



UNITED NATIONS  
INDUSTRIAL DEVELOPMENT ORGANIZATION

Progress by innovation



# Annual Report 2023 2023 年度报告

United Nations Industrial Development Organization  
Investment and Technology Promotion Office Shanghai  
联合国工业发展组织投资与技术促进办公室（中国上海）

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# Message from Head 主任寄语

Dear friends and partners,

In 2023, we found ourselves amidst turbulent times. Geopolitical tensions heightened, economic recovery stagnated, development gap widened, along with extreme weather events became more frequent. In this challenging era, however, the United Nations system, as the symbol and core of global governance, is still working hard to bridge differences and to seek hope for a shared future for mankind: the 28th Conference of the Parties on Climate Change (COP28) achieved the "UAE Consensus"; The emergence of generative artificial intelligence, while empowering industrial manufacturing to improve quality and efficiency, has urged countries to respond to the United Nations' "Global Digital Compact" initiative as soon as possible to keep up with the speed of technological progress; the Third "Belt and Road" Forum for International Cooperation, along with the expansion of the BRICS Cooperation Mechanism to other emerging markets and other actions promoting cooperation have demonstrated the fruitful results of multilateral collaboration to the world.

2023 marks the year when the United Nations Industrial Development Organization (UNIDO) Global Investment and Technology Promotion Network is fully operational after becoming an independent division affiliated to the Directorate of Global Partnerships and External Relations (GLO). The Investment and Technology Promotion Office in Shanghai (hereinafter referred to as "ITPO Shanghai"), as one of UNIDO's offices in China, has further strengthened the establishment of partnerships with governments, institutions, and enterprises and the cross-border cooperation in investment and technology promotion.

The Launch Ceremony of UNIDO's "Global Alliance on Artificial Intelligence for Industry and Manufacturing (AIM-Global)" initiative, with the support of ITPO Shanghai, was held at the 2023 World Artificial Intelligence Conference. Launched at the conference, it opened a new pattern of sustainable development governance for AI Safety, AI for Good, and AI for Everyone, echoing the international cooperation framework of the "Global Digital Compact" proposed by Antonio Guterres, United Nations Secretary-General. In terms of technology empowering and strengthening the docking function of scientific and technological innovation, ITPO Shanghai promotes the global application of sustainable technologies through the World Industrial & Innovative Technology Cooperation Initiative (WiiTs), and a total of more than 500 green and sustainable technologies and solutions have been submitted to the database, gaining widespread attention from the impact investment community.

"The era of global boiling has arrived," and thus, it is urgent to take action to address climate change. Industry is the primary sector for global energy consumption and Carbon Dioxide emissions. As the carrier of industrial clusters, the green transformation of industrial parks is imperative. In 2023, the "Sustainable Industrial Parks" initiative, jointly launched by ITPO Shanghai and the China Investment Promotion Agency of the Ministry of Commerce of China, contributes to the green and digital transformation of China's industrial parks in a professional manner. In order to reach the dynamic equilibrium between economic development and safety supervision, ITPO Shanghai and Shanghai Chemical Industry Park jointly launched the "Green Development Index for Chemical Industry Park", which provides a set of practical tools and methodologies for China's chemical industry parks. At the same time, the leading projects that stood out in the second Campaign of Carbon-Neutral Technology & Solutions, jointly organized by ITPO Shanghai and Shanghai Jiao Tong University, provided innovative technological support for the green transformation of traditional industries and manufacturing.

Achieving a higher quality opening up is also key to improving China's investment and trade facilitation. In 2023, ITPO Shanghai makes full use of major events such as China International Import Expo, China International Fair for Investment and Trade, China (Shanghai) International Technology Import and Export Fair, and World Artificial Intelligence Conference to host and co-organize more than 43 investment promotion-related activities; at the same time, we also organize delegations from government departments, multinational companies, and specialized, high-end and innovation-driven SMEs participated in high-level overseas conferences such as the 28th Conference of the Parties on Climate Change in Dubai, the Vienna International Climate and Energy Forum, and the Hong Kong Investment Environment Promotion Conference. They demonstrated China's performance through frequent interactions with the world, business enabling environment and Shanghai's city image.

The global economy is evolving towards digitalization and green transformation. Stimulating new productive forces, intrinsically "green productive forces", is the surging driving force for China's high-quality development. ITPO Shanghai will promote the transformation of traditional industrial chains into green by strengthening new international partnerships. The optimization and upgrading of the industrial chain will promote inclusive and sustainable industrial development with a special focus in the Yangtze River Delta Region led by Shanghai.

ZHAO Xiaolei

Head of UNIDO Investment and Technology Promotion Office Shanghai  
UNIDO Shanghai Investment Promotion Centre

March 2024



亲爱的朋友们、伙伴们：

2023年，我们置身于动荡多变的时代。地缘政治紧张，经济复苏缓慢，发展鸿沟拉大，自然灾害和极端天气事件频发。但在这个充满挑战的时代，联合国系统作为全球治理的核心，仍努力来弥合分歧，为人类的共同未来寻找希望：第28次气候变化缔约方大会（COP28）达成了“阿联酋共识”；生成式人工智能的横空出世在赋能工业制造业提质增效的同时，倒逼各国尽快响应联合国的“全球数字契约”倡议，以跟上技术进步的速度；“一带一路”高峰论坛和金砖国家合作机制向新兴市场国家的扩员等促进发展中国家间合作的行动，向世界展示了多边协作的丰硕成果。

2023年是联合国工业发展组织（UNIDO）全球投资与技术促进网络独立成司局后完整运营的一年。联合国工业发展组织投资与技术促进办公室（中国上海）（简称“上海ITPO”）作为UNIDO在华的机构办公室之一，进一步加强了与政府、机构和企业的伙伴关系建立、推动了投资和技术的跨境合作。

在上海ITPO的助推下，UNIDO“全球工业与制造业人工智能联盟倡议(AIM-Global)”在2023世界人工智能大会上发起，响应了联合国秘书长古特雷斯关于“全球数字契约”的国际合作框架，开启了AI安全、向善、共享的可持续发展治理新格局。在技术带动投资、加强科技创新策源功能方面，上海ITPO通过产业技术创新与国际合作倡议(WiiTs)推动了可持续技术的全球化应用，累计500多项绿色可持续技术和解决方案已申报入库，获得了影响力投资圈的广泛关注。

“全球沸腾的时代已经到来”，采取应对气候变化的行动刻不容缓。工业是全球能源消耗和二氧化碳排放的最主要领域，作为产业集群的载体，工业园区的绿色转型势在必行。2023年，上海ITPO与中国商务部投资促进事务局共同发起的“可持续产业园区”倡议，将对中国产业园区的绿色化和数字化转型贡献一份专业的力量。为解决园区经济发展和安全监管动态平衡问题，上海ITPO和上海化学工业区联合推出的《化工园区绿色发展指数》，为中国化工园区提供了一套切实可行的工具和方法论。同时，在上海ITPO与上海交通大学共同举办的第二届十大碳中和技术方案征集活动中脱颖而出的领军项目，为传统工业与制造业的绿色转型提供了创新技术支撑。

更高质量的开放是进一步促进中国投资贸易便利化的关键。2023年，上海ITPO充分利用中国国际进口博览会、中国国际投资贸易洽谈会、中国（上海）国际技术进出口交易会、世界人工智能大会等重大活动，主办及协办超过43场投资促进相关活动；同时，也组织政府部门、跨国公司、专精特新企业代表团参加迪拜第28次气候变化缔约方大会、维也纳国际气候与能源论坛、香港投资环境推介会等高能级海外会议，通过与世界频繁互动展示了中国的投资环境和上海的城市形象。

全球经济正朝着数字化和绿色化转型的方向演进，激发以绿色为底色的新质生产力是中国高质量发展的澎湃动力，上海ITPO将通过加强新型国际合作伙伴关系，促进传统产业链向绿色产业链的优化升级，从而重点推动以上海为龙头的长三角区域实现包容和可持续产业发展。

赵晓蕾 主任

联合国工业发展组织投资与技术促进办公室(中国·上海)

