talent from around the world

Jiangsu aims to attract talent from around the world and improve innovation through opening-up. We have jointly established an inter-governmental cooperation mechanism on industrial R&D with nine countries and regions, including Israel, the UK, Finland, Norway and Singapore. Up to now, more than 170 projects have been jointly supported. We have maintained extensive cooperation and exchanges with more than 70 countries and regions, and built the China-Israel Changzhou Innovation Park, the first of its kind between the two countries. In total, the province has issued more than 100,000 work permits to foreigners.

Providing research and innovation platforms

Jiangsu has made great efforts to build the Purple Mountain Laboratories,

Gusu Laboratory and Taihu Laboratory to attract talented foreign personnel. We have founded the Jiangsu Industrial Technology Research Institute (JITRI) based on a new and effective mechanism, and recruited around 200 project managers and more than 10,000 researchers from all over the world. JITRI has undertaken the Secretariat of the World Association of Industrial and Technological Research Organization, cooperated with the World Wildlife Fund in building the Global Green Technology Center, and collected nearly 600 technology solutions globally by demand-driven method.

Building a better eco-system for innovation

From 2008 to 2020, Jiangsu had successfully hosted "China Jiangsu Conference for International Technology Transfer and Commercialization" seven times, attracting more than 2,000 representatives of overseas innovation institutions from more than 40 countries and achieving over 700 cooperation intentions. Demonstration zones for intellectual property rights (IPR) protection were piloted in the province, establishing seven high-level national IPR protection centers. An annual talent recruitment program was launched, which has attracted more than 1,700 experts to Jiangsu. In total, 327 foreign experts have been awarded the Jiangsu Friendship Award. Nanjing, Suzhou and Wuxi have been on the list of the "Most Attractive Chinese Cities for Foreigners."

During the 14th Five-Year Plan period, we are speeding up the development of Jiangsu into a sci-tech powerhouse. We will launch an action plan to bring talent from all over the world, and create more opportunities for talent development. We will further expand international collaboration by integrating into the global innovation network, strengthening international exchanges and cooperating in the areas of technology, talent and platform, which will also improve our research and innovation capability through high-level opening-up. In addition, the province seeks to further improve the innovation environment, tighten regulations on IPR protection, and provide foreign talent with high-quality services to start businesses and realize their potential.

We sincerely welcome experts from around the world to pursue their careers in Jiangsu, and work together to achieve mutually beneficial cooperation.

WANG Qin is Director-General of Department of Science and Technology of Jiangsu Province.



China has been boosting green development by promoting clean energy in recent years. Electricity workers patrolling amid a photovoltaic and wind power generation project installed above the fishery waters in Baoying County of Yangzhou, Jiangsu Province. (PHOTO: XINHUA)

Promoting Industrial Upgrades with 5G Technology

By WANG Xiaoxia

The recent 2021 China 5G + Industrial Internet Conference held wide ranging discussions on the wider application, innovation and key attributes of 5G + industrial Internet, to lay a solid foundation for the development of the digital economy and the smart upgrade of traditional industrial sectors with 5G technology.

The national level conference, joint-

ly hosted by the Ministry of Industry and Information Technology (MIIT) and the People's Government of Hubei Province, ran from November 19 to 21 in central China's Wuhan.

Vice Premier Liu He made remarks in a written address to the conference, that the authorities should make good use of the country's advantages in 5G network and its rich application scenarios, to improve weak links in the industrial Internet and explore disruptive ways

to tackle the issues facing the industrial sector.

He also called on financial institutions to step up support for innovation among companies and explore the use of digital technology for credit enhancement to ease the financing difficulties of small and medium-sized enterprises.

During the conference, MIIT released the country's second batch of key industries and application scenarios,

ranging from logistics monitoring to production traceability, for promoting the 5G+ industrial Internet sector.

Institutions and enterprises have also released important research results, covering multiple themes, including integration of the industrial Internet and steel industry, the industrial Internet and intelligent manufacturing industry development, the digital transformation of biomedical enterprises and 5G + smart healthcare.

