

2022

ANNUAL REPORT

UNIDO Investment and Technology
Promotion Office (ITPO) Beijing



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION





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2022 ANNUAL REPORT

Foreword



Prof. Wu Yabin
Head of UNIDO ITPO Beijing

Dear friends and colleagues,

ITPO Beijing, established in 1990, is now entering its 33rd year in China. During this period, China, as the largest developing country, has seen its industrial output of GDP growing from RMB 690 billion in 1990 to RMB 37 trillion in 2021. Since 2009, China has become the world's largest manufacturing country. In 1990, China's actual used foreign investment was only at \$10.1 billion, with its outward direct investment amounted to \$1 billion. In 2021, China's outward direct investment has exceeded \$178.82 billion and inflow \$173.48 billion, both ranking the second globally. China has achieved surpluses in outward foreign investment for years.

According to UNIDO's research, industrial capabilities and digitalization supported countries' resilience during the COVID-19 crisis. The post-pandemic era will be shaped by three megatrends: digitalization, power shifts and production greening. Countries with stronger manufacturing capabilities and more diversified industrial sectors could weather both the economic and the health impact of the COVID-19 pandemic better than their peers.

Through global forum, capacity building, investment and technology matchmaking, research & consulting, and partnership, ITPO Beijing has been supporting developing countries and economies in transition in recovering from the pandemic in a faster, better, greener and stronger way. In 2022, ITPO Beijing has focused on the following work:

• Major Events

In 2022, international interactions were halted by the COVID pandemic. In this context, ITPO Beijing made full use of opportunities offered by China's three major national platforms of opening-up: China International Fair for Trade in Services (CIFTIS), China International Import Expo (CIIE), China Import and Export Fair (Canton Fair), and other global investment and technology promotion activities such as China International Fair for Investment and Trade (CIFIT). Through holding forums, setting up booths, organizing matchmaking and roadshows, and supporting competitions, ITPO Beijing attracted more than 12.8 million participants to its online and offline activities.

In 2022, we supported a new Sustainable Development Award in Canton Fair Design Award and the Global Internet Competition of "Straight to Wuzhen". The 2022 CF Award has received more than 2,000 products from more than 1,000 organizations. A total of 103 products were selected as winners of the Sustainable Development Award, Best of the Best Award, Gold Award, Silver Award and Bronze Award. Among all the participants, Guangdong KITO Ceramics Group Co., Ltd. was the award winner of the Sustainable Development Award. With more than 1000 projects from 24 countries have signed up for the "Straight to Wuzhen" Competition, 1 grand prize project, 1 first prize project, 3 second prize projects and 34 third prize projects were chosen from seven categories including Digital Medicine, Digital "Emission

Peak and Carbon Neutrality" Targets, AI, Industrial Internet, Connected Vehicles, Cybersecurity Services and Digital Common Prosperity.

Moreover, ITPO Beijing has supported a variety of investment promotion and technology innovation activities, such as the World Manufacturing Convention, World Intelligence Congress, Global Digital Trade Expo, World Internet Conference Wuzhen Summit, BRICS High-level Forum on Sustainable Development, Xiamen Industry Exposition, Zhengzhou-Luxembourg "Air Silk Road" Forum for International Cooperation and HONOR Talents Global Design Award.

• Knowledge Sharing

To support small and medium-sized enterprises (SMEs) in developing countries, ITPO Beijing, together with foreign Embassies in China, held the UN-China-S&SE Asian Countries Triangular Cooperation on Trade and Investment Facilitation Empowerment training; organized capacity-building workshops on investment promotion for China's local governments; co-edited with knowledge partners The Blue Book on the Internationalization of China's Pharmaceutical Industry and The CIIE Exhibition Alliance Automotive Innovation and Development Special Committee, Smart Mobility and New Energy Special Committee Annual Achievement Collection; carried out international comparative analysis on International Framework for Eco-Industrial Parks .

• Partner Matchmaking

To improve impact and sectoral penetration of The Fourth Industrial Revolution Alliance (4IR Alliance), ITPO Beijing organized field trips for members of the Alliance to leading autonomous driving enterprises. On our brand-new official website, we set up the Global Partnership of Sustainable Investment (GPSI) database to identify, evaluate and create new investment opportunities through collecting information about Advanced Digital Production (ADP) technologies and projects.

In 2022, UNIDO established the Directorate of Global Partnerships and External Relations (GLO) to maintain UNIDO's relations with Member States and external partners. ITPO Beijing has developed long-term strategic cooperation with its policy,



Foreword

industry, business, and knowledge partners. This achievement in the past year is closely related to the assistance and support of all stakeholders. We hereby would like to send our sincere gratitude to all partners, including UNIDO Headquarters, the Division of ITPOs and Institutional Partnerships (GLO/ITP), UNIDO Regional Office in China, International Hydrogen Energy Center, UN Resident Coordinators Office in China, Office of Foreign Missions of Ministry of Foreign Affairs (MFA), Department of International Trade and Economic Affairs of Ministry of Commerce (MOFCOM), Department of International Cooperation of National Development and Reform Commission (NDRC) and Department of International Cooperation of Ministry of Industry and Information Technology (MIIT), International Cooperation Center of NDRC, China International Center for Economic and Technical Exchanges, Office of Foreign Affairs Commission of Henan Provincial Committee of the Communist Party of China, Beijing Xicheng District Government, Jinan, Xiamen, Chengdu and Zhengzhou Municipal Government, etc.

In the past three years, ITPO Beijing has gone through successful restructuring, partnership expanding and impact-shaping. In 2023, guided by UNIDO's motto of "Progress by Innovation", we will focus on priorities such as Investment and Technology Advisory Platform (ITAP), the Strengthening Capacity, Accelerating & Leading the Ecosystem for Upward investment (SCALE-UP) projects and launching the UNIDO Global Call 2023 at home and abroad. The Global Call this year will promote solutions in Green Hydrogen, Energy Efficiency, and Clean Energy Innovation. With the assistance of investment promotion 4.0 technologies such as artificial intelligence, block chain and big data, etc., we will provide industrial chain investment, technology acceleration, funding guidance and other novel services.

"Hope begins in a place of despair". Three years fight against the pandemic is approaching the end. Currently, specialized agencies of the United Nations and related international organizations are focusing more on post-pandemic economic recovery and reconstruction, while calling on all nations to act on SDGs implementation which was affected by the pandemic. In the post-pandemic era, China and the world are deepening international cooperation. ITPO Beijing will, as always, be committed to promoting international cooperation in areas such as industry, innovation and infrastructure. We look forward to working with all stakeholders to jointly implement the 2030 Agenda and SDGs.

武雅斌



UNIDO ITPO Beijing is an indispensable part of the United Nations family and a key stakeholder in Industry, Innovation and Investment in China.

I appreciate UNIDO ITPO's commitment to achieve sustainable development goals by galvanizing technology, innovation and partnerships.

2023 must be a year of peace, progress and prosperity. Let's work together towards the vision of the UN Secretary-General.

Siddharth CHATTERJEE, UN Resident Coordinator in China

ITPO Beijing is a prominent member of the UNIDO GLO/ITP and has made remarkable achievements despite the challenging circumstances caused by the COVID-19 pandemic. In the new year, ITPO Beijing is prioritizing innovation and responsibility, and has established five main objectives:

1) Leading the UNIDO Global Call 2023, which focuses on green hydrogen, clean energy innovation, and energy efficiency; 2) Promoting globalization of the Fourth Industrial Revolution Alliance in partnership with the Global Manufacturing and Industrialization Summit; 3) Upgrading the Regional Coordination Centers network and implementing an international brand strategy; 4) Upgrading the ITP network, and holding head meetings in China; 5) Strengthening railway connections between domestic Regional Central Cities and Europe to promote communication between domestic and international dual circulation, and creating opportunities for related industries to provide services.

Dr. Weixi GONG, Chief of the Division of ITPOs and Institutional Partnerships, UNIDO

Since the beginning, ITPO Beijing has adhered to the spirit of innovation, inclusiveness and sustainability to overcome the severe challenges of COVID-19. By leveraging its professional advantages, ITPO Beijing has presented its thinking and wisdom on high-end platforms such as the China International Fair for Trade in Services and the China International Import Expo, and contributed the frontier areas such as digital intelligence and zero-carbonization. We carried out practical activities in poverty alleviation and poverty reduction and women's empowerment, deepened government-industry-university-research partnerships, and strengthened regional coordination between the East, West, and the North and the South.

In the coming year, let us pursue "progress by innovation", anchor investment and technology promotion, continue to work together and forge ahead, actively contribute to high-quality development and high-quality opening-up in China, and make greater contribution to advancing the 2030 Agenda for Sustainable Development and building a community with a shared future for mankind.

Yi ZHANG, Deputy Director-General of China International Center for Economic and Technological Exchanges, Ministry of Commerce

The New Year brings new life and hope. The Zhengzhou Government is willing to join hands with ITPO Beijing to strengthen practical cooperation, promote investment promotion, technology transfer and application of new technologies in the field of international cooperation, establish a new mode of cooperation at home and abroad, and transform Zhengzhou into a new high ground of national innovation, talent, advanced manufacturing and opening-up.

Xiong HE, Mayor of Zhengzhou Municipal People's Government

We look forward to greater efforts of UNIDO ITPO Beijing in the new year to facilitate a new round of information technology promotion and industrial application, drive and reinforce international open cooperation, and work with the industrial ecosystem to make greater contribution to high-quality development.

Frank MENG, Chairman of Qualcomm China

I would like to wish UNIDO Beijing a great success in the Year of the Rabbit on behalf of J.P. Morgan. We are glad to have supported the CIIE Smart Mobility Forum hosted by UNIDO in the past two years, when this high-level event has become one of the most influential industry forums. We look forward to deepening the collaboration with UNIDO and opening a new chapter together in the new year.

Tim HUANG, Deputy CEO and Head of Corporate Banking China, JPMorgan Chase Bank (China) Company Limited

In 2023, we believe that UNIDO ITPO Beijing will continue to play its role as a platform to connect different regions and countries by promoting technology exchange and investment cooperation, and make its unique contribution to the realization of the United Nations 2030 SDGs.

Lan XUE, Dean of Schwarzman College, Tsinghua University

Remarks



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UNIDO at a glance

UNIDO

was established in **1966** and became a specialized agency of the United Nations in 1985



As at 31 December 2021, the Organization has **170** Member States

www.unido.org/member_states



Gerd Müller

was appointed Director General of UNIDO by the nineteenth session of the General Conference in November 2021

€85.3 million

regular and operational budget (expenditure) of UNIDO in 2021

UNIDO employs **682** staff members as well as 1,691 consultants on ISA contracts from 135 countries (as at 31 December 2021)

43 % **57 %**

UNIDO contribution to the United Nations resident **coordinator system** approved by Member States for 2021: **\$2,637,121**



The value of technical cooperation delivery in 2021 amounted to **\$179.4 million**



\$197.3 million net voluntary contributions in 2021 for project implementation, with a total portfolio of projects in hand of **\$575.2 million**



76.5 million tons of CO₂-equivalent and over **500,000 tons** of pollutants reduced with UNIDO contribution in 2021



Projects implemented in **121** countries in 2021



UNIDO participated in **99** United Nations country teams in 2021

The primary objective of UNIDO is the promotion of **INCLUSIVE AND SUSTAINABLE INDUSTRIAL DEVELOPMENT (ISID)** in developing countries and economies in transition



In addition to its Headquarters in **Vienna**, UNIDO has liaison offices in Brussels, **Geneva** and **New York**.

Its field network consists of **48** regional hubs, and regional and country offices covering **156** countries.

UNIDO maintains **Investment and Technology Promotion Offices** in **9** locations (Beijing, Bonn, Lagos, Manama, Moscow, Rome, Seoul, Shanghai and Tokyo).

Regional sustainable energy centres exist in **8** locations (Bridgetown, Cairo, Kampala, Kathmandu, Nuku'alofa, Praia, San Salvador and Windhoek).

UNIDO partners with **65 National Cleaner Production Centres** of the Global Network for Resource Efficient and Cleaner Production (RECNet).