联合国工业发展组织上海投资促进中心

2024年3月





Newly Identified Technologies

识别16项新技术项目

「16」

「1」

Publication

• *Research Report on Green Development Index of Chemical Industry Parks*

编写1份专业报告  
• 《化工园区绿色发展指数研究报告》

International and National Events

主办或协办43场国际及国内会议活动

「43」

「4」

Business Delegations

组织4次商务代表团出访

「2」

Initiatives

• *Global Alliance on Artificial Intelligence for Industry and Manufacturing*  
• *Sustainable Industrial Parks Initiative*

发布 2 项倡议

• *全球工业和制造业人工智能联盟倡议*  
• *可持续产业园区倡议*

Partners

深化89个合作伙伴关系

「89」

「1.23 BILLION」

Audience Coverage

覆盖12.3亿人次

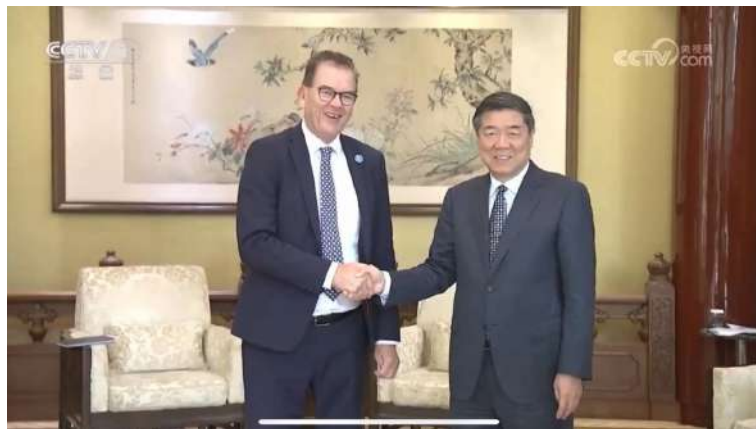
UNIDO is a bridge and platform for global technology and knowledge transfer, investment and partnership

联合国工业发展组织是促进国际技术和知识转让、投资与伙伴关系建立的桥梁与平台

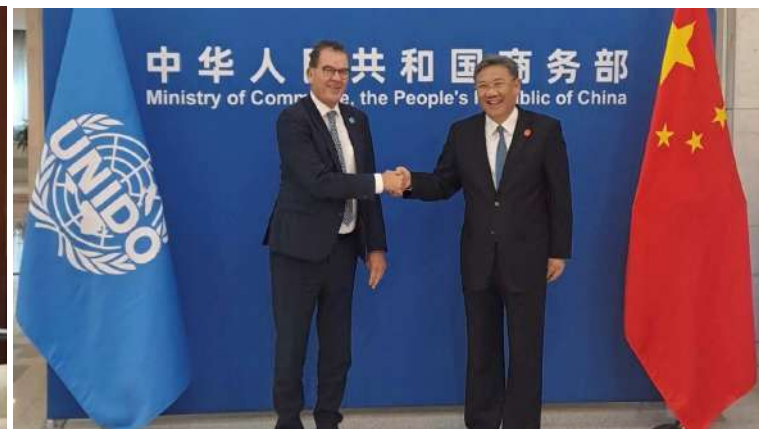
Director General Gerd Müller said, "We are entering a new quality of cooperation with China. We take note of President's Xi Jinping's eight priority areas under the BRI over the next 10 years and will work together to achieve those. These key areas include digitalization, decarbonization, agrotech and the circular economy. China is making concrete commitments to transfer technology and bring investment to developing countries to alleviate poverty and accelerate their progress to achieve the Sustainable Development Goals."



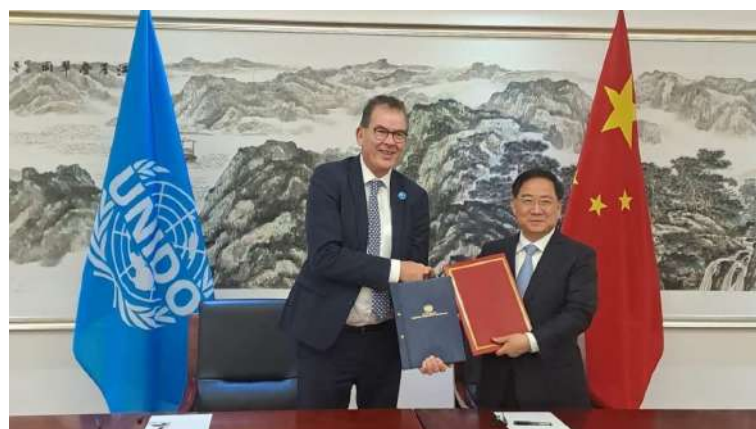
联合国工业发展组织总干事穆勒表示：“我们与中国的合作正在进入新的阶段。我们赞赏习近平主席提出的‘一带一路’未来10年发展的八个优先领域，并将与中国共同努力实现这些目标。这些关键领域包括数字化、脱碳、农业技术和循环经济。中国做出了向发展中国家转让技术和投资以减轻贫困、加速实现可持续发展目标的具体承诺。”



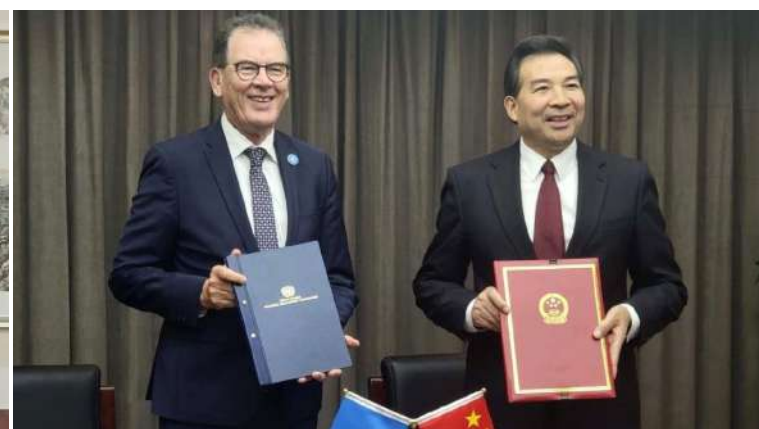
Director General with HE Lifeng, Vice Premier of the State Council of China. UNIDO总干事穆勒在京受到国务院副总理何立峰接见



Director General with WANG Wentao, Minister of Commerce, and signed Strategic Cooperation Framework (2023-2025) between UNIDO and China. UNIDO总干事穆勒在京会见商务部部长王文涛，共同签署《中华人民共和国政府与联合国工业发展组织2023-2025年战略合作框架》



Director General with JIN Zhuanglong, Minister of Industry and Information Technology, and signed a new Memorandum of Understanding. UNIDO总干事穆勒在京会见工业和信息化部部长金壮龙，并续签《中华人民共和国工业和信息化部与联合国工业发展组织谅解备忘录》



Director General with LUO Zhaohui, Chairman of China International Development Cooperation Agency, and signed a new Memorandum of Understanding. UNIDO总干事穆勒在京会见国家国际发展合作署署长罗照辉，并续签《中华人民共和国国家国际发展合作署与联合国工业发展组织谅解备忘录》

## About United Nations Industrial Development Organization 联合国工业发展组织简介

UNIDO is a specialized agency of the United Nations with a unique mandate to **promote and accelerate sustainable industrial development.**

联合国工业发展组织（UNIDO）成立于1966年，1985年成为联合国专门机构，其宗旨是**促进和加速可持续工业发展。**

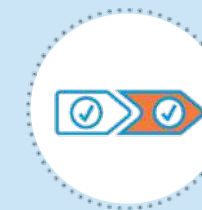
Our mandate is reflected in Sustainable Development Goal (SDG) 9: "Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation", but UNIDO's activities contribute to all the SDGs.