Building Data Trading Platforms to Develop 5G + Industrial Internet

By ZHONG Jianli

China will accelerate the development of common standards for industrial data exchange, explore the building of data trading platforms, and improve the levels of data management and use, said Xiao Yaqing, minister of Industry and Information Technology at the China 5G + Industrial Internet Conference held in central China's Wuhan on November 20.

Xiao stressed the importance of strengthening technological innovation in enterprises to improve the use of industrial data resources, and explore new paths for the integrated development of 5G and industrial Internet.

The Ministry of Industry and Information Technology (MIIT) will focus on the supply of generic industrial technologies, maximize enterprises being inno-

vative, and achieve rapid R&D and industrialization in such fields as industrial modules, sensors and key software, said Xiao.

Enabling smart upgrading of various industries is the core role of 5G + industrial Internet development.

According to Han Xia, chief engineer of MIIT, the three major functional systems of industrial Internet — network, platform and security — have begun to take shape in China. More than 1.29 million 5G base stations have been established in the country. Breakthroughs have also been made in tackling technological difficulties of large-scale transmission and high-precision positioning.

More than 1,800 5G + industrial Internet projects and more than 100 influential industrial Internet platforms are under construction in China, according

to the statistics released by MIIT.

While the foundation for 5G + industrial Internet to enable the development of different industries is becoming increasingly stable, it is necessary to guide enterprises in investing more to ensure the security of 5G + industrial Internet applications, establish a classified and layered management system for industrial data and information, and strengthen the governance of industrial network data security.

The application scenarios for 5G + industrial Internet are also expanding. A host of typical scenarios, including production unit simulation, precise dynamic operation, production efficiency control, process compliance verification, and global logistics monitoring, have been applied in 22 key industries, such as mining, electric power, steel, ports,

and textiles.

Han Jun, general manager of China Three Gorges Corporation, said at the event that the company has applied 5G + industrial Internet to build two world-class giant hydropower projects in Wudongde and Baihetan.

By applying modern information technologies including 5G, the company created an intelligent dam construction platform where involving parties can collaborate with each other. And all core building processes such as pouring, temperature control and grouting are arranged intelligently.

The success of the Wudongde and Baihetan dams shows China has stepped into a new era of intelligent project management, which provides the world a Chinese solution for intelligent construction of major projects, said Han.

Digital Literacy and Skills Improvement on Fast Track

By LI Linxu

Digital technology has become an integral part of daily life and to meet the requirements of the new age, China is stepping up efforts to improve its people's digital literacy and skills.

By 2025, the digital adaptability, competence and creativity of the general

public will be significantly improved, and their digital literacy and skills are expected to be on par with that of developed countries, according to the goals of a new outline released by the Central Cyberspace Affairs Commission.

The document, titled the *Action Outline for Upgrading Digital Literacy and Skills of the General Public*, details

the country's main objectives and major actions towards building a digital society.

Although China is a big country in terms of the number of netizens, it still has a long way to go to become a cyber powerhouse. In the field of digital literacy and skills, it currently lags behind the leading developed countries.

Improving the digital literacy and skills of the general public is an inevitable course marching towards a cyber powerhouse, said an official from the Cyber Administration of China in a media response, adding that it is also an effective way to convert the demographic quantity dividend into demographic quality dividend.

Focusing on public demand, four application scenarios are highlighted in the outline, including digital life, digital work, digital study and digital innovation.

Family, community, travel and shopping are the high frequency application

scenarios for digital technologies and services. Smart home, smart community, smart travel and e-commerce are gaining momentum.

To raise the level of high-quality digital life, it is of great importance to improve the usability, accessibility and compatibility of digital devices, and to boost the general public's willingness and ability to use digital resources and tools, says the outline.

In the field of digital work, industrial workers, farmers, new occupation population and public servants are key groups. The outline puts forward a series of measures to improve their ability to learn and use digital tools.

Digital learning should be a life long course, emphasizes the outline, calling for establishing a whole-life digital learning system.

Enterprises will play a leading role in developing digital talents. At the same time, a data driven R&D paradigm will be explored.



The fourth Digital China Summit was held in Fuzhou, Fujian, this April. (PHOTO: VCG)