General Conference

All Member States Meets every 2 years
Next regular session 27 November–1 December 2023



Industrial Development Board

53 Members Meets once a year
Regular session this year 21–23 November 2022



Programme and Budget Committee

27 Members Meets once a year
Regular session this year 21–22 June 2022



TOP FUNDING PARTNERS FOR UNIDO PROGRAMMES AND PROJECTS IN 2021 (in millions)



PROGRAMME FOR COUNTRY PARTNERSHIP (PCP)

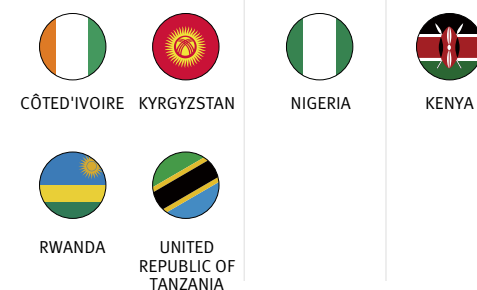
IMPLEMENTATION



PROGRAMMING

APPROVED FOR DEVELOPMENT

SELF-STARTER



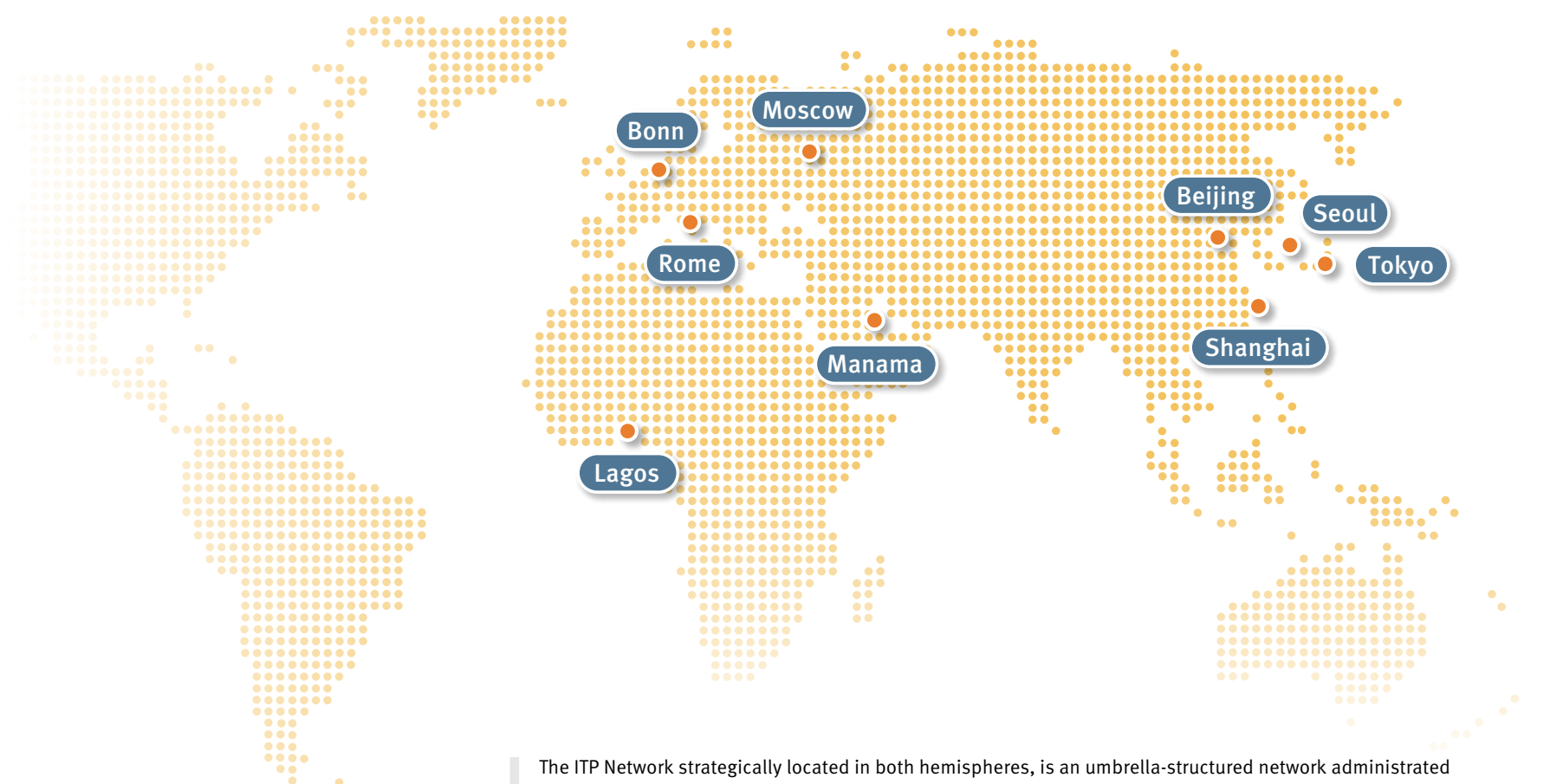


Directorate of Global Partnerships and External Relations (GLO)



The Directorate of Global Partnerships and External Relations (GLO) is supervised by the Director General (DG), and in close collaboration with all relevant organizational entities within UNIDO. Headed by a Managing Director (MD), GLO is responsible for UNIDO's relations with Member States and all external partners through policy-making organs.

Under the supervision of the Managing Director of GLO, the Division of ITPOs and Institutional Partnerships (GLO/ITP) is responsible to link all UNIDO's Investment and Technology Promotion Offices (ITPOs) with international corporate partners through the Investment and Technology Promotion Network (ITP Network), thus promoting sustainable industrial development.



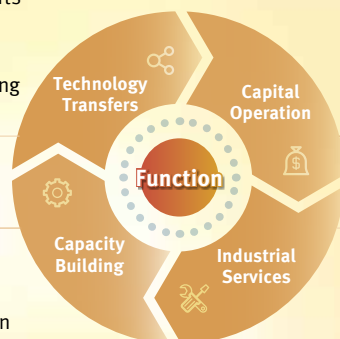
The ITP Network strategically located in both hemispheres, is an umbrella-structured network administrated by GLO/ITP at UNIDO Headquarters. The ITP Network is committed to promote investment and technology between host countries investors and technology suppliers with potential partners in developing countries.

History Established in 1990, UNIDO ITPO Beijing, specializing in investment and technology promotion has been playing an important role in attracting foreign investment, importing key technologies and advancing industrial transformation for China.

Mission According to UNIDO's mandate, ITPO will become the hub of science, technology, investment and innovation. Through activities such as investment promotion, technology transfer, advisory services, capacity-building and global forum, it promotes the active and effective use of foreign direct investment, enhances the international competitiveness of Chinese governments, investment promotion agencies and enterprises at all levels, promotes technological innovation and tripartite cooperation, and supports China's "bring in" and "go global" strategies for enterprises and inter-regional industrial transformation and upgrading, and ultimately promote the economic development and industrialization of developing countries and countries with economies in transition.

ITPO Beijing

providing help and supports to local governments on establishing technology transfer platforms, promoting advanced technologies



building guidance funds to seek strategic investment for local governments and enterprises

organizing training s and seminars on industrial planning, capital operation and technology transfer

advancing regional industrialization through technical assistance and industrial cooperation

Restructuring In 2020, ITPO Beijing innovatively established Regional Coordination Centers (RCCs) in Jinan, Xiamen, Chengdu, and Zhengzhou. This new organizational structure is designed to strengthen the implementation of major foreign investment projects, help enterprises "go global", and promote regional coordination and industrial gradient transfer in various regions of China, thus stimulating bidirectional international capital, technology and talent flow.

UNIDO ITPO Beijing

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Website



Wechat

Eastern China Regional Coordination Center (Jinan)

📍 Room 2604, Industrial Finance Tower, Hanyujing Building A4-4, Jinan, Shandong

Southern China Regional Coordination Center (Xiamen)

📍 Room 803&805, Consulate Area Building A, No.1 Consulate Road, Siming District, Xiamen, Fujian

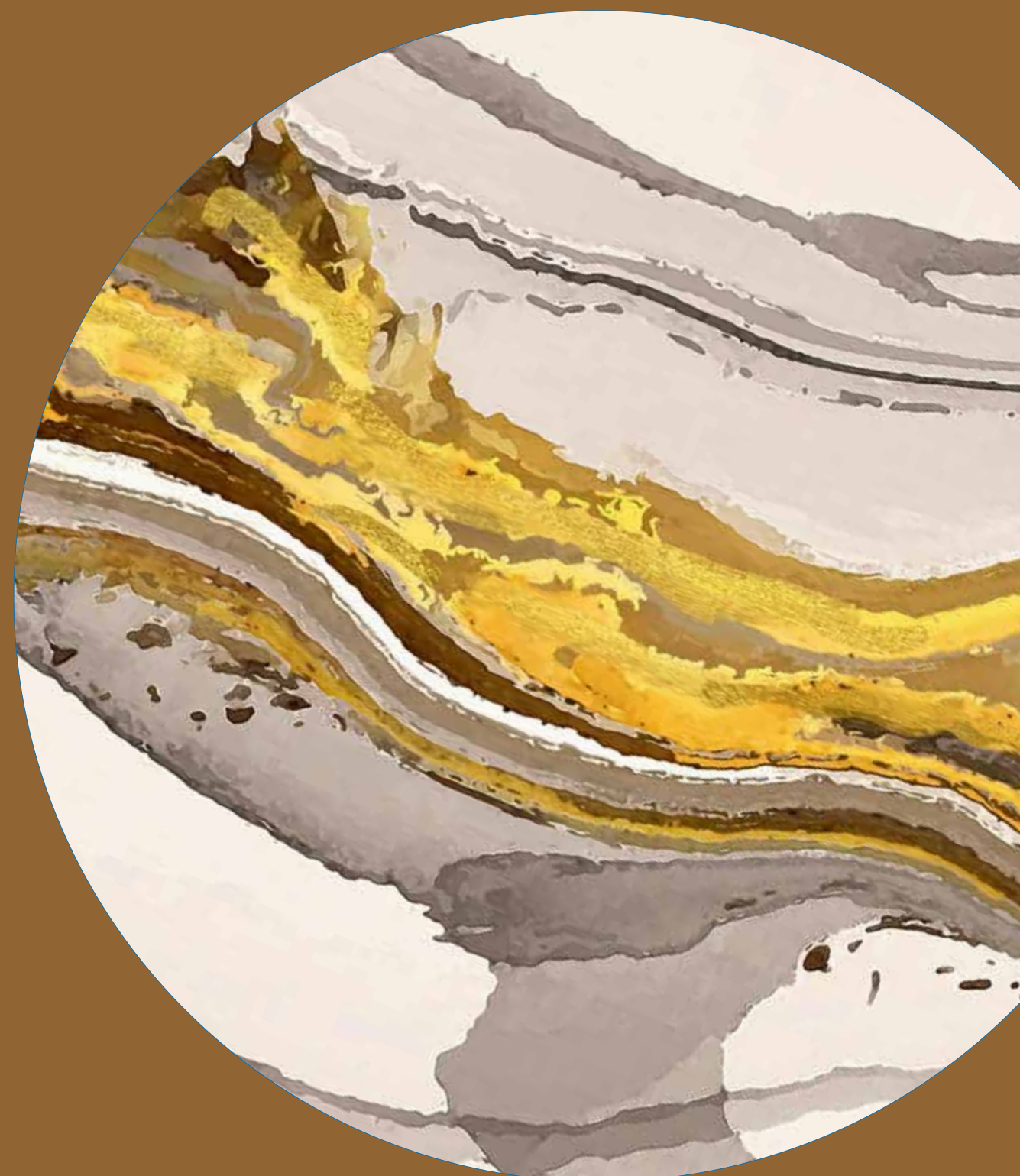
Western China Regional Coordination Center (Chengdu)

📍 Room 705, Business & Innovation Centre for China-Europe Cooperation, No.1577 Tianfu Avenue, Chengdu, Sichuan

Northern China Regional Coordination Center (Zhengzhou)

📍 Room 1109, Yabao East International Plaza Building 2, NO.85 Jinshui East Road, Zhengdong New District, Zhengzhou, Henan

Global Forum



Flagship event

China International Fair for Trade in Services (CIFTIS)

China International Fair for Trade in Services (CIFTIS) is defined as the only state-level, international and comprehensive fair specializing in the trade in services worldwide. It is co-hosted by the Ministry of Commerce and the People's Government of Beijing. It is one of the three exhibition platforms for opening-up.



In recent years, there has been a growing trend towards servitization in manufacturing, and service trade has become increasingly intelligent, digital and networked. ITPO Beijing is dedicated to discovering, identifying, evaluating and creating technology and investment opportunities, and providing technology solutions and investment promotion services for SMEs.

Time
31 August to 5 September, 2022

Location
Beijing · China National Convention Center

Theme
Cooperate for Better Development, Innovate for a Greener Future

Exhibitors
7,800 + online
2,400 + offline

Attendance
250,000+

Achievement
1339+

In 2020, on the eve of China signing the Regional Comprehensive Economic Partnership (RCEP), ITPO Beijing hosted the Fourth Industrial Revolution and Regional Industrial Chains Cooperation webinar at the CIFTIS; and initiated the Computer Model for Feasibility Analysis and Reporting (COMFAR), the UNIDO Flagship Software for Financial and Economic Analysis of Feasibility Studies.



Scan for details

Chinese President Jinping Xi announced China's commitment to carbon peak and carbon neutrality at the 75th session of the UN General Assembly (UNGA 75). In 2021, ITPO Beijing focused on UNIDO's mandate in digital and green transformation, thus hosting the Fourth Industrial Revolution Empowers Digitization and Decarbonization Forum at CIFTIS. Under the theme of "Digitalization Boosts Industrial Transformation and High-Quality Development" and "Smart Energy Promote Decarbonization and Sustainable Development", the forum jointly launched the "China Net-Zero Network". During the CIFTIS, ITPO Beijing also set up an exhibition booth and showcased the advanced digital production technology of the fourth industrial revolution (4IR ADP) on smart manufacturing production, smart agro-food, smart energy and smart circular economy.