我们的任务体现在可持续发展目标（SDG）9中：“建设具有适应力的基础设施，促进包容性和可持续的工业化，推动创新”，但UNIDO的活动贡献于所有可持续发展目标。我们通过**四个互补的核心职能**为我们的172个成员国提供服务：

We deliver value to our 172 Member States through **four complementary core functions:**

- **Technical cooperation**
- **Action-oriented research and policy advisory services**
- **Normative standards-related activities**
- **Fostering partnerships for knowledge and technology transfer**

- **技术合作**
- **行动导向的研究和政策咨询服务**
- **规范标准制定**
- **建立伙伴关系以促进知识和技术转移**



Our work is concentrated on the following priorities:

我们的工作重点集中在以下几个方面：

- **Clean energy and climate action** – using renewable energy and accelerating energy efficiency to reduce industrial green-house gas emissions and applying nature-based solutions (NbS) for adaptation to and mitigation of climate change.
- **Ending hunger** – by reducing post-harvest losses and developing sustainable agribusiness value chains and promoting innovative yet affordable agro-technology for improved food security and quality.
- **Sustainable supply chains** – by promoting fair and environmentally responsible local industrial production so that developing country producers get a fair deal and scarce resources are preserved.

- **分享新技术以更有效应对气候变化** – 使用可再生能源和提升能源效率来减少工业温室气体排放，并采用基于自然的解决方案（NbS）来实现气候变化的适应与减缓。
- **加强农业领域合作以消除饥饿** – 通过减少收获后损失、发展可持续的农业产业价值链，以及推广创新且可负担的的农业技术来改善食品安全和质量。
- **打造公平和可持续的供应链** – 通过促进公平和有利环境的本地工业生产，确保发展中国家的生产者能够进行公平的交易，并保护稀缺资源。

Cutting across these priorities we pursue the creation of decent jobs, women's economic empowerment, innovative technology and knowledge transfer, digitalization and artificial intelligence (AI), investment promotion, training and skills development, the circular economy and environmental protection.

在这些重点领域的基础上，我们还致力于创造体面的就业机会，开展女性经济赋能工作，推动新技术知识转让、数字化转型和人工智能发展、投资促进，开展能力建设，以及发展循环经济和环境保护。



# About UNIDO Worldwide and the ITPOs Network

## 联合国工业发展组织全球布局及投资与技术促进办公室网络简介



**ITPO**  
INVESTMENT AND TECHNOLOGY  
PROMOTION OFFICE  
SHANGHAI, CHINA

UNIDO ITPO Shanghai  
联合国工业发展组织  
投资与技术促进办公室  
中国上海

**172** Member States  
个成员国

UNIDO has 172 Member States, which provide assessed contributions to fund a regular budget for the organization's administration, research and other regular expenses. Member State representatives guide the principles and policies of the organization and approve its budget and work programme.

UNIDO拥有172个成员国，他们为组织的运营、调研和其他日常开销提供支持。成员国代表负责制定组织的方针政策，审批预算和工作计划。

**48** Field Offices  
驻地办公室

In addition to the headquarters in Vienna, UNIDO has liaison offices in Brussels, Geneva and New York, and 48 field offices around the world.

除了维也纳总部外，UNIDO还在布鲁塞尔、日内瓦和纽约设有联络处，并设有48个国别驻地代表处。

**1,000** Projects  
个项目

UNIDO is implementing around 1,000 technical cooperation projects and programmes in more than 120 of its Member States. The main non-country donors are the Global Environment Facility (GEF), the European Union, and the Multilateral Fund for the Implementation of the Montreal Protocol.

UNIDO正在超过120个成员国内开展近1000技术合作项目。成员国以外的主要合作伙伴包括全球环境基金，欧盟和蒙特利尔议定书多边基金。

**10** Investment and Technology Promotion Offices  
个投资与技术促进办公室

UNIDO's Investment and Technology Promotion Network consists of 10 Offices (ITPOs). (ITPOs in Shanghai, China; Berlin and Bonn, Germany; Lagos, Nigeria; Manama, Bahrain; Moscow, Russia; Rome, Italy; Seoul, Korea; Beijing, China; Tokyo, Japan)

UNIDO全球投资与技术促进网络设有10处办公室，包括：中国上海、德国柏林、德国波恩、尼日利亚拉各斯、巴林麦纳麦、俄罗斯莫斯科、意大利罗马、韩国首尔、中国北京和日本东京。

### UNIDO Investment and Technology Promotion Offices 联合国工业发展组织投资与技术促进办公室

UNIDO's Investment and Technology Promotion Offices (ITPOs) contribute to the reduction of development imbalances by brokering investment and technology agreements between developed and developing countries.

The ITPOs aim to bridge global investment and technology gaps by

- opening up opportunities for investors and technology suppliers;
- finding potential partners for businesses in developed and developing countries;
- offering unique services to both entrepreneurs and business institutions.

Ten ITPOs have been established, together constituting the ITP Network. This Network

- provides support through partnerships,
- promotes capacity-building activities,
- offers advisory services,
- organizes global forum events,
- carries out investment and technology project assessments,
- and promotes matchmaking activities.

联合国工业发展组织投资与技术促进办公室 (UNIDO ITPOs) 通过促成发达国家和发展中国家之间的投资和技术协议，助力减少发展不平衡。ITPOs旨在通过以下方式弥合全球投资和技术差距：

- 为投资者和技术供应商提供机会；
- 为发达国家和发展中国家的企业寻找潜在合作伙伴；
- 为企业家和商业机构提供服务。

目前，全球已经建立了十个投资与技术促进办公室，共同构成了投资与技术促进网络 (ITP Network)。这一网络

- 通过伙伴关系提供支持，
- 推动能力建设活动，
- 提供咨询服务，
- 组织全球论坛活动，
- 开展投资和技术项目评估，
- 并促进投资对接活动。



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As one of the ten ITPOs, UNIDO Investment and Technology Promotion Office Shanghai (ITPO Shanghai) was established in 2001 based on an agreement between the Shanghai Municipal Government, Ministry of Commerce of China and UNIDO. The mandate of ITPO Shanghai is to promote both inward and outward investment and technology cooperation, and to achieve an inclusive and sustainable industrial development, by taking advantage of UNIDO global network and headquarters' resource.

Over the past 23 years, UNIDO ITPO Shanghai has facilitated the successful organization of high-level conferences such as the UNIDO Bridge for Cities Event, the Hannover Messe in Germany, the Global Manufacturing and Industrialization Summit (GMIS), the United Nations Conference of the Parties (COP), the Vienna International Energy and Climate Forum (IVECF), the China International Import Expo (CIIE), the World Artificial Intelligence Conference (WAIC), the China (Shanghai) International Technology Fair (CSITF), the Shanghai City Promotion Conference, and the China International Industrial Fair (CIIF); to realize the docking of technology projects, establish SJTU-UNIDO Joint Research Institute for Inclusive and Sustainable Industrial Development, and launch World Industrial & Innovative Technology Cooperation (WiiTs) Initiative, promoting the global application of sustainable technology; to carry out the capacity building activities, incl. China Urban Development Zone/Theme Park Operation Advanced Seminar, to empower impact investment. With outstanding achievements in investment and technology promotion, the UNIDO ITPO Shanghai team has received many international honors.

## OUR SERVICES AND APPROACH

- Implement the two-way investment and technology advisory platform (ITAP) to strengthen global partnerships; open up global information channels for investment projects and technology promotion through the UNIDO Global Call; and promote investment and technology application through innovative accelerators and demonstration bases.
- Introducing international standards and frameworks into China, and supporting the local green and digital transformation and enhancing regional business enabling environment (BEE) and investment competitiveness, through "Sustainable Industrial Parks Initiative", "World Industrial & Innovative Technology Cooperation (WiiTs) Initiative", and "UNIDO Global Alliance on Artificial Intelligence for Industry and Manufacturing (AIM-Global)".
- Carry out capacity building activities around the knowledge sharing center for industry synergy, the empowerment center for impact investment, and the roadshow center for technological innovation projects' business matchmaking, so as to serve for the staff of investment promotion agencies (IPAs) and equip young talents with Global Competence.