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At the beginning of the 21st century, the United Nations introduced the Environmental, Social and Governance (ESG) concept, which focuses on practices and achievements of enterprises in three major areas: environmental protection, social responsibility and corporate governance, emphasizing the unity of business and social values of enterprises. Encouraged by the United Nations, institutional investors, stock exchanges and regulators around the world are increasingly focusing on ESG as an essential criterion for evaluating the off-balance sheet competitiveness, sustainability and long-term investment value of the enterprises. It has been calculated that one third of total global assets under management are ESG assets in 2020, at over \$35 trillion; ESG assets are expected to exceed \$41 trillion this year and may exceed \$50 trillion by 2025.

Chinese characteristics in industrial poverty alleviation, rural revitalization, common prosperity, the "dual carbon" goals and "green development" give new meaning to the ESG.

In China, ESG has attracted attention since monitoring and trading institutions have introduced related new regulations. There has been a significant rise in Chinese listed companies disclosing relevant information.

In 2022, CIFTIS - the International Forum on ESG and Sustainable Investment, co-organized by UNIDO ITPO Beijing, UNIDO Regional Office in China, China International Council for the Promotion of Multinational Corporations Growth Enterprises Committee (CICPMC-GEC) and Caixin Media, was held at the China National Convention Center. The forum focuses on "Innovation and Sustainable Development" and "ESG and Sustainable Investment", in order to lead ESG investment through the "Principles for Responsible Investment" and by urging corporate to adopt SDGs-driven business models. The following guests have delivered open remarks: Fulin SHANG, Chairman of the Committee for Economic Affairs of the CPPCC National Committee, former Chairman of China Banking Regulatory Commission, former Chairman of China Securities Regulatory Commission and Specially Invited Vice-President of CICPMC; Qiuping SHENG, Member of the CPC Leadership Group of the Ministry of Commerce and Vice Minister; Jun CHEN, Vice Chairman of the Beijing Municipal Committee of the CPPCC; Siddharth CHATTERJEE, UN Resident Coordinator in China; Stephen KARGBO, Representative and Head of UNIDO Regional Office (China, Mongolia, Republic of Korea); Xiaonan JI, former Chairman of the Board of Supervisors of the State Owned Key Large Enterprises of the State Council, Specially Invited Vice-President of CICPMC, Chairman of CICPMC Growth Enterprises Committee (CICPMC-GEC) and Chairman of SOE Management Think Tank.

Fulin SHANG said in his address, the leading role of ESG's value in investment standard should be fully exerted to promote more economic resources flow to innovation- and employment-driven sectors with good prospects for green circular development. The improvement of green financial standard system should be accelerated, financial institutions should be encouraged to optimize financial products and service system, and to improve ESG investment strategies in order to divert more financial resources to ESG industries. It is necessary to actively improve the national carbon emissions trading market, so that



the decisive role of the market can be manifested in emission reduction and environmental policies, and gradually establish a long-term mechanism.

Qiuping SHENG pointed out that the ESG concept is an important direction for the future development of the world that can drive sustainable development of the real economy and the capital market, enhance social responsibility delivery of enterprises in their investment and operation, continuously improve environmental quality, establish a sound environmental governance system, promote economic development and energy emission reduction in synergy, and facilitate the achievement of carbon peaking and carbon neutral goals. The Ministry of Commerce will implement the new development concept thoroughly, accurately and comprehensively, continue to promote a higher level of opening-up, stimulate the momentum of service trade, stabilize economic development, and provide a favorable environment for achieving green transformation and upgrading to high-quality development.

Jun CHEN said in her address that Beijing has been continuously promoting the transition to a low-carbon energy system. In August, Miyun District and Tongzhou District were selected as national climate investment and financing pilots, and Beijing has been building a national green exchange open to the world. In the future, Beijing will continue to underpin the strategic positioning of the capital, exert the overlapping advantages of the policies on Integrated National Demonstration Zone for Opening up the Services Sector and China (Beijing) Pilot Free Trade Zone, focus on key areas such as technology innovation, digital economy and green finance, adjust industrial and energy structure, vigorously promote greening of production and lifestyle, effectively promote high-quality economic and social development, and improve the level of sustainable development.



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Flagship event

China International Import Expo

The China International Import Expo (CIIE) is the world's first-import-themed national-level expo co-hosted by the Ministry of Commerce of China and Shanghai Municipal People's Government. CIIE is a major initiative of the Chinese government to firmly support trade liberalization and economic globalization and open the market to the world.



Time

5 to 10 November, 2022

Location

Shanghai-China National Convention Center

Theme

New Era, Shared Future

Exhibitors

2,800 +

Visitors

461,000+

Premier debuts

438 new products, technologies and service

Annual intended transaction amount

\$73.5 billion



From 2012, China has been vigorously expanding its imports. UNIDO has been actively supporting CIIE as co-partners since 2018.



The Fourth Industrial Revolution and Smart Mobility Forum

As a leading industry in global value chain, the automotive industry is also the first area where advanced digital manufacturing technologies of the fourth industrial revolution have been practiced on a large scale. Thus, ITPO Beijing along with the CIIE Bureau co-organized the "Fourth Industrial Revolution and Smart Mobility Forum" at the CIIE, which is the most dominant platform for international economic, trade and industrial cooperation in China, to jointly promote the future for smart mobility innovation and development.



In 2020, the forum was organized under the theme "Smart Mobility: Lead from the Future", including sub-forums: "Smart Mobility with Smart Manufacturing and Smart Energy" and "Smart Mobility with Smart Cities and New Infrastructure".



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In 2021, in order to accelerate the digital transformation and green transformation, we hosted the "Smart Mobility, Stand in the Future" forum, and also three sub-forums, including "Embracing Digital Intelligence: New Future of Smart Mobility", "Bench-marking for Decarbonization: New Era of Green Transportation" and "Facilitating Cross-sectoral Collaboration: New Opportunities in Transportation Sector". The Forum was ranked fourth on the "Hot List for 2021" among the nearly 100 events of CIIE.



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In 2022, the forum was themed "Smart mobility, Reshaping the future", with cutting-edge topics such as green energy and Web 3.0. The forum was jointly held by UNIDO Investment and Technology Promotion Network, China International Import Expo Bureau, National Exhibition and Convention Center (Shanghai), and China News Network. Sub-forums including "Net-zero Carbon: Green Hydrogen, Renewable Energy and Green Transformation" and "Digital Intelligence: Meta-verse, Web 3.0 and Digital Transformation", have also been held. UNIDO Director General Gerd Müller, Chinese Vice Minister of Commerce Qiuping SHENG, UN Resident Coordinator in China Siddharth Chatterjee, and Deputy Editor-in-Chief of China News Service Zhang Mingxin gave opening remarks.

Gerd Müller said in his opening remarks that the pandemic hit the automotive industry especially hard with supply chain disruptions, but the industry survived and is changing for the better.

"Disruptions can also open up opportunities to rethink business models. This is key to improving resilience. In this sense, the automotive industry has a key role in reaching a digital transformation and a green transition. Innovative technologies like the internet of things and artificial intelligence are leading to a revolution in auto manufacturing."

Qiuping SHENG noted that the automotive industry is accelerating its integration with digital technology and witnessing a transformation to clean, light, and smart development. "Automobiles are changing their role from transportation vehicles to large mobile and smart terminals. At the same time, the upgrading of the automotive industry can not only alleviate energy pressure and environmental problems, but also promote innovation and upgrading of high-tech industries. These industries have huge development potential, "I look forward to continued support to CIIE from present companies, inviting more auto and smart mobility companies to join, thus providing more opportunities in market, investment, and cooperation, and create a better future together.

During the forum, the 5th CIIE Auto Innovation and Development Special Committee, Smart Mobility and New Energy Special Committee jointly launched the "2022 Annual Accomplishments Report". The forum was held both online and offline, with over 2.38 million views on live.



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In the future, ITPO Beijing will continue to host the CIIE industrial series through topic setting, cross-industry integration, investment promotion and technology match-making, enterprise visiting, seminars and the accomplishments reports, to jointly promote dialogue and inspirations between global leading enterprises as well as business leaders and Chinese industry stakeholders. ITPO Beijing is committed to promote CIIE as a long lasting, forward high-level forum brand, to advance global industrial cooperation and sustainable development.



Flagship event **China International Fair for Investment & Trade (CIFIT)**

Hosted by China's Ministry of Commerce, CIFIT is committed to build three major platforms for two-way investment promotion, authoritative information release and investment trend discussion. It has developed into one of the world's most influential international investment events and the largest global investment event approved by the Global Association of the Exhibition Industry (UFI).



Since 2014, UNIDO, as one of the co-organizers, has played an inevitable role in its establishment and internationalization.

From 2020 to 2022, ITPO Beijing has been actively involved in CIFIT. We have set up UNIDO booths (offline plus online), organized technology exhibitions and roadshows, investment project matchmaking meetings, government and enterprise visits, promoting investment projects launching in China and encouraging Chinese enterprises to go global.

Time
Time: 8-11 September, 2022

Location
Venue: Xiamen International Convention and Exhibition Center

Theme
Sharing Digital Opportunities, Investing in a Green Future

Participants
4,000 +

Attendance
60,000+ online and offline

Achievement
480 +

Total agreement amount
¥342 billion

"Digital and Green Transformation" Technology

In 2022, ITPO Beijing showcased selected technologies and investment projects for digital and green transformation at its booth, covering smart energy, smart circular economy, smart agriculture and food, smart mobility and other fields, reflecting UNIDO's "Progress by Innovation" motto and to achieve the United Nations 2030 Sustainable Development Goals.

Smart energy Smart circular economy Smart agriculture and food Smart mobility

Left End of Carbon—Flexible Energy Storage Solution with High Performance The solution makes breakthrough in the traditional battery design and proposes the world's first flexible battery solution with high energy density and strong deformation capacity. The bend radius of its product is 10~40mm, and the bending times are over 10,000, which can be widely used in flexible display terminal, smart wear, special energy storage equipment, etc. **Right End of Carbon—Distributed Carbon Neutral Technology** Linhe Climate Technology has developed large-scale, high-efficiency and low-cost air capture technology, created a series of paths to convert relatively low-cost, non-pure CO₂ into fuel and raw materials, and built a technology system and a road-map for achieving carbon neutrality. The CO₂ curing technology developed by Linhe for 3D printing uses low concentration of CO₂ to cure the printed products, which can effectively improve the early strength of the products and their carbon sequestration rate can reach up to 15%.



Smart energy Smart circular economy Smart agriculture and food Smart mobility

Carbon neutral solutions has independently developed catalysts, electrodes, reactors and processes, with resource conversion and utilization of carbon dioxide and the third-generation composite diaphragms for hydrogen production from alkaline water electrolysis. By providing carbon peaking and carbon neutrality technology solutions for large-scale carbon emitting enterprises, it can effectively reduce carbon emissions while considering economic development, realizing a green and environmentally friendly circular economy, and shaping a clean and sustainable future.



Smart energy Smart circular economy Smart agriculture and food Smart mobility

The Next-Generation Super-fast Freezing & Freshness-locking Technology can overcome the disadvantages of poor food taste and loss of food nutrients caused by conventional freezing technology. The new technology can be widely used in agriculture, aquaculture, food processing, catering services and other industries, thus promoting rural revitalization with science and technology. The freezing speed of this technology is more than 100 times that of ordinary air-cooled technology and several times the freezing speed of liquid nitrogen, with low cost and convenient operation; Compared with traditional refrigeration technology, it has lower energy consumption, high efficiency, low carbon and environmental protection. The freezing effect of liquid nitrogen is achieved at less than one-tenth of the liquid nitrogen freezing cost, and it has higher process controllability than liquid nitrogen technology. Frozen food can be preserved and transported using existing cold chain facilities, and the quality of frozen food can be greatly improved through technological upgrades at the forefront of the cold chain.



Smart energy Smart circular economy Smart agriculture and food Smart mobility

Smart tires with 5G chips are self-vulcanization technology implanted in traditional tires, so that users and tire manufacturers can directly share tire mileage, real-time air pressure, temperature, safety technical parameters and other information on their mobile phones. Car tires customized with 5G chips with fuel-saving and wear-resistant formulas can save about 810 liters of fuel and reduce CO emissions by about 2 tons and 6.8% compared with traditional tires by driving 150,000 kilometers per car.



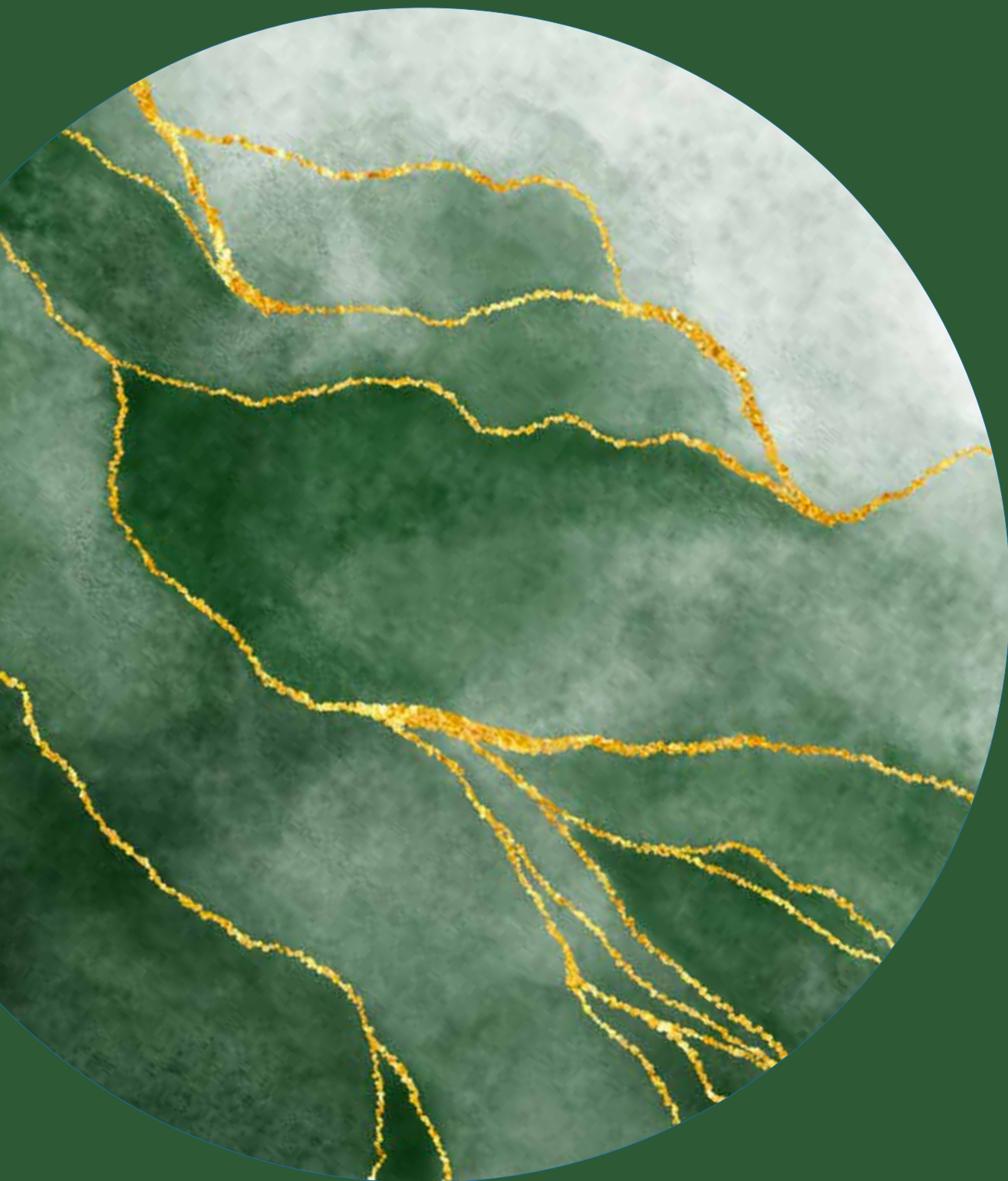
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At the same time, ITPO Beijing also joined the "Cloud Investment Fair", which collected and released more than 26,000 domestic and foreign investment projects, broadcast 88 live events, initiated more than 500,000 matchmaking's on the cloud, achieved more than 50,000 project interlinks, and accumulated more than 13.5 million visits to the platform. In the future, ITPO Beijing will promote the efficient coordination between government, business, projects, capital, talents and carriers through innovative methods such as investment promotion 4.0 and digital investment promotion to make CIFIT a long-lasting and far-reaching event.

Capacity Building



Empowerment



Investment Promotion 4.0 and Industrial Chain Investment

Investment leads to economic growth, technological progress and innovation. Estimates for investment needs in developing countries range from \$3.3 trillion to \$4.5 trillion per year. Through investment, ITPO Beijing promotes the achievement of SDG-9, which calls to "build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation".

In 2021, the actual amount of foreign capital used in China under the epidemic was \$173.48 billion, an increase of 20.2% year-on-year, highlighting the strong attractiveness of the Chinese market to global investors. In the second half of 2022, in order to increase the efforts of "attracting talents and capital", governments sent overseas investment promotion delegations when the pandemic eased and policies were gradually liberalized.



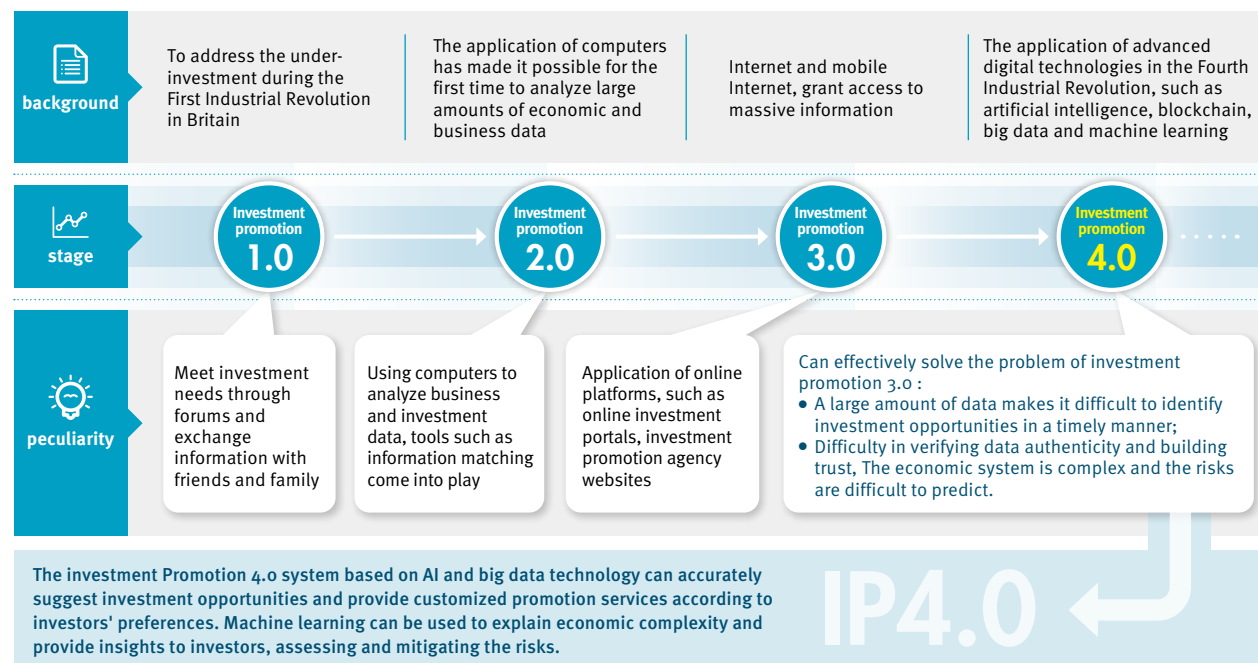
Source: Xiamen Daily

In order to enhance the international competitiveness of local governments and investment promotion agencies in China, ITPO Beijing innovatively carries out investment promotion talent empowerment training.

- Invite experts from UNIDO Headquarters to introduce new concepts such as the Fourth Industrial Revolution and Investment Promotion 4.0;
- Invite experts from the national commerce authorities to explain the new policies in the new Foreign Investment Law and RCEP;
- Senior executives of global multinational companies such as Honeywell, SAP and Kingsoft Cloud were invited to discuss the main factors in global investment layout and landing decisions from the perspective of the companies being recruited;
- International Relation experts were invited to talk about the "Black Swan" and "Grey Rhino" events such as China-US competition and cooperation, the Russia-Ukraine conflict, and the opportunities brought to international investment;
- In addition, according to the needs of local industries, experts in new investment fields such as meta-verse, carbon neutrality, and green hydrogen energy will be invited to provide consulting services for local industry investment promotion and major project implementation.



The Fourth Industrial Revolution, as a paradigm shift, places new demands on investment promotion approaches. The possibility of leveraging advanced digital technologies to promote investment to meet the SDGs, which we define as **Investment Promotion 4.0**.



ITPO Beijing has supported Xiamen's capacity building workshops on investment promotion for three consecutive years, training nearly 200 local cadres in total, helping to build an international and professional investment promotion team.

霍尼韦尔 | 投资及业务拓展关注因素

区域市场成长性

- 政府对于接纳创新技术和解决方案的理念
- 对创新技术和解决方案的风险承受能力
- 资源调配和经济系统转型程度对创新的支持
- 营商环境的透明度和稳定性

人才储备持久性

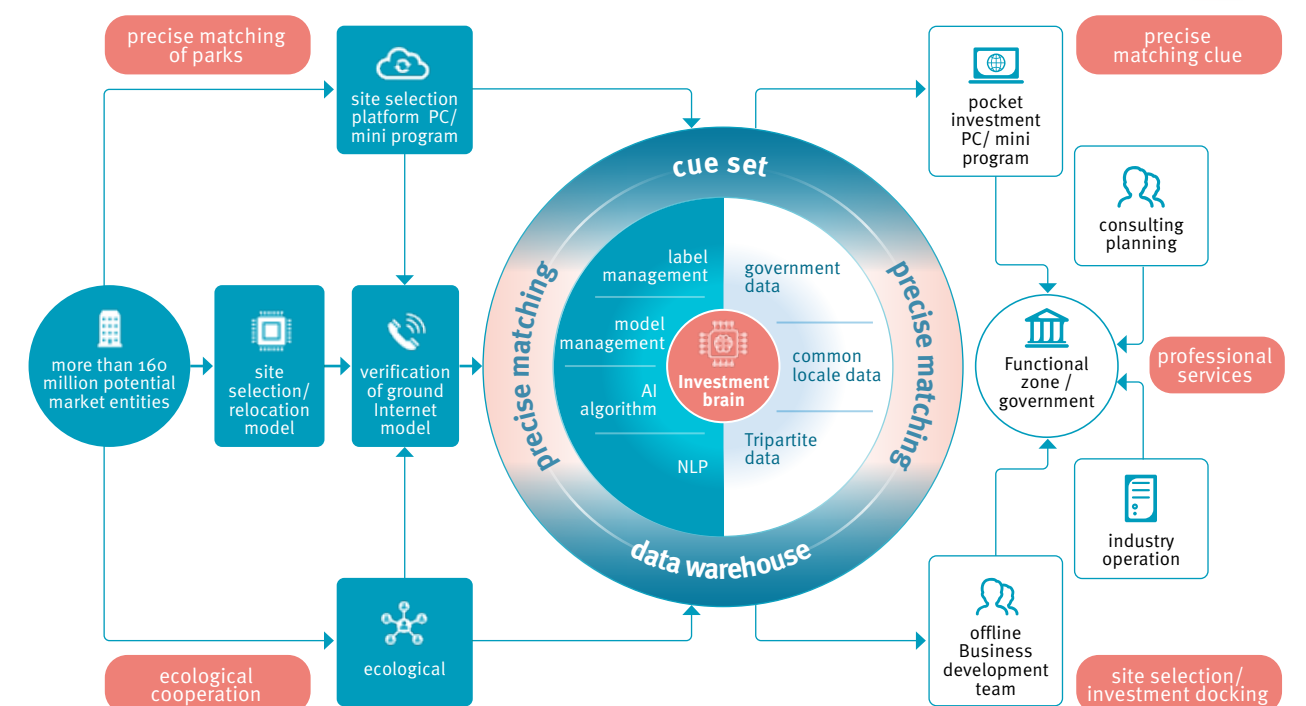
- 研发人才是否成规模集聚
- 商务人才的流动和交流渠道是否畅通
- 对管理人才的吸引力和稳定性

价值链完备性

- 上游供应企业的健全程度及灵活性
- 面对国际经济形势急剧变化的适应性和韧性
- 生产经营保障的安全性和耐久性



Source: Honeywell



Source: Guoke Yunzhao

In the future, ITPO Beijing will cooperate with investment promotion and park operation service providers of digital intelligence industry through the empowerment of advanced digital technology in the fourth industrial revolution, and provide overall solutions for industrial planning, investment matchmaking, talent attraction, space operation and achievement transformation for local governments, development zones and industrial parks in China, so as to promote the landing of major local projects and the development of industrial agglomeration.

South-South Cooperation and UN-China-S&SE Asian Countries Triangular Cooperation: enabling trade and investment facilitation among developing countries



South-South cooperation is an important form of economic and technical cooperation among developing countries, and triangular cooperation refers to the promotion of South-South cooperation by traditional donor countries and multilateral organizations through the provision of funds, training, management and technical systems. In recent years, more than half of the world economic growth had come from the developing countries whose trade had reached an all-time high, accounting for more than a quarter of total world trade, while FDI outflows from the countries of the South accounted for one-third of global investment flows.

South-South and triangular cooperation is an important part of the work of the United Nations system and has great potential and prospects

for achieving the 2030 Agenda for Sustainable Development. UN agencies, including UNIDO, played an important role as facilitators, conveners and coordinators of South-South cooperation.

UNIDO believed that industrial development had benefited and would continue to benefit from South-South cooperation. South-South and triangular cooperation modalities were not only the foundation for a large number of UNIDO technical cooperation projects, but also a key component of the IDG technical assistance programme. Shared industrial solutions can help countries of the South focus on locally available and economically practical technologies and resources as well as overcome industrial development challenges through mutually beneficial cooperation.