作为全球十个投资与技术促进办公室之一，联合国工业发展组织投资与技术促进办公室（中国上海）（简称“UNIDO上海ITPO”）成立于2001年，由联合国工业发展组织、中国商务部和上海市三方共建，旨在利用联合国工业发展组织全球网络和总部资源优势，推动双向投资与技术合作，实现包容与可持续发展。

成立23年来，UNIDO上海ITPO致力于建设全球高能级交流合作平台，已助力在UNIDO全球一带一路城市大会、德国汉诺威工业博览会、全球制造业与工业化峰会、联合国气候变化大会、维也纳国际能源与气候论坛、中国国际进口博览会、世界人工智能大会、中国（上海）国际技术进出口交易会、上海城市推介大会、中国国际工业博览会等高级别会议的成功举办；成立上海交大-联合国工发绿色增长联合研究院并首创发起产业技术创新与国际合作倡议（WiiTs），实现技术项目对接，推动可持续技术的全球化落地与应用；赋能影响力投资，开展“中国城市园区/主题园区运营高级研修班专业培训项目”。凭借突出的投资与技术促进成果，UNIDO上海ITPO团队先后获得多项国际荣誉。

## 我们的服务和实施路径

- 搭建双向投资技术促进咨询平台（ITAP），加强全球伙伴关系；通过联合国工业发展组织全球方案征集（UNIDO Global Call），打通全球投资项目和技术合作信息渠道；通过创新加速器和示范基地促进投资和技术应用落地。
- 引入国际标准及框架，通过“可持续产业园区倡议”、“产业技术创新与国际合作倡议（WiiTs）”及“全球工业与制造业人工智能联盟（AIM-Global）”，支持地方绿色和数字化转型，提升区域营商环境和投资竞争力。
- 围绕产业协同发展的知识分享中心、影响力投资的赋能中心、技术创新项目和资本对接的路演中心等，开展能力建设活动，服务投资促进机构（IPAs）专业队伍建设，培养拥有全球胜任力的青年人才。





Group Photo of Speakers, UNIDO Day 2023  
2023 联合国工业发展组织主题日嘉宾合影

## WiiTs Initiative @ CSITF UNIDO Day 2023 WiiTs倡议 | 2023上交会联合国工业发展组织主题日



The China (Shanghai) International Technology Fair (CSITF) is the only national-level platform in China with a focus on technology trade. The United Nations Industrial Development Organization (UNIDO) has been a key international organization supporting the CSITF for eight consecutive years since 2014. It has organized the 'UNIDO DAY' event, providing an important international exchange platform for global technological innovation, technology trade investment, and cross-border cooperation.

中国（上海）国际技术进出口交易会是中国唯一一个以技术贸易为主题的国家级平台。联合国工业发展组织作为上交会的主要国际组织支持方，自2014年以来连续八年积极支持上交会，举办“联合国工业发展组织主题日”UNIDO DAY活动，为全球科技创新、技术贸易投资和跨境合作搭建了重要的国际交流平台。

2023 UNIDO Day was held on June 16, 2023, during the 9th CSITF, on the theme of "Innovative Design Empowers Sustainable Development". UNIDO Day 2023 was jointly hosted by UNIDO and Shanghai Jiao Tong University (SJTU), and co-organized by ITPO Shanghai, SJTU School of Design, and Shanghai Foreign Investment Association. The 2023 UNIDO Day is a full-day event, consisting of the main forum in the morning and a roadshow docking meeting in the afternoon. On the day of the event, more than 170 people participated offline, and the number of online participants from home and abroad reached up to 500.

The World Industrial Innovative Technology Promotion (WiiTs) Initiative is a social initiative launched in 2020 by ITPO Shanghai and Joint Research for Inclusive and Sustainable Industrial Development, supported by UNIDO. By the end of 2023, WiiTs has collected more than 500 applications, of which over 30 applications have been certified.



**Host:** United Nations Industrial Development Organization (UNIDO), Shanghai Jiao Tong University (SJTU)  
**Supporter:** China International Center for Economic and Technical Exchanges (CICETE), Shanghai Commission of Commerce (SCOFCON)  
**Organizer:** UNIDO ITPO Shanghai, SJTU School of Design, Shanghai Foreign Investment Association  
**主办:** 联合国工业发展组织、上海交通大学  
**支持:** 中国国际经济技术交流中心、上海市商务委员会  
**承办:** 联合国工业发展组织投资与技术促进办公室（中国上海）、上海交通大学设计学院、上海市外商投资协会

UNIDO has held the UNIDO Day for eight consecutive sessions at CSITF, establishing an important international exchange platform for global technological innovation, technical trade investment, and cross-border cooperation. Each year the award ceremony for WiiTs certified technologies is held at the UNIDO Day and the winning projects are arranged to participate in the technology matchmaking activities.

2023年 UNIDO Day以“创新设计赋能可持续发展”为主题，由联合国工业发展组织和上海交通大学联合主办，UNIDO上海ITPO、上海交通大学设计学院和上海市外商投资协会共同承办。2023工发主题日系列活动设置为全天活动，包括上午场主论坛和下午场路演对接会。活动当天线下有170余人参加了活动，线上参与的海内外观众多达500人次。

产业技术创新与国际合作平台（WiiTs）是在联合国工业发展组织支持下，由UNIDO上海ITPO和上海交通大学绿色增长联合研究院于2020年共同发起的社会倡议。经长期积累，截止2023年底已经汇集500多项应用项目，其中30多项应用案例获得WiiTs认证。

联合国工业发展组织连续八届在上交会举办联合国工业发展组织主题日活动，为全球科技创新、技术贸易投资和跨境合作搭建了重要的国际交流平台。每年WiiTs认证技术的颁奖仪式都会在工发日活动举行，并安排获奖项目参加工发日的技术对接活动。



## Highlights of 2023 2023年度亮点



Fatou Haidara, Deputy to the Director General of UNIDO  
UNIDO 副总干事法图·海达拉致辞

## Initiative Fuels Action 倡议促进全球协作



通过视频参加2023联合国工发组织主题日活动  
to attend UNIDO Day 2023 virtually

CHEN Deming, Former Minister of Commerce of China  
中国商务部原部长陈德铭致辞



ZHOU Lan, Deputy Director General of Shanghai Municipal Commission of Commerce  
上海市商务委员会副主任周岚致辞



ZHANG Yi, Deputy Director General of CICETE  
商务部中国国际经济技术交流中心副主任张翼致辞



XI Lifeng, Vice President of SJTU  
上海交通大学副校长奚立峰致辞



ZHAO Xiaolei, Head of UNIDO ITPO Shanghai  
UNIDO 上海ITPO 主任赵晓蕾致辞

Fatou Haidara, Deputy to the Director General of UNIDO, and CHEN Deming, former Minister of Commerce of China, both delivered video speeches at the main forum of the morning session. 6 project partners were awarded certificates of registration for the WiTs Platform, and 12 groups of winning projects for the "ReNewal"-themed FourC 24-hour Design Challenge were unveiled. Softbank China, SAIC Group, and BOE Group signed letters of investment intent with SJTU School of Design.

The afternoon session features the China-French AI Technology Applications Seminar, focusing on international project roadshows and investment docking. It was connected in real-time with the SBA Entrepreneurship Camp at the preheating event of the World AI Cannes Festival in France. 10 excellent projects were showcased in the roadshow and as many as 26 European investors or institutions participated in the roadshow docking.

UNIDO pavilion also displayed the market application models of the winning projects of the previous FourC 24-Hour Challenges, such as the smart windows, the transparent OLED, and the smart wheelchairs, which aroused the attention of the society.