Scan for details



In recent years, China has actively expanded imports and built international consumer center cities, and the domestic market with huge potential is full of opportunities for all countries in the world. SMEs in developing countries lack an understanding of how to enter the Chinese market, what policies and standards are required, and how to meet the needs and preferences of Chinese consumers. To this end, ITPO Beijing, in collaboration with the UN Resident Coordinators Office in China and the Embassy of Sri Lanka in China, planned and launched the UN-China-S&SE Asian Countries Triangular Cooperation on Trade and Investment Facilitation Empowerment.

The first training focused on the topics of trade facilitation of agricultural and aquatic products that Sri Lanka and South and Southeast Asian countries are most concerned about, and was aimed at Sri Lankan Ministry of Commerce, Export Development Board, Investment Board, Chambers of Commerce, and SMEs in agriculture, food, FMCG and export sectors. The training also invited many guests and experts as enablers to participate online and in-person, including the United Nations in China, Chinese Ministry of Commerce (MOFCOM), China International

Development Cooperation Agency (CIDCA), State Administration for Market Regulation, China Council for the Promotion of International Trade (CCPIT), China International Center for Economic and Technical Exchanges (CICETE), China Chamber of Commerce of I/E of Foodstuffs, Native Produce and Animal By-products (CFNA), COFCO, Alibaba Group, and O-Tech.

This training will help promote Sri Lanka and more South and Southeast Asian countries to enter China and the world, make Chinese standards internationalized, domestic market fully competed, and provide consumers more choices. As highlighted by Weixi GONG, Chief of the Division of ITPOs and Institutional Partnerships, UNIDO, mutual recognition of test certificates, product and quality standards can promote trade facilitation and investment, and contribute to SDGs 8 (Decent Work and Economic Growth), SDG 9 (Industry, Innovation and Infrastructure), and SDG 12 (Responsible Consumption and Production).





Women and Rural Digital Empowerment and Industry Support

In February 2021, China solemnly announced to the world that it had eradicated absolute poverty, achieving SDG-1 (no poverty) of the 2030 Agenda for Sustainable Development 10 years ahead of schedule and raising significant global attention.

UN Secretary-General Mr. Guterres spoke highly of China's accomplishment in a letter to China's President Xi Jinping, saying that "The notable accomplishment is a significant contribution to realizing a better and more prosperous world, as envisioned by the 2030 Agenda for Sustainable Development." and that "This extraordinary result is a reason for hope and inspiration to the entire community of nations".

However, progress in promoting the SDGs globally has not met our expectations, and the pandemic has erased decades of global development. In this context, "Chinese experience" and "Chinese wisdom" have become more significant to the world. Among the many ways to achieve stable poverty alleviation for the underprivileged groups, industry support is undoubtedly one of the most direct, effective and long-term strategies. China's experience has shown us that only by giving full play to the advantages of local industries,

upgrading the industrial structure, constantly innovating and nurturing new formats, new jobs and new opportunities, can we transform from "blood transfusion" to "hematopoiesis", cultivating and retaining current talent for the local government, and achieve long-term and complete poverty alleviation.

The advanced digital technology of the fourth industrial revolution has brought certain challenges to traditional industries and employment, but the trend of industrial digitization has also created more jobs. The key lies in whether the digital technologies and tools of the new industrial revolution can be used to cultivate digital talents who can innovate efficiently on the digital highway, make full use of existing local industrial platforms, and drive the development of local characteristics and advantageous industries, digitally empower women, youth and other socially vulnerable groups, enable them to acquire basic skills for digital

employment and entrepreneurship, and promote China's successful and effective poverty alleviation experience to help developing countries cross the "digital divide".

UNIDO Director General Gerd Müller has pointed out, "UNIDO is the voice of the poorest in the international community" and "UNIDO has a lot of technical expertise and we are a key player in addressing these global challenges. First, protecting the global climate. Second, feeding a growing population and ending hunger and poverty. Third, creating jobs for hundreds of millions of people, especially the young who need a prospect for the future. Fourth, the need to invest in sustainable energy, green industrialization and infrastructure." UNIDO has been working closely with its Member States and other partners to drive development with the power of digital transformation. At the micro level, UNIDO strives to promote digital transformation of enterprises via various channels such as training and skills improvement (for example through the UNIDO Learning and Knowledge Development Fund); knowledge enhancement;

technology transfer and best practices sharing. UNIDO also works directly with private sector partners to accelerate the adoption of e-commerce in developing countries, to assist enterprises in self-evaluation and objective optimization, as well as initiating activities and developing start-up curricula to promote entrepreneurship.

In early 2021, ITPO Beijing, along with its policy partner China's National Development and Reform Commission and knowledge partner Tencent Group, launched the Fourth Industrial Revolution Promotes Industry Support and Rural Revitalization training series. Before the event, ITPO Beijing conducted baseline research to evaluate the local industrial platforms, identify potential needs, and "tailor-made" training courses. During the event, ITPO Beijing empowered youth, women, and SMEs through digital training tools and innovative teaching methods such as virtual reality (VR), social media networks, MOOC, and smart retail. The event was followed by a multi-partner action plan to promote a fair, inclusive and resilient global employment ecosystem, ensuring that "no one is left behind".

TOTAL
785
trainees



Chengdu



Lingshou



Beijing



Diverse participants and beneficiaries have joined the series of empowerment activities, ranging from the internet celebrity "Dad of triplets" who sells local products through the new economy platform to fresh graduates who have just started their careers to employees with PhD degrees in Economics and the new generation of young farmers who have returned to their hometowns to start their businesses. They are the messenger and performers of UNIDO's mission: "Inclusive and Sustainable Industrial Development", digital empowerment and industrial support.



This innovative and practical approach to empowerment has attracted significant media attention and gained recognition from the Chinese government. The National Development and Reform Commission and local governments look forward to in-depth cooperation in the future. At the same time, more business and knowledge partners have shown strong willingness to join and co-initiate a new round of training to revitalize China's rural areas and promote common prosperity.

Next Steps



More influence

- Yiwu City in Zhejiang Province is the world's largest small commodity market and China's largest logistics center and Internet celebrity hub. Base on Yiwu's unique advantages, ITPO Beijing aims to cooperate with its "100 counties and 10,000 products" platform to create new forms of empowerment in consumption thus promoting common prosperity.
- Cooperate with knowledge partners to launch modular courses, expanding training beneficiaries via both online and offline platform.

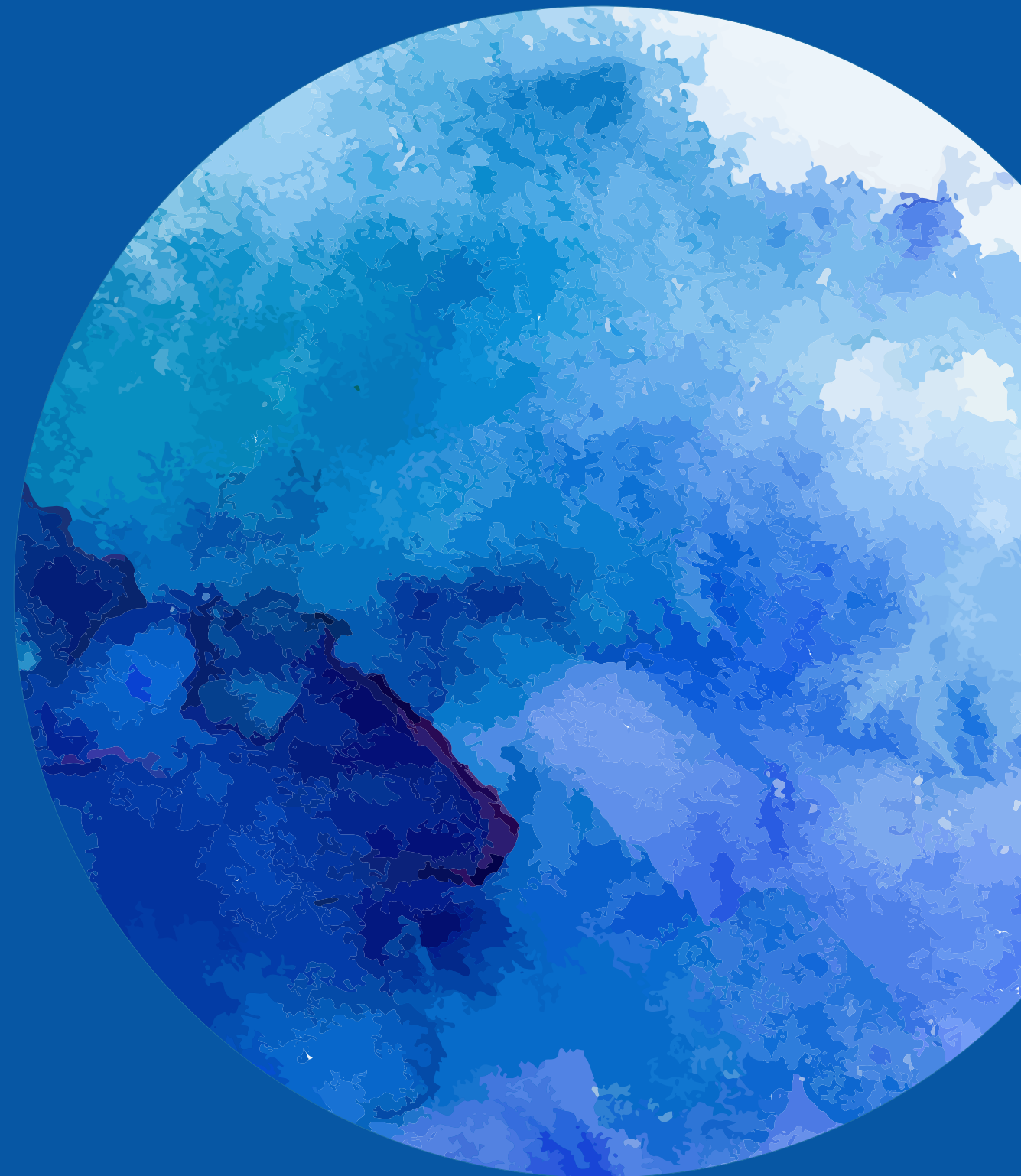
More continuity

- Use digital tools to track trainees' status of employment and business development, to confine and optimize training content and methods.
- Launch "upgraded" empowerment activities in regions where training has already been held, thus strengthening the effectiveness of training and establishing a long-term mechanism.

More Inclusiveness

- Extend to China's ethnic minority regions, such as Guangxi Zhuang Autonomous Region and Yanbian Korean Autonomous Prefecture in Jilin Province. Identify their local natural and human environments, cultural and industrial characteristics, etc., and thus focus on industrial development in ethnic minority regions.
- Make training courses accessible to developing countries along the Belt and Road, especially LDCs, through platforms of international institutions such as UNIDO.

Investment Promotion



Matchmaking



"Capital never sleeps, Innovation never stops."

Investment is one of the highest-ranking economic partnerships based on long-term trust.

An innovative technology receiving investment means market recognition, proving the project is both technically and market feasible.

Investment promotion and technology transfer are the focus and priority of ITPO Beijing.

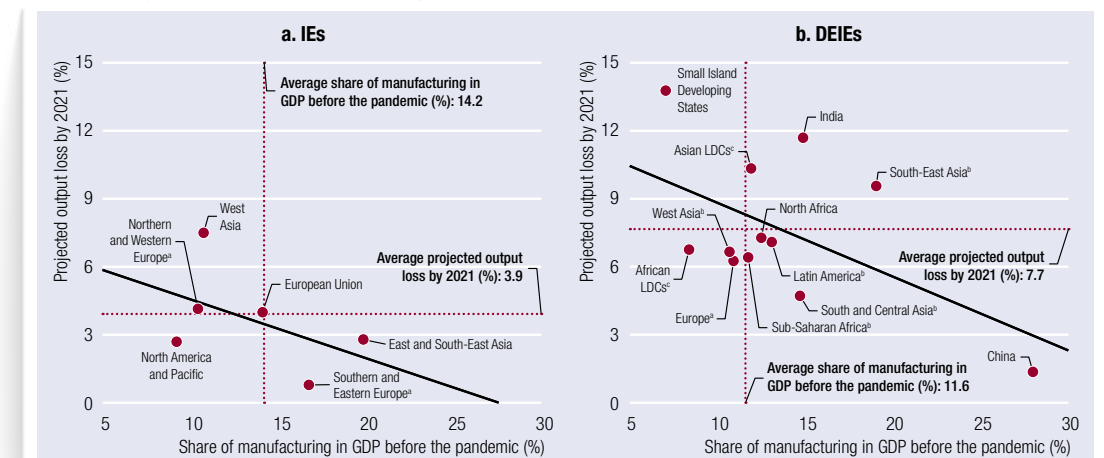
We focus on niche and key industrial regions, actively support international events, and create an online and offline investment promotion platform.



Manufacturing

The Covid pandemic has hit the world harder than any crisis in recent history. Despite the beginning of economic recovery, world economic activity remains significantly below pre-pandemic projections. At the same time, the socio-economic impact of the pandemic was uneven across countries, with UNIDO research showing that countries with better manufacturing systems have weathered the impacts of economic crisis better than others.

Impact of COVID-19 on economic activity by 2021 and relative size of the manufacturing sector before the pandemic, across economy groups



Source: UNIDO elaboration based on IMF World Economic Outlook (October 2019 and October 2021 editions) (projected output loss) and UNIDO MVA Database 2021 (UNIDO 2021b) (MVA share).

Note: a. Excluding EU; b. Excluding LDCs and SIDS; c. Excluding SIDS. The graphs show simple averages. Projected output loss by 2021 is defined as the difference between the pre-pandemic projection of the level of GDP (October 2019) and the latest available projection (October 2021) and presented as share of the pre-pandemic projection. The solid line indicates the linear regression estimate. Economy groups are based on Annex C. DEIEs = developing and emerging industrial economies; EU = European Union; GDP = gross domestic product; IEs = industrialized economies; LDCs = least developed countries; MVA = manufacturing value added; SIDS = Small Island Developing States.

The role of manufacturing industries in strengthening socioeconomic resilience



- Manufacturing provides goods that are critical for the sustenance of life—including food, drink, medicines, clothing, fuel and other basic necessities.
- Manufacturing provides inputs (such as machinery, components, systems and engineering services) to critical national infrastructure (such as transportation, electricity and communication).



- Manufacturing provides strategically important products and assets in combatting certain types of emergencies.
- A shortage of COVID-19-critical items hindered countries' ability to respond to the crisis.
- Different types of goods are required during different emergencies.



- Historically, manufacturing has been dubbed the "engine of growth" because of its contribution to productivity, trade, jobs and innovation.
- In a number of countries, manufacturing industries have offered "pockets of resilience" supporting recovery from COVID-19, as well as from previous crises.

Source: UNIDO elaboration based on the background paper prepared by López-Gómez et al. (2021).

China is the only country with all 41 industrial categories in the United Nations Industrial Classification, playing a key role in securing global value chains during the pandemic.

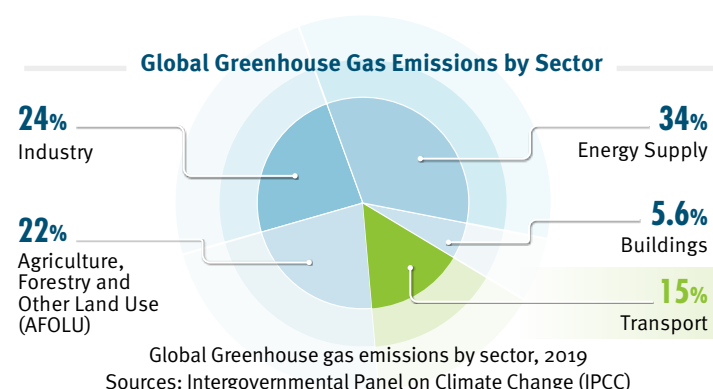
ITPO Beijing supported for two consecutive years the World Manufacturing Conference (WMC), co-organized by the Ministry of Industry and Information Technology, the Ministry of Science and Technology, the Ministry of Commerce and the People's Government of Anhui Province, aiming to promote the manufacturing transformation to digitization, networking and intelligence, and to motivate the development of high-quality manufacturing; supported the Xiamen Industry Exposition, under the theme of "Focus on New Manufacturing to Empower Development", to promote cross-straits industrial cooperation and development; attended the Zhengzhou-Luxembourg "Air Silk Road" Forum for International Cooperation, to promote the economic growth pole of the middle region in Zhenzhou; assisted internationally renowned investment institution JP Morgan Chase to reach cooperation with domestic emerging digital manufacturing leaders such as Honor; supported the HONOR Talents Global Design Competition to empower and motivate originality, thus launching a global dialogue in art and technology fields.



Automotive Industry



In previous industrial revolutions, the transport and energy sectors have always been the key in driving industrialization and innovation. With Advanced Digital Production (ADP) technologies such as robotics, artificial intelligence, big data, 5G, new energy, and additive manufacturing introduced into the automotive industry, mobility is undergoing unprecedented and profound changes.



The transportation industry is critical to achieving global net zero emission goals and green development. The automotive industry has great potential to reduce emissions in all aspects of the industry, from the supply side, manufacturing, and product supply to use, recycling and disposal.

The smart automotive industry requires both cutting-edge technological innovation and international industrial cooperation. The CIIE Exhibition Alliance Automotive Innovation and Development Special Committee was voluntarily established by exhibitors in the auto exhibition area of CIIE. It aims to build an industry exchange platform, to expand the influence and spillover effect of the Expo, to promote the development of foreign enterprises in China, and to serve the innovation and development of the automotive industry. ITPO Beijing, as a supporter of the special committee, actively promotes activities with the committee.

In 2021, ITPO Beijing cooperated with the Special Committee to hold the "International Cooperation Seminar on Innovation and Development of Automobile Prioritizing China's Dual Carbon Goals". The seminar focused on "Analysis of China's Automotive Industry Policies under Dual Carbon Goals" and "Introduction of European Automotive Industry Carbon Emission Policies".



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In 2022, China's central government and local governments have issued multiple policies to promote auto consumption and industry development, releasing positive signals. In September, ITPO Beijing once again cooperated with the Special Committee and co-organized the "International Seminar on Auto Market Outlook and Foreign Auto Enterprises Development in China". Officials from the Ministry of Commerce, the Department of Market Operation and Consumption Promotion, the Department of Trade in Services and Commercial Services, the Department of Foreign Investment Administration and other policy partners such as the Department of International Cooperation of NDRC, and executives from Toyota, Mercedes-Benz, Jaguar Land Rover, Ford, BMW, Volkswagen, General Motors and Honda, attended and discussed opportunities and challenges for foreign auto makers in China and the interpretation of relevant policies.



Scan for video



Sichuan visit details



Industry visit details

In 2022, ITPO Beijing launched a series of "UNIDO Fourth Industrial Revolution Alliance Industry Visits" to promote cross-border exchanges and collaborative innovation. In June, ITPO Beijing visited two leading companies in the field of artificial intelligence and autonomous driving, Baidu Apollo and Pony.ai, in Yizhuang Economic and Technological Development Zone in Beijing. ITPO Beijing assisted internationally renowned investment institutions to connect with Tianqi Lithium and promoted Bentley Motors and other internationally renowned brands to locate in Shanghai.



Pharmaceutical Industry



Pharmaceutical

Emerging technology in the 4IR such as artificial intelligence, the internet of things, big data, robotics, 3D printing, wearable devices, virtual reality have made healthcare industry increasingly intelligent through their continuous integration with medical technologies, thus stimulating unlimited innovation opportunities.



In 2020, during the most challenging period of Covid pandemic, ITP Network organized the Smart Healthcare Forum to promote a robust digital public health system around "Medical Innovations and Digital Transformation for a Healthy Future".



Scan for details



In 2021, ITPO Beijing established a strategic partnership with the Chamber of Commerce for Import and Export of Medicines and Health Products on cooperative research, local enterprises visits, supporting forums and other events, thus developing international cooperation in production-demand matching, investment promotion, and new technologies application and promotion in the pharmaceutical and health fields.



In 2022, based on investment promotions activities such as the "Well-Known Chinese and Foreign Enterprises" visit to Sichuan, ITPO Beijing assisted internationally renowned investment institutions such as JP Morgan and KKR to establish cooperation with enterprises such as Chengdu Easton Bio-pharmaceuticals, Guangzhou Fenghua Biotech and Tianfu International Bio City.



Digital Industry



During the pandemic, the number of Internet users worldwide increased by more than 10 percent. Yet not everyone in every corner of the globe has benefited from digitization. 37% of the world's population, or 2.9 billion people, still have never used the Internet.

ITPO Beijing focuses on the development of artificial intelligence, digital trade, internet, information technology and other fields, thus supporting the World Internet Conference Wuzhen Summit, the Global Digital Trade Expo, the World Intelligence Conference, the Annual Meeting of the China Info 100 and the "Jazzyear Summit" to promote the application of digital solutions and bridge the "Digital Divide".



GDTE details



JAZZYEAR details

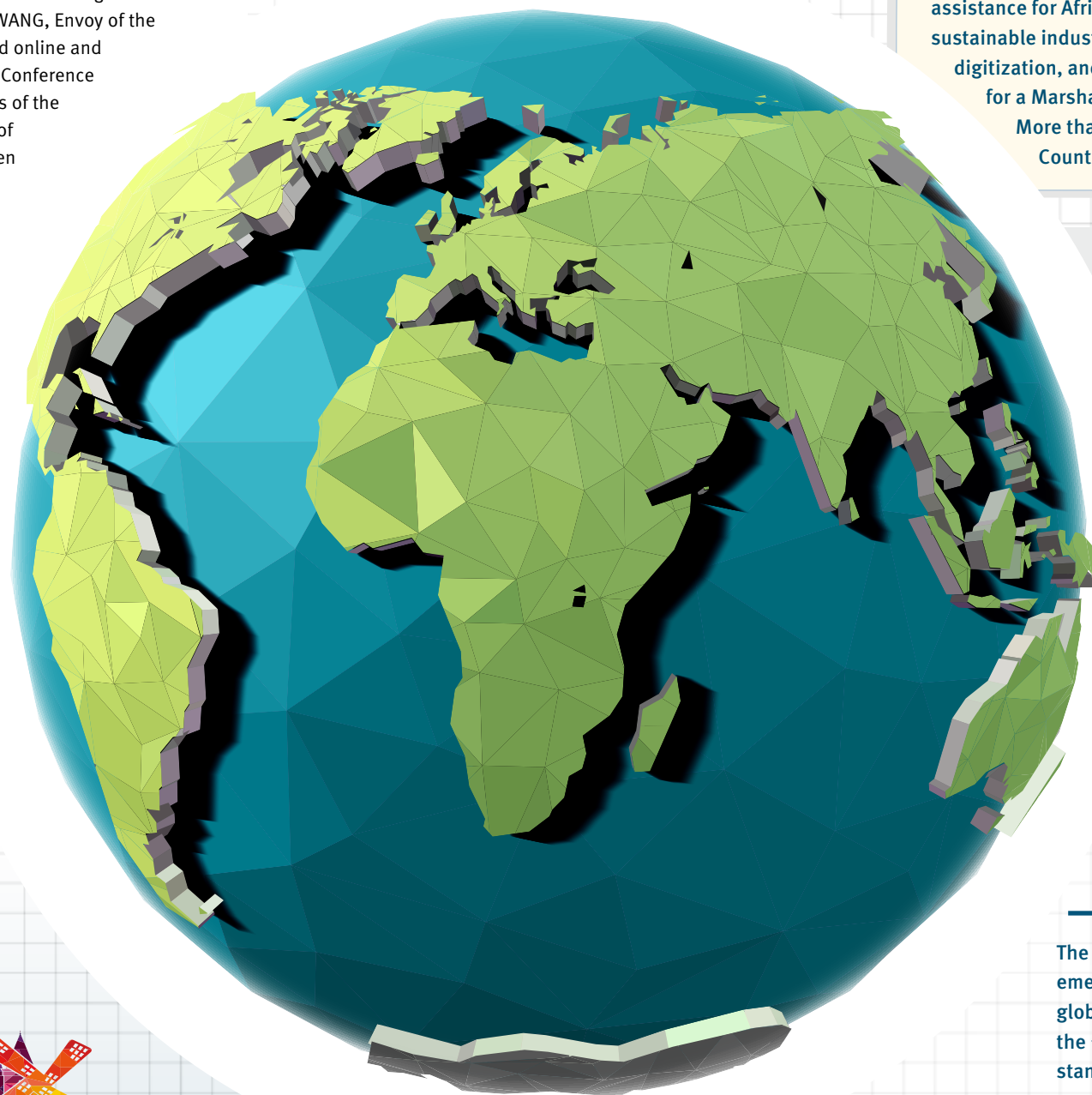
Europe

China's Shandong Province has a long history of manufacturing cooperation with Europe, especially Germany, and has thus built a solid industrial foundation. In recent years, green and low-carbon production has emerged as the right way to boost industrial development amid the impacts of climate change and economic recovery in the post-pandemic era. In 2021, ITPO Beijing invited Weidong WANG, Envoy of the Economic and Commercial Department at the Chinese Embassy in Germany, to attend online and deliver a speech at the Sino-German (Europe) SME Cooperation and Communication Conference (SMECC) and invited Qian ZHAI, Director General of the Department of European Affairs of the Ministry of Commerce, to conduct site visits in Jinan. With support from the Ministry of Commerce and Shandong Province, Jinan established the Sino-European (Jinan) Green Manufacturing Industrial Park based on its years of partnership and advantages in developing new energy manufacturing. Focusing on transportation equipment, machinery and equipment, hydrogen and new energy, new materials and other advantageous industries in Jinan, the industrial park dedicates to promote cooperation of advanced manufacturing industries between China and Europe, expanding the supply of productive services, exploring new paths for "carbon peaking" and "carbon neutrality", promoting green and low-carbon solutions, thus facilitating the green transformation of Shandong enterprises and helping them integrate into global markets, especially in Europe.

- Assist Jinan to connect with the Hannover Milano Fairs (Shanghai) Co., Ltd. and Chamber of Commerce for Import and Export of Medicines and Health Products, successfully co-designed the "China-Europe (Jinan) Green Manufacturing Industry Expo" and the "China Pharmaceutical Industry International Development Forum" at the Shandong International Health Industry Expo.
- Build partnerships with the Internationaler Wirtschaftssennat E.V. (IWS)
- Assist Xiamen and Jinan to connect with the World Economic Forum in Davos and the Fraunhofer Association for the Promotion of Applied Research in Germany, etc.
- Conduct online meeting between Contemporary Amperex Technology Co. Limited (CATL) and Hungarian stakeholders to discuss investment layout and related standards and certification in Hungary.