联合国工业发展组织副总干事Fatou Haidara和中国商务部原部长陈德铭视频致辞，6家项目方获得了WiTs的注册项目证书。以“ReNewal”为主题的FourC 24小时设计挑战赛的12组获奖作品揭晓，软银中国、上汽集团、京东方集团与上海交通大学设计学院签订了投资意向。在“中法人工智能产业应用研讨会”环节，活动以国际项目路演和投资对接为主，实时连线法国戛纳The World AI Cannes Festival预热活动SBA创业营，有10家优秀项目路演，多达26家欧洲投资人或机构参加了路演对接。UNIDO展台也展示了往届FourC 24小时挑战赛获奖作品的市场应用模型，如智慧视窗、透明OLED和智慧轮椅等，引发社会关注。



WiTs Confirmation Letter Awarding  
产业技术创新与国际合作倡议 (WiTs) 注册项目授牌仪式



Signing Ceremony for Collaborative Intentions for the Four C Challenge 24-hour Design Charrette  
Four C Challenge 24小时设计挑战赛企业合作意向签约仪式



UNIDO Pavilion at CSITF  
上交会UNIDO 展台



The China-French AI Technology Applications Seminar  
中法人工智能产业应用研讨会

35,000 m<sup>2</sup>

Exhibition area  
展览面积

37925

Participants  
专业观众

958

Exhibitors  
参展企业

11

Countries  
国家

27

Provinces  
省份

61

Innovative projects  
创新项目

35

Sessions  
配套活动

535

Cooperation  
合作意向

1000+

Matchmaking  
现场对接

## Highlights of 2023 2023年度亮点

## Initiative Fuels Action 倡议促进全球协作

### WiiTs Initiative @ COP 28 WiiTs倡议 | 第28届联合国气候变化大会



UN Climate Change conferences (COP) take place every year and are the world's only multilateral decision-making forum on climate change with almost complete membership of every country in the world. More than 85,000 delegates attended COP28, including the member states (or Parties) of the UN Framework Convention on Climate Change (UNFCCC), business leaders, young people, climate scientists, Indigenous Peoples, journalists, and various other experts and stakeholders are also among the participants. The 28th Conference of the Parties (COP28) to the United Nations Framework Convention on Climate Change was held in Dubai. Leaders and representatives from more than 160 countries gathered at the Expo City in Dubai to jointly formulate a more ambitious global plan. ITPO Shanghai organized representatives of outstanding projects on the WiiTs platform as the Shanghai delegation to COP28. On December 1, 2023, ITPO Shanghai and UNFCCC Global Innovation Hub (UGIH) co-hosted a specialized event on "Sustainable Technological Solutions to Addressing Adverse Effects of Climate Change by the Artistic Way", sharing systemic solutions for Shanghai, China in dealing with climate change.

联合国气候变化大会是以气候行动为主题的政府级大型年度会议，也是《联合国气候变化框架公约》缔约方大会。有超过8.5万名代表参加第28届联合国气候变化大会，包括《联合国气候变化框架公约》缔约方、行业领袖、青年活动家、土著社区代表、记者和其他利益攸关方。在COP28上，超过160多个国家的领导人和代表齐聚迪拜标志性建筑世博城，共同制定全球应对气候变化的更具雄心的计划。上海ITPO组织WiiTs平台优秀项目方作为上海代表团参加了COP28。2023年12月1日，上海ITPO与UNFCCC全球创新中心共同举办了“以艺术之道应对气候变化的可持续技术解决方案”的专题活动，分享了中国上海在应对气候变化中的系统性解决方案。



ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, participated in the Side Event "MSMEs' facing energy transition: Innovative solutions in finance & technology for value chains" of WUSME, EpE, RCREEE and delivered a keynote speech. 上海ITPO主任赵晓蕾受世界中小企业联盟 (WUSME) 邀请参加“中小企业能源转型：让金融科技赋能价值链创新解决方案”边会并发表主旨演讲。



Shanghai Delegation at COP28  
上海代表团在COP28

WONG To-kei, Director of CSCI, shared the second phase of the Hong Kong Organic Recycling Center (O-PARK2) with the theme of "Turn waste into treasure: O-PARK2 helps low-carbon emission reduction and resource conversion of food waste". Soufiane Belkhiri, Asia Managing Director of Bertin Technologies (French), introduced the company's Sterilwave solution with the theme of "Medical Waste Management Revolution in the Post-Pandemic Era". With the theme of "Using Digital Avatars and Industrial AI to Increase Efficiency and Reduce Emissions", Maxine Fu, Chairman of Shanghai Yo-i Information Technology Co., Ltd., demonstrated the impact of Yo-i's intelligent AI system on construction, medical care, and energy. Ms. ZHAO Xiaolei made a concluding statement on the event.

On December 3, 2023, a tripartite joint meeting was organized by the World Union of Small and Medium Enterprises (WUSME), the French Business Environmental Association (EpE), and the Regional Center for Renewable Energy and Energy Efficiency (RCREEE). ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, participated in the meeting and delivered a keynote speech. The conference focused on "MSMEs' facing energy transition: Innovative solutions in finance & technology for value chains", with participants focusing on the energy transition of small and medium-sized enterprises (SMEs). Drawing on practical experiences from various countries, they proposed measures and recommendations, and envisioned future trends.

中国建筑香港分公司董事黄道基以“变废为宝：O-PARK2助力厨余垃圾的低碳减排和资源转换”为主题，分享了香港有机回收中心第二期 (O-PARK2) 的方案经验。法国Bertin科技公司亚洲董事总经理Soufiane以“后疫情时代的医疗废弃物管理革命”为主题，介绍了该公司的Sterilwave解决方案。以“用数字分身和工业AI增效减排”为主题，上海优也信息科技有限公司董事长傅源展现了优也智能AI系统对建筑、医疗、能源三大板块上的能源管理优化解决方案。赵晓蕾团长做了活动总结发言。

2023年12月3日，由世界中小企业联盟 (WUSME)、法国企业环境协会 (EpE) 和可再生能源及能源效率区域中心 (RCREEE) 共同举办三方联合会议。上海ITPO主任赵晓蕾受邀参加会议并发表主旨演讲。本次会议以“中小企业能源转型：让金融科技赋能价值链创新解决方案”为主题，各位与会嘉宾聚焦中小企业能源转型，结合各国实践提出举措建议，展望未来趋势。





Official launching of the UNIDO AIM-Global  
UNIDO正式宣布成立AIM-Global联盟的倡议

## AIM Global Initiative @ World AI Conference 2023 全球工业和制造业人工智能联盟倡议 | 2023世界人工智能大会



The World Artificial Intelligence Conference (WAIC) is an international platform jointly hosted by national departments of China and the Shanghai municipal government. Since its establishment in 2018, UNIDO ITPO Shanghai has provided support for WAIC for six consecutive years. At the 6th WAIC, UNIDO officially launched the "Global Alliance on Artificial Intelligence for Industry and Manufacturing" (AIM-Global), a groundbreaking collaboration platform designed to bring together governments, international organizations, and the private sector and industry leaders to shape the future of AI.

世界人工智能大会是由中国国家相关部委和上海市政府共同打造的国际高端合作交流平台，自2018年创办以来大会已成功举办六届，而UNIDO上海ITPO也连续6年为WAIC提供支持。联合国工业发展组织在2023年世界人工智能大会发布的全球工业和制造业人工智能联盟倡议，旨在汇聚政府、国际组织、私营部门和人工智能领域的行业领导者，把技术道德、以人为本和可持续的理念置于技术发展的最前沿，共同塑造人工智能的未来。



UNIDO's Global Alliance on Artificial Intelligence for Industry and Manufacturing (AIM-Global) was launched at the 2023 World AI Conference (WAIC 2023) held in Shanghai, China. This pioneering initiative aims to foster the responsible, sustainable, and inclusive application of artificial intelligence in the industrial sector, in accordance with the UN Secretary-General's call to establish a Global Digital Compact that upholds shared principles for an open, free, and secure digital future for all. On the establishment of AIM-Global, Mr. Gerd Müller, UNIDO Director General, pointed out that AIM-Global will be at the forefront of shaping the AI landscape, with it, we could work collaboratively to build a future where AI is a force for good, where its benefits are accessible to all, and where innovation thrives in harmony with our shared values.

The launch of AIM-Global brought together international figures in the field of AI, including high-level government representatives, policymakers, and leading experts from public and private sectors, who convened to exchange knowledge, share best practices, and forge strategic partnerships. Several founding partners, including Shanghai Municipal People's Government and UNIDO Investment and Technology Promotion Office (ITPO) Shanghai committed to support the pioneering efforts to enhance industrial competitiveness and sustainable development through AI.