Chinese power battery manufacturer CATL signed a pre-purchase agreement in the eastern Hungarian city of Debrecen on September 5, 2022 local time, marking the official start of the CATL Hungary factory project, according to the Hungarian Daily News, RIA Novosti and Xinhua News Agency. Hungarian Minister of Foreign Affairs and Foreign Economy Sijardo Peter said that the CATL investment is one of the top five "greenfield investments" (new investments) in Europe in the past 10 years and the largest investment ever made in Hungary, which is of great significance to Hungary.



Africa

In November 2022, UNIDO Director-General Gerd Müller renewed his call for economic assistance for Africa at the Africa Industrialization Summit. "Africa needs investments in sustainable industrialization which translates to investments in energy, infrastructure, digitization, and skills development for youth and women," Müller said. "I once again call for a Marshall Plan with Africa. UNIDO is your partner for sustainable industrialization. More than 50 percent of our work is in Africa, with initiatives like the Programme for Country Partnership. I will make sure that this cooperation grows stronger."

- Delivering a keynote speech entitled "Smart Pharmaceutical Innovation and International Industrial Cooperation to Help Global Anti-epidemic" at the first "China-Africa Medical Health Development Forum" of the China-Africa Expo.
- Recommending safe and environmentally friendly new sanitation solutions to help the development of circular economy in Africa. The project has been assembled and commissioned in Senegal and put into operation.
- Introducing PPE suppliers and investment promotion specialists to Africa through UNIDO headquarters and the German Federal Ministry for Economic Cooperation and Development (BMZ).



BRICS

The BRICS countries (Brazil, Russia, India, China and South Africa), as leading emerging economies and major developing countries, are the pillars of regional and global economic growth. The Director-General of UNIDO Gerd Müller pointed out at the 12th BRICS Economic and Trade Ministers' Meeting, "UNIDO is proud of the long-standing cooperation with you. I want UNIDO to be an even stronger partner for your countries, for the global economy and for a more sustainable future."



- Establishing working contacts with the Office of the Leading Group for the Construction of the BRICS Innovation Base in Xiamen, introducing foreign experts to the BRICS Innovation Base think tank, and co-designing the establishment of the BRICS Innovation Center
- Delivering a keynote speech entitled "Strengthening Open Innovation Cooperation to Help Post-pandemic Economic Recovery" at the 2022 BRICS High-level Forum on Sustainable Development
- Attending the 2022 BRICS Innovation Base Construction and Development Forum, the 2022 BRICS Think Tank International Seminar, and promoting the sustainable development cooperation of BRICS countries in the BRICS "Year of China"

Competition

Global Call

Initially launched by UNIDO in 2020, Global Call aims to respond to challenges brought by climate change, post-pandemic economic reconstruction and green recovery and UN's Decade of Action to achieve the Sustainable Development Goals (SDGs). As UNIDO's annual flagship initiative, Global Call is held by the UNIDO Investment and Technology Promotion Network, and has called for innovative proposals globally on three themes: "Innovative Ideas and Technologies vs. COVID -19 and Beyond", "Innovative Solutions in Cleantech and Sustainable Land Management" and "Green Technology and Solutions towards Net-Zero".

In 2023, ITPO Beijing will lead a new round of Global Call to seek for technology solutions and impact investment projects for promoting green energy such as hydrogen and improving energy efficiency.



China Import and Export Fair (Canton Fair) CF Award

Founded in 1957 and co-sponsored by the Ministry of Commerce and the Guangdong Provincial Government, China Import and Export Fair (Canton Fair) is well-known for being China's number one exhibition, by having the longest history, the largest scale, the most complete commodities, the largest number of buyers, the widest sources, the best transaction effect, and the best reputation.

Since 2013, the Canton Fair has been selecting the Design Innovation Award (CF Award) once a year, aiming to "establishing quality benchmarks and guiding design innovation", selecting cutting-edge products with both design and commercial value, and setting up 7 categories, including electronic home appliances, building materials and home decoration, industrial manufacturing, household consumption, hardware tools, fashion life, health and leisure.

Since 2022, ITPO Beijing has started supporting the CF Awards to initiate the "Sustainability Award" to contribute to the achievement of the United Nations Sustainable Development Goals through "Global Design, Made in China".



"Straight to Wuzhen" Global Internet Competition

The "World Internet Conference Wuzhen Summit" has been held for nine consecutive years since 2014. The theme of the 2022 Summit is "Building a Cyber World and Creating a Digital Future Together – Working Together to Build a Community with a Shared Future in Cyberspace".

Launched in 2019, the "Straight to Wuzhen" Global Internet Competition is an international competition focusing on the digital economy throughout the year. The 2022 competition set up 7 thematic competitions including digital healthcare, connected cars, artificial intelligence, digital "dual carbon", network security, industrial Internet, and digital common prosperity, collecting a total of 1,110 projects from 24 countries.

Since 2022, ITPO Beijing has been supporting the competition to promote the digital transformation of traditional industries.



Platform & Network

o Launching the official website

After nearly three years of preparation since the restart of ITPO Beijing, our official website was launched on Oct 10, 2022.

unido-itpo-beijing.cn



Functional features

- Directly contact with major advanced technology and project partners at home and abroad, joining the everlasting investment promotion platform
- Sign up for various activities such as forums, training, and seminars to communicate with experts
- Gather "best practices", share experience, and discover new technical solutions
- updated on local policies, research results, recruitment notices, and other news to discover more cooperation opportunities

The website will facilitate ITPO Beijing's international cooperation projects, especially those related to South-South cooperation between developing countries and China, as well as tripartite cooperation with other UN agencies such as the ITP Network.

o GPSI Project Library

Initiated by ITPO Beijing and supported by multi-partners, the Global Partnership of Sustainable Investment (GPSI) project library brings together an online database of valuable sustainable investment projects around the world to jointly discover, identify, evaluate and create new investment and technology opportunities while building partnerships.

unido-itpo-beijing.cn/gpsi



More than enriching database and attracting projects, ITPO Beijing focus on GLO/ITP's priorities, UNIDO's Investment and Technology Advisory Platform (ITAP) and Strengthening Capacity, Accelerating & Leading the Ecosystem for Upward investment (SCALE-UP) projects leverage IP4.0 technologies such as AI and big data, to provide local governments and industrial parks with industrial chain investment, technology acceleration, exhibition road show, project collection, fund guidance and other precise services.

Research & Consulting



"The Blue Book on the Internationalization of China's Pharmaceutical Industry"

Under the influence of global epidemic, ITPO Beijing has cooperated with the China Chamber of Commerce for Import and Export of Medicines and Health Products for two consecutive years to co-edit the "Blue Book on the Internationalization of China's Pharmaceutical Industry", sorting out and interpreting the macro environment, progress achievements, opportunities, challenges of the international

development of China's pharmaceutical industry, and sharing "Chinese wisdom" with various stakeholders in the global pharmaceutical industry. The detailed data analysis, in-depth policy interpretation and rich case study in the Blue Book will promote Chinese pharmaceutical enterprises, through international cooperation, to achieve a healthy, inclusive, sustainable and resilient future.



"CIIE Exhibition Alliance Automotive Innovation and Development Special Committee, Smart Mobility and New Energy Special Committee Annual Achievement Collection"



In 2022, ITPO Beijing continued to support the CIIE Exhibition Alliance Automotive Innovation and Development Special Committee, Smart Mobility and New Energy Special Committee, jointly released the industry's annual achievement collection. This collection discussed cutting-edge topics, hot trends and challenges in industry development, and mobilized joint efforts to provide diversified solutions for smart travel.



International Framework for Eco-Industrial Parks

UNIDO supports governments and industrial park operators in building eco-industrial parks (EIPs) that aim not only at improving economic performance, but also pursuing environmental and social benefits. In 2021, UNIDO, in collaboration with the World Bank Group and GIZ Germany, updated the new International Framework for Eco-Industrial parks (IFCD) to provide benchmarks for better industrial parks. In 2022, at the invitation of the Jinan Area of China (Shandong) Pilot Free Trade Zone, ITPO Beijing provided consulting services for the China-Europe (Jinan) Green Manufacturing Industrial park, carried out a comparative study of eco-industrial park indicators, and introduced the relevant provisions of the Framework on park management and social

indicators, including park management team, occupational health, and safety management system, complaint management, prevention of discrimination and harassment, decent work, capacity building, etc., focusing on the comparison of the Framework and the National Eco-Industry Demonstration Park Standard issued by the Ministry of Ecology and Environmental Protection of China. The China-Europe (Jinan) Green Manufacturing Industrial Park is expected to become the first green park in China to apply the Framework standards, and will also serve as an example for UNIDO to apply the Framework in developing and middle-income countries, providing a feasible practical path for the localization of international organization standards in China.

Partnership



PARTNERSHIPS FOR THE GOALS

SDG 17-PARTNERSHIPS FOR THE GOALS highlights the importance of partnerships. "Partnership" is both the goal and the way to achieve all SDGs.

UNIDO has long been committed to promoting international cooperation, underlining South-South and triangular cooperation and strengthening partnerships with stakeholders such as Member States. In 2022, UNIDO initiated an institutional reform, establishing the Directorate of Global Partnerships and External Relations (GLO), which is responsible for UNIDO's relations with Member States and all external partners.

The Division of ITPOs and Institutional Partnerships (GLO/ITP) will link UNIDO's ITPOs, which set up strategically in the North and South hemisphere, with international corporate partners and use the ITP network to forge relationship with developing partners, engage in pairing and partnership development at the corporate, institutional and political level, to support developing countries and transition countries to become attractive investment locations, thereby increasing the level of investment, participates technical exchanges through investors and partners brought by ITPOs, and enables them to adopt new technologies for sustainable industrial development.



Partnership

ITPO Beijing actively builds long-term strategic cooperation relations with policy partners, industry partners, business partners, and knowledge partners in China and around the world:

• Industry Alliance

As the leading organization of UNIDO's "4IR Alliance", ITPO Beijing works closely with other UNIDO departments and external partners, co-promote "Inclusive and Sustainable Industrial Development" and digital and green transformation. For the past three years, despite the influence of covid-19, the alliance held a variety of activities, including global forums, policy seminars, capacity building, exchange and visit, technology and investment project matchmaking. The global influence continues to expand and industry penetration continues to deepen.

• Regional Coordination

ITPO Beijing innovatively set up Regional Coordination Centers (RCCs) in four regional hub cities in Northern, Southern, Eastern, and Western China. For the past three years, RCCs have analyzed local resource and industrial needs, continued to cooperate with local governments, parks, private institutions and other partners at multiple levels and in all aspects, and made unique contributions to local "Investment Promotion and Talent Attraction", internationalization and the construction of the international organization ecosystem.

• Fair Platform

ITPO Beijing takes full advantage of China's three national opening-up platforms—China International Fair for Trade in Services, China International Import Expo, China Import and Export Fair, and other online and offline platforms for global trade, investment and technology promotion such as China International Fair for Investment & Trade, advances the two-way flow of capital, talent, and technology at domestic and international levels by holding forums, setting up booths, roadshow matchmaking and supporting competitions.