LIU Duo, Vice Mayor of Shanghai, ZOU Ziyong, Deputy to the Director General and Managing Director of UNIDO, YANG Zhenbin, Secretary of the Party Committee of Shanghai Jiao Tong University, H.E. Gloria Carvalho, Vice Minister for the Development of Information and Communication Technologies, Ministry of Popular Power for Science and Technology, Venezuela, SHAO Guanglu, General Manager of China Telecom Group, ZHANG Yuan (Vicky), Vice President of Corporate Communications, Huawei, GU Wei, Vice President of Tencent Cloud, AN Xiaopeng, Director of Intelligent Technology Research Center Alibaba Cloud, and Benny Schrader, Director of Artificial Intelligence Technology, INC Innovation Center, Germany, jointly launched the AIM-Global Alliance.

On July 6, 2023, The UNIDO Delegation was invited to attend the WAIC 2023 "Industrial Development" Plenary Meeting. Representing UNIDO, Mr. ZOU Ziyong, Deputy to the Director General, delivered a keynote speech marking the inauguration of AIM-Global and called for active participation in joint action in the transformative field of artificial intelligence.

AIM-Global is a groundbreaking collaboration platform designed to bring together governments, international organizations, and the private sector and industry leaders who recognize the transformative potential of AI in driving inclusive and sustainable industrial development. By uniting global stakeholders under a common vision, AIM-Global seeks to shape the future of AI while ensuring that ethical considerations, human-centricity, and sustainability remain at the forefront of technological advancements.

在中国上海举行的2023世界人工智能大会 (WAIC 2023) 开幕式环节，联合国工业发展组织 (UNIDO) 正式发布成立全球工业和制造业人工智能联盟 (以下简称 "AIM-Global联盟")，并宣布成立联合国工业发展组织国际工业与制造业人工智能发展卓越中心。这一开创性的举措旨在响应联合国秘书长关于达成全球数字契约的呼吁，促进在工业部门负责地、可持续地和包容性地应用人工智能，坚持共同原则，为所有人创造一个共享开放、自由和安全的数字未来。对于联盟的成立，UNIDO总干事格尔德·穆勒 (Gerd Müller) 指出，AIM-Global联盟将站在塑造人工智能愿景的最前沿，共同创造人工智能向善的明天，使人工智能技术惠及所有人，让创新精神在共同价值观中蓬勃发展。

AIM-Global联盟将汇集人工智能领域具有影响力的人物，包括高级别政府代表、政策制定者以及来自公共和私营部门的顶尖专家，共同交流知识，分享最佳实践，并建立战略伙伴关系。数个创始成员伙伴，包括上海市人民政府和联合国工业发展组织投资与技术促进办公室 (中国上海) (以下简称 "UNIDO上海ITPO") 等承诺支持AIM-Global联盟的成立，为通过人工智能来加强工业竞争力和产业可持续发展做出开创性努力。

上海市副市长刘多、联合国工业发展组织副总干事兼执行干事邹利勇、上海交通大学党委书记杨振斌、委内瑞拉科学技术部信息与通信技术发展副部长格洛丽亚·卡瓦略、中国电信集团总经理邵广禄、华为企业沟通部副总裁张园、腾讯云副总裁顾伟、阿里云智能科技研究中心主任安筱鹏以及德国INC创新中心人工智能技术总监本尼·施拉德共同启动了AIM-Global联盟的发布按钮。

AIM-Global联盟旨在将政府、国际组织、私营部门和人工智能领域的行业领导者聚集在一起的开创性合作平台。这一联盟将全球利益相关者团结在共同愿景下，始终把技术道德、以人为本和可持续的理念置于技术发展的最前沿，共同塑造人工智能的未来。



Mr. Gerd Müller, UNIDO Director General delivered a video speech at the Opening Ceremony  
UNIDO总干事格尔德·穆勒在开幕式上视频致辞



Mr. ZOU Ziyong, Deputy to the Director General delivered a keynote speech at the Plenary Session  
邹利勇副总干事代表UNIDO在产业全体论坛上发表主旨演讲



## Highlights of 2023 2023年度亮点

## Initiative Fuels Action 倡议促进全球协作

### UNIDO Delegation was invited to attend WAIC 2023 "Industrial Development" Plenary Meeting UNIDO代表团受邀出席WAIC 2023产业发展全体会议

The UNIDO Delegation was invited to attend the WAIC 2023 "Industrial Development" Plenary Meeting. Representing UNIDO, Mr. ZOU Ciyong, Deputy to the Director General, delivered a keynote speech marking the inauguration of AIM-Global and called for active participation in joint action in the transformative field of artificial intelligence.

工发代表团受邀出席WAIC 2023产业发展全体会议。邹刺勇副总干事代表UNIDO发表主旨演讲庆祝AIM-Global联盟成立，并呼吁在人工智能这一变革性领域积极参与采取联合行动。

### UNIDO ITPO Shanghai Discussed "Technology and Innovation" with the Business Sectors UNIDO上海ITPO与全球企业共话“技术与创新”

On the afternoon of July 7, the "International AI Forum: Global Sustainable Development of AI", supported by UNIDO ITPO Shanghai, was successfully held at the Shanghai World Expo Center. In the opening remarks, ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, stated that UNIDO ITPO Shanghai will join forces with the UNIDO to fully support the establishment of the AIM-Global Alliance. Private sector opinion leaders such as Rene Arnold, Vice President of Public Affairs Strategy at Huawei Technologies Ltd.; Benny Drescher, Technical Director at INC Innovation Center (Germany); Qin Jiang, Director of the Industry Empowerment Center at SenseTime; Ava Liu, Senior Manager at PwC China; Kai Shen, Partner at McKinsey China and Head of Digital and AI in the TMT industry in Asia, and Mingxiao Zhao, Deputy Dean of Chengdu Institute of New Economic Development, participated in the discussion. Marco Kamiya, Chief of UNIDO's Digital Transformation and AI Strategies Division, chaired the roundtable discussion. Gloria Carvalho, Vice Minister for the Development of Information and Communication Technologies in Venezuela, and Maengho Shin, Head of UNIDO ITPO Korea, also attended the event.

7月7日下午，由UNIDO上海ITPO支持的“人工智能助力全球可持续发展国际AI论坛”在上海世博展览馆成功举办。UNIDO上海ITPO主任赵晓蕾在开场致辞中表示，UNIDO上海ITPO将与UNIDO总部形成合力，全力支持AIM-Global联盟的打造。华为公共事务战略副总裁Rene Arnold、德国INC创新中心Benny Drescher、商汤科技大装置产业赋能中心主任蒋钦、普华永道（中国）综合商务咨询高级经理刘娟、麦肯锡（中国）合伙人及TMT行业数字化和人工智能亚洲负责人沈愷、成都新经济发展研究院副院长赵明潇等私董部门意见领袖参与讨论，UNIDO数字化转型与人工智能战略司司长主持了该圆桌讨论。联合国工业发展组织韩国投资与技术促进办公室（UNIDO韩国ITPO）主任Maengho Shin出席了本次活动。

### UNIDO ITPO Shanghai supports AI empowerment to bridge the gender divide UNIDO上海ITPO支持AI赋能弥合性别鸿沟

On the afternoon of July 6, the joint report "Bridging Gender Divide in the Digital Age" by UNIDO ITPO Shanghai and Shanghai Academy of Social Sciences marked its debut at WAIC 2023 AI Women Elites Forum.

7月6日下午，由UNIDO上海ITPO和上海社会科学院经济研究所联合编撰的《弥合数字时代的性别鸿沟》报告在WAIC 2023 AI女性菁英论坛上正式亮相。



Mr. ZOU Ciyong, Deputy to the Director General interviewed at WAIC  
邹刺勇副总干事在WAIC期间接受采访



UNIDO AIM-Global: International Support  
UNIDO AIM Global倡议获国际支持



International AI Forum: Global Sustainable Development of AI  
人工智能助力全球可持续发展国际AI论坛



"Bridging the Gender Divide in the Digital Age" attracted attention  
at WAIC 2023 - AI Women Elites Forum  
《弥合数字时代性别鸿沟》在WAIC 2023·AI女性菁英论坛上广受关注



CIPA and UNIDO ITPO Shanghai launched the "Sustainable Industrial Parks Initiative"  
商务部投资促进局与UNIDO上海ITPO共同发起“可持续产业园区倡议”

## "Sustainable Industrial Parks Initiative" @ 4th China Development Zone Innovation and Development Conference 可持续产业园区倡议 | 第四届CDI开发区创新发展大会

On August 3, 2023, the 4th China Development Zone Innovation and Development Conference with the theme of "Innovate for the Future, Seek Carbon Solutions", was successfully held in Shanghai. As a supporting partner, UNIDO ITPO Shanghai was invited to attend.

In the main forum of the conference, YU Guangsheng, Deputy Director General of CIPA, and ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, jointly launched the "Sustainable Industrial Park Initiative" (hereinafter referred to as the "Initiative"). The two parties called for more partners to join the Initiative and sign the "Joint Statement of Partners for Sustainable Industrial Parks Initiative". As a positive response to the initiative, the "CDI Green Dual-Carbon Parks Program" was also launched at the conference.

WANG Hui, Investment and Technology Promotion Officer of UNIDO ITPO Shanghai, moderated the "Zero Carbon Parks Roundtable Dialogue" in the sub-forum "Dialogue on Green, Dual-Carbon and Innovative Development of China's Development Zones" and discussed the topic "How to promote green and digital transformation of parks to realize sustainable development?" with the guests of the roundtable discussion.

2023年8月3日，以“科创新生，碳索未来”为主题的2023第四届CDI开发区创新发展大会在上海成功举办。UNIDO上海ITPO作为大会支持单位受邀出席。在大会主论坛，商务部投资促进局副局长于广生与UNIDO上海ITPO主任赵晓蕾共同发起“可持续产业园区倡议”，呼吁更多合作伙伴加入倡议并签署“可持续产业园区倡议合作伙伴联合声明”。作为倡议的积极响应措施，“CDI绿色双碳百园计划”也在大会上隆重发布。UNIDO上海ITPO投资技术促进官员王晖主持了大会分论坛“中国开发区绿色双碳创新发展对话”的“零碳园区圆桌对话”环节，并就“如何促进园区绿色、数字化转型以实现可持续发展”议题与圆桌嘉宾展开讨论。



After the launch of the "Initiative for Sustainable Industrial Parks", "CDI Green dual-Carbon Parks Program" was launched  
CDI绿色双碳百园计划在“可持续产业园区倡议”发布后相应启动



WANG Hui, Investment and Technology Promotion Officer of UNIDO ITPO Shanghai, moderated the "Zero Carbon Parks Roundtable Dialogue"  
UNIDO上海ITPO投资技术促进官员王晖主持“零碳园区圆桌对话”

UNIDO ITP Network Heads Meeting and Relevant Events  
UNIDO全球投资和技术促进办公室网络主任会议及系列活动



ITPO Heads First Meeting Group Photo in Abu Dhabi, UAE, 2023  
2023年第一次阿布扎比ITPO主任会议合影

From May 7 to 12, 2023, UNIDO ITP Heads First Meeting commenced successfully in Abu Dhabi, UAE. During the Heads Meeting, ITPO Heads from the globe were invited to attend the meeting. Ms. Fatou Haidara addressed the new institutional setting, GLO functions and expectations to ITPOs. Mr. GONG Weixi stated ITP's divisional priorities and global initiatives, followed by open discussion.

Heads of ITPOs had a discussion on the strategies how to integrate the ITPO network as a whole and had a brainstorm on the collaboration with external institutional partners. Ms. ZHAO Xiaolei shared the achievements of Global Call 2022 and the cooperation background and experience with Shanghai Jiao Tong University based on MOU between UNIDO-SJTU and gave information on the three major activities; impact investment capacity building, support to identify sustainable technology providers, and internship program.

From 1 to 10 Sept 2023, UNIDO ITP Heads Second Meeting commenced successfully in Beijing, China. On Sept 6, the heads of the UNIDO Investment and Technology Promotion Office (ITPO) network came together for a virtual meeting together with Director General Gerd Müller to exchange experiences and take stock of how the ITPOs are contributing to addressing the Organization's recently sharpened priorities.

During the conference, all ITPOs presented their current initiatives and projects, also exploring how to better connect with one another to leverage respective strengths and contacts. It was quickly agreed that there is a shared desire to strengthen collaboration between the various ITPOs and UNIDO HQ itself, and to bring forward more joint initiatives. DG Müller emphasized the importance of the ITPOs' role in establishing local partnerships with the private sector – pointing to recent meetings and the related joint activities being developed with Microsoft and Google as examples of the sort of high-level outcomes that could be achieved. The Offices are to prioritize such concrete results on the ground above more academic engagement, to demonstrate the tangible benefits that UNIDO can bring.

In keeping with the strategic direction laid out during the recent Industrial Development Board and Programme and Budget Committee sessions, the Director General called for the ITPOs and headquarters to work on establishing a comprehensive framework for prioritizing the realization of high-level flagship projects in lieu of smaller-scale initiatives. These are to be developed in cooperation with host countries and in connection with local ministries and regional partners. The ITPO network will play a leading role in establishing UNIDO as a frontrunner in technology and knowledge transfer, a platform for worldwide exchange of solutions for sustainability.



Director General joining the ITPO Heads Meeting  
UNIDO总干事穆勒线上参加ITPO主任会议



ITPO Heads Second Meeting Group Photo in Beijing, China, 2023  
2023年第二次北京ITPO主任会议合影

2023年第一次联合国工业发展组织投资和技术促进办公室主任会议 (ITP Heads Meeting) 5月7日-12日在阿布扎比顺利召开。来自中国上海和北京、德国柏林和波恩、尼日利亚拉各斯、巴林麦纳麦、俄罗斯莫斯科、意大利罗马、韩国首尔和日本东京的九位ITPO主任齐聚一堂。副总干事Fatou Haidara介绍了UNIDO新的机构设置、GLO的职能以及对ITPOs的期望。龚维希介绍了ITP的部门优先事项和全球方案征集活动。

各国ITPO主任就如何整合ITPO整体网络战略与如何同外部机构开展合作进行了头脑风暴；赵晓蕾主任特别分享了2022年UNIDO Global Call的成果并介绍了根据UNIDO与上海交通大学签署合作谅解备忘录的背景和经验，双方在创效投资能力建设、绿色经济及创新科技产业化应用和青年培养等方面展开全面合作，在应对产业转型升级挑战方面进行积极探索，为推动中国的可持续工业发展贡献力量。

2023年第二次联合国工业发展组织投资和技术促进办公室主任会议 (ITP Heads Meeting) 9月1日-10日在北京顺利召开。9月6日，工发组织投资和技术促进办公室 (ITPO)主任与总干事穆勒齐聚一堂，举行在线会议。会议期间，各ITPO展示并探讨了如何更好地将ITPO网络建设得更完善的举措。大家一致认为，加强各ITPO和工发组织总部之间的合作并提出更多联合倡议是共同的愿望。总干事穆勒强调了ITPO在与私营部门建立当地合作伙伴关系方面的重要性。为了与工业发展理事会和计划和预算委员会近期会议上确定的战略方向保持一致，总干事呼吁ITPO和总部努力建立一个综合框架，优先实现高水平旗舰项目，以取代较小规模的倡议。ITPO网络将在将工发组织打造成技术和知识转让领域的领跑者以及全球可持续发展解决方案交流平台方面发挥主导作用。

## Highlights of 2023 2023年度亮点

## Visiting Sparks Partnerships 互访深化伙伴关系



The Sustainable Development Goal (SDG) 17, "Partnership for the Goals," is essential support for achieving the other 16 SDGs. UNIDO Shanghai ITPO actively mobilizes international organizations, governments, and academic institutions to provide a broad platform and mechanism for promoting technology transfer, knowledge sharing, and financial flows between developed and developing countries. This aims to reduce development imbalances and achieve green sustainable development.