• Press and Think Tank

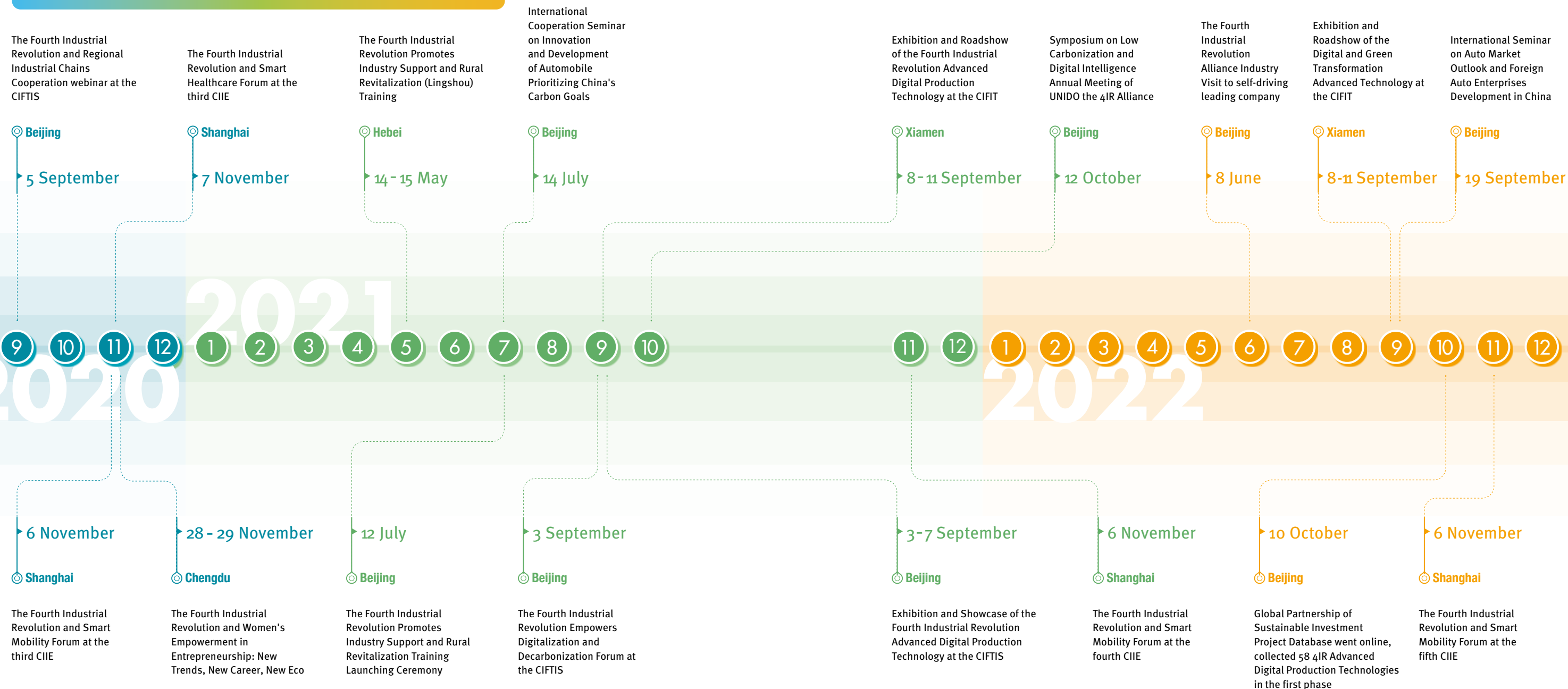
ITPO Beijing cooperates with presses and think tanks including China News Service, Caixin Media, The Beijing News, Southern Metropolis Daily, Jazzyear, focuses on Policy hot-spots and development trends including "ESG", "dual carbon goals", "rural revitalization", "digital transformation", "green development" and "social responsibility". To address the core issues of SDGs, we have stimulated the strength of private partners and gained an enthusiastic social response and wide international influence. ITPO Beijing has also built knowledge partnerships with research institutes including but not limited to Peking University, Tsinghua University, Beijing Jiaotong University, Center for China & Globalization, Shandong University, Shandong University of Finance and Economics, Xiamen University, Sichuan University, University of Electronic Science and Technology of China, Southwestern University of Finance and Economics, Chengdu Institution of New Economic Development, Hundun Academy, The Fraunhofer-Gesellschaft.



4IR Alliance

MEMORABILIA

2020-2022 Alliance Memorabilia



First Batch of Member Partners of the 4IR Alliance



Regional Coordination Center Highlight Events



• UN CHARTER DAY

Under the influence of climate change, regional conflicts and COVID pandemic, **Eastern China RCC(Jinan)** reviewed the Charter of the United Nations, conducted international talents training courses to build multilateral communication platforms for governments, enterprises, universities and other regional partners, promoting the internationalization of Shandong province and Jinan and achieving the SDGs.



• World Ocean Week in Xiamen

Southern China RCC(Xiamen) supported relevant activities of 2022 World Ocean Week in Xiamen, one of the two major international water-themed events along with the Stockholm World Water Week, to promote the sustainable development of the marine industry.



• International Cooperation Center

Northern China RCC(Zhengzhou) is planning to build the "International Cooperation Center" to create a new platform for international investment attraction, forming new international institution hub, promoting opening-up, accelerating investment promotion, technology transfer, new technology application, and establish a new mode of cooperation at home and abroad in the field of international cooperation in Zhengzhou.

JINAN CHENGDU
RCC
XIAMEN ZHENGZHOU



• Well-known Chinese and Foreign Enterprises' Visit to Sichuan 2022

Western China RCC(Chengdu) organized executives from J.P.Morgan, KKR, BMW, Ford and so on to visit Sichuan, promoted local investment attraction and inter-regional cooperation and communication.

• NexTus SDGS Youth Innovators' Assembly

Supported Youth Innovators' discussion of sustainable development through science and technology.

• Conference for Future Innovators

Organized students' visits to improve Chengdu's international influence.



• Cooperate Carbon Neutrality Pathway Seminar

Interpreted the path of cooperating carbon neutrality to facilitate the sustainable development of key enterprises in Chengdu.

• The Sustainable Development Program Super Workshop

Fostered sustainable development talents in line with SDGs.

Regional Coordination Center

The size of shape is proportional to the level of involvement



Class	RCC	Jinan			Xiamen				Chengdu			Zhengzhou			RCC	Class
	name	2020	2021	2022	2020	2021	2022		2020	2021	2022	2020	2021	2022	name	
Global Forum	CIIE														CIIE	Global Forum
	CIFTIS														CIFTIS	
	CIFIT														CIFIT	
	National Event											/			National Event	
	Regional Event											/			Regional Event	
	Others											/			Others	
Capacity Building	Investment Promotion								/			/			Investment Promotion	Capacity Building
	Inclusive Development											/			Inclusive Development	
	Others								/			/			Others	
Investment and Technology Matchmaking	Matchmaking											/			Matchmaking	Investment and Technology Matchmaking
	Roadshow											/			Roadshow	
Research & Consulting	Research Report								/			/			Research Report	Research & Consulting
	Policy Consulting														Policy Consulting	
Partnership	Alliance														Alliance	Partnership
	Platform & Network											/			Platform & Network	

Brand Event



• Global Manufacturing and Industrialization Summit (GMIS)

A joint initiative launched by the UNIDO and the Ministry of Energy and Industry of the United Arab Emirates, GMIS aims to promote a roadmap for future industrial development to echo the evolution in international trade and global best practices.

• Inclusive and Sustainable Industrial Development Forum

The Inclusive and Sustainable Industrial Development (ISID) Forum has been regularly held by UNIDO since 2014. The forum brings together Member States and partners to build partnerships and formulate strategies. So far, ISID forums have been respectively held in Austria, Ethiopia, Senegal, UAE.



• Vienna Energy Forum (VEF)

Founded in 2008, VEF is a biennial global, multi-stakeholder forum with the objective of exploring developmental challenges within the realm of sustainable energy. The forum introduces a platform for policy- and decision-makers from all sectors of society to conceive practical solutions to sustainability issues.

• BRIDGE for Cities - Belt and Road Initiative

"BRIDGE for Cities" event is an annual event organized jointly by the UNIDO and the Finance Center for South-South Cooperation (FCSSC). It is held at UNIDO headquarters in Vienna, Austria.



• Hannover Messe

As one of the world's largest trade fairs started in 1947, the Hannover Messe is held once a year at the exhibition center in Hanover, Germany, organized by Deutsche Messe AG (DMAG). UNIDO has been actively participating in and supporting the Hannover Messe.

Work Priorities for 2023

TIME	THEME	PLACE
April	Hannover Messe	Hannover · Germany
April/ October	The China Import and Export Fair	Guangzhou · China
June	Annual Global Conference on Energy Efficiency	Paris · France
June	Vienna Energy Forum(VEF)	Vienna · Austria
June	China-Central and Eastern European Countries Expo	Ningbo · China
June	China Africa Economic and Trade Expo	Changsha · China
September	ESG Forum at China International Fair for Trade in Services(CIFTIS)	Beijing · China
September	Exhibition and Roadshow at China International Fair for Investment and Trade(CIFIT)	Xiamen · China
September	UN Global Compact Leaders Summit(UNGC)	New York · U.S.
September	Sino-German(Europe) SME Cooperation & Communication Conference	Jinan · China
September	World Internet Conference-Wuzhen Summit	Wuzhen · China
September	China Henan International Investment & Trade Fair	Zhengzhou · China
November	"The Fourth Industrial Revolution and Smart Mobility Forum" at China International Import Expo(CIIE)	Shanghai · China
November	Global Digital Trade Expo	Hangzhou · China
November	Global Manufacturing and Industrialization Summit (GMIS)	Abu Dhabi · United Arab Emirates
TBC	EU-China Business & Technology Cooperation Fair	Chengdu · China
TBC	Annual Meeting of UNIDO the Fourth Industrial Revolution Alliance	Beijing · China
Research	Blue Book on the Internationalization of China's Pharmaceutical Industry	/

跨国公司抢抓中国绿色低碳转型市场机遇

新华社新媒体
2022-06-21 21:25 | 新华社官方账号

新华社青岛6月21日电（记者陈国峰、孙晓辉、王凯）微软承诺到2030年实现碳负排放，韩国SK集团计划到2030年累计减少两亿吨碳排放，雀巢集团提出在2050年实现净零碳排放……在此期间举行的第三届跨国公司领导人青岛峰会上，绿色低碳成为热门话题，跨国公司纷纷亮出他们的“双碳”时间表和路线图。

联合国工业发展组织投资和技术促进办公室（中国-北京）主任武雅斌表示，绿色发展已成为推动全球经济社会进步的重要动能，而企业是当今世界绿色转型的先锋和主力。

第四次工业革命与智慧出行论坛举行



2022年服贸会ESG与可持续投资国际论坛在北京成功举办

中新网北京9月4日电 3日，由联合国工业发展组织投资和技术促进办公室（中国-北京，UNIDO/ITPO Beijing）、联合国工业发展组织驻华代表处、中国国际跨国公司促进会成长型企业委员会、财新传媒共同主办的2022年服贸会ESG与可持续投资国际论坛在北京国家会议中心举办。



进博会“第四次工业革命与智慧出行论坛”聚焦智慧出行新机遇

2022-11-08 14:25:44 | 浏览量: 63.1万
来源: 经济参考报

由联合国工业发展组织投资和技术促进网络、中国国际进口博览局、国家会展中心（上海）主办的“第四次工业革命与智慧出行论坛”于11月8日在进博会期间举行。

“绿色进博”兴绿低碳风潮



在第五届中国国际进口博览会期间举办的主题论坛上，联合国工业发展组织投资和技术促进办公室主任武雅斌作了题为《绿色进博，兴绿低碳风潮》的演讲。

第二届企业社会责任与可持续发展创新论坛在蓉开幕



联合国工发组织ITPO Beijing东部区域协同中心在沪举办“联合国宪章日”主题活动



ESG是未来方向 各方建言如何应对挑战？



中央经济工作会议再提绿色转型，李毅中、武雅斌等共议低碳发展

2022-12-20 19:21 | 编辑: 王进南

武雅斌：通过市场引导，实现“要我减碳”到“我要减碳”



联合国工发组织武雅斌：数字化转型和“绿色”转型应相互支撑



第五届进博会“第四次工业革命与智慧出行论坛”举行

2022-11-06 22:49:11 | 中国新闻网 | 43.3万



海南自贸港政策解读暨五指山“六园”建设推介活动在济南举办



聚焦ESG与创新-共话可持续发展|2022年服贸会ESG与可持续投资国际论坛在京成功举办

9月3日，由联合国工业发展组织投资和技术促进办公室（中国-北京，UNIDO/ITPO Beijing）、联合国工业发展组织驻华代表处、中国国际跨国公司促进会成长型企业委员会、财新传媒共同主办的2022年服贸会ESG与可持续投资国际论坛在北京国家会议中心举办。

联合国工发组织专家：离开中国，全球价值链无从谈起



第四次工业革命与智慧出行论坛举行

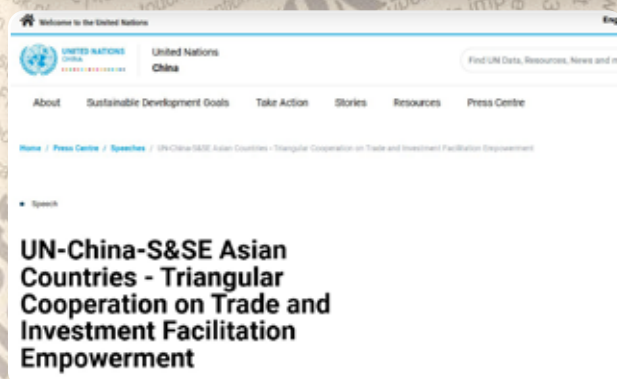
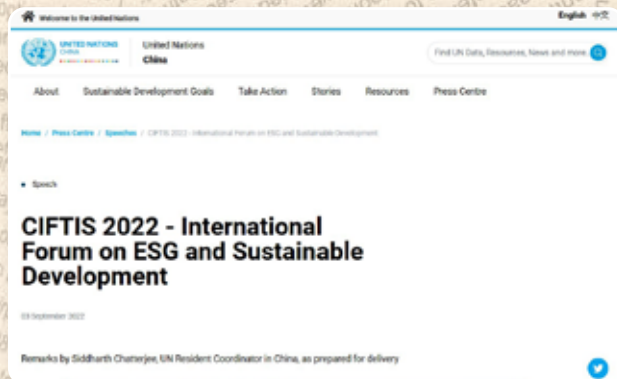
2022-11-06 18:56 | 来源: 新华社

品牌效应显现，持续常办常新！进博会展览汽车创新发展专委会研讨活动成功举办

推动高质量发展！市商务局与联合国工业发展组织联合举办外资招商专题培训



Media Coverage



RESTRUCTURE

PARTNERSHIP

IMPACT

INNOVATION

2022 ANNUAL REPORT



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