可持续发展目标 (SDGs) 第17号目标“建立多元伙伴关系”，是实现其他16个SDGs的必要支持。UNIDO上海ITPO积极动员国际组织、政府和学术机构，为促进发达国家与发展中国家之间的技术转让、知识共享和资金流动提供广阔的平台和机制，以减少发展不平衡，实现绿色永续发展。



### DDG Ms. Fatou Haidara visited UNIDO ITPO Shanghai and WiiTs Project UNIDO副总干事海达拉调研上海ITPO并参观WiiTs项目



On the morning of November 7, 2023, Ms. Fatou Haidara, Deputy to the Director General and the Managing Director of the Directorate of Global Partnerships and External Relations of UNIDO, led a UNIDO Asia Pacific Regional Bureau delegation to visit UNIDO ITPO Shanghai. Ms. Fatou Haidara acknowledged the work of UNIDO ITPO Shanghai in promoting sustainable industrial development. After the meeting, the delegation visited Shanghai Bailonggang Sewage Treatment Plant whose sludge hydrogen energy conversion application case was recommended by UNIDO ITPO Shanghai's WiiTs platform.

2023年11月7日上午，UNIDO总干事代表兼执行干事法图·海达拉 (Fatou Haidara) 携亚太区域协调处代表团到访UNIDO上海ITPO。海达拉对上海ITPO在推动可持续工业发展方面的工作表示了肯定。会后，代表团一行赴白龙港污水处理厂参观了上海ITPO产业技术创新与国际合作倡议 (WiiTs) 平台上的淤泥氢能转换应用案例项目。



### UNIDO ITPO Shanghai Visited UNIDO Regional Office in China UNIDO上海ITPO到访UNIDO中国区域办事处



On March 29, UNIDO ITPO Shanghai delegation visited UNIDO Regional Office and met with Dr. Stephen Kargbo, UNIDO Representative and Head of Regional Office in China. Ms. ZHAO Xiaolei, Head of UNIDO ITPO Shanghai; Ms. WANG Hui, Investment and Technology Promotion Officer and Ms. WANG Yijing, Project Assistant attended the meeting. Together they reviewed the implementation modality of the previous Phases, exchanged views, and had in-depth discussions on the upcoming work and potential future cooperation opportunities. Detailed arrangements were made for the follow-up work.

3月29日，UNIDO上海ITPO一行到访UNIDO中国区域办事处，并与UNIDO中国区域办事处驻华首席代表康思博 (Stephen Kargbo) 博士会见，UNIDO上海ITPO主任赵晓蕾、投资和技术促进官员王晖、项目助理王艺静出席会议。与会成员就上一阶段的项目落实情况进行了交流，并针对下一阶段的工作以及未来潜在合作机会进行了深入讨论，并就后续工作进行了详细安排。

### Synergy with UNIDO ITPO Germany in terms of Climate Action 与UNIDO德国ITPO协作支持气候行动

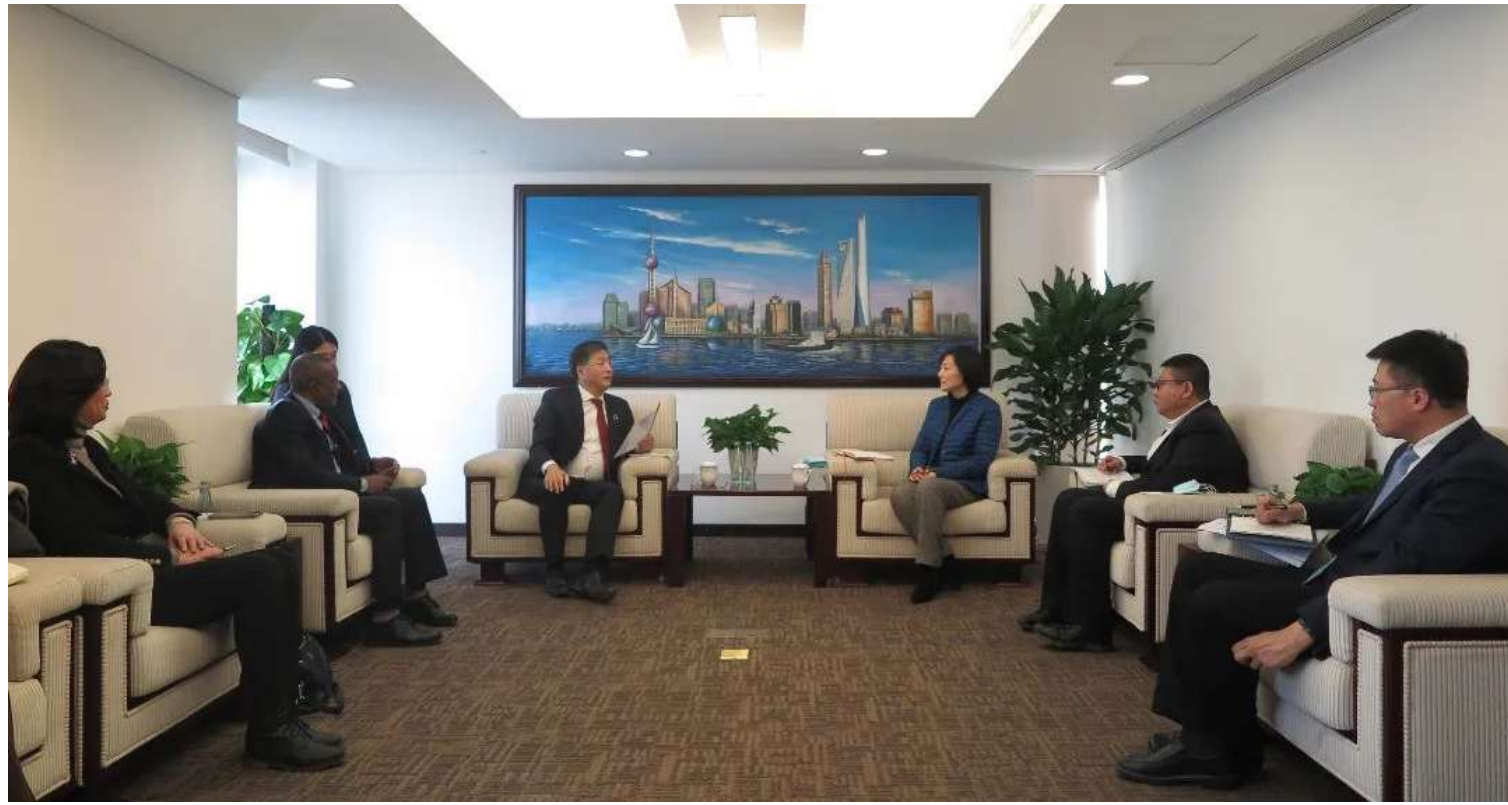
ITPO Germany facilitated a meeting of ITPO Shanghai with the United Nations Framework Convention on Climate Change (UNFCCC). This laid the ground for ITPO Shanghai's side event on Sustainable Technological Solutions to addressing adverse effects of climate change by the artistic way at COP28 in Dubai. The session featured ITPO Shanghai's Head ZHAO Xiaolei and speakers from nominated enterprises of the last UNIDO Global Call, an event of the ITP Network that was organized by ITPO Shanghai in 2022 (ITPO Germany took the lead in 2021).

德国ITPO促成了ITPO上海与联合国气候变化框架公约 (UNFCCC) 的会面。这为上海ITPO在迪拜 COP28 上举办与UNFCCC全球创新中心共同举办了“以艺术之道应对气候变化的可持续技术解决方案”的展台活动奠定了基础。上海ITPO组织WiiTs平台优秀项目方作为上海代表团参加了COP28。这次活动上，上海ITPO分享了中国上海在应对气候变化中的系统性解决方案。



## Highlights of 2023 2023年度亮点

## Visiting Sparks Partnerships 互访深化伙伴关系



On January 17, 2023, ZHU Yi, Vice Director of Shanghai Municipal Commission of Commerce, met with GONG Weixi, Chief of the Investment and Technology Promotion Division and Coordinator, Investment and Technology Promotion Network, and his delegation. Stephen Kargbo, UNIDO Representative in China, and ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, attended the meeting.

2023年1月17日，上海市商务委副主任诸蓓会见了联合国工业发展组织全球投资与技术促进办公室和机构伙伴关系司司长龚维希一行，探讨长期合作事宜。UNIDO中国区域办事处驻华代表康博思（Stephen Kargbo）、UNIDO上海ITPO主任赵晓蕾等陪同会见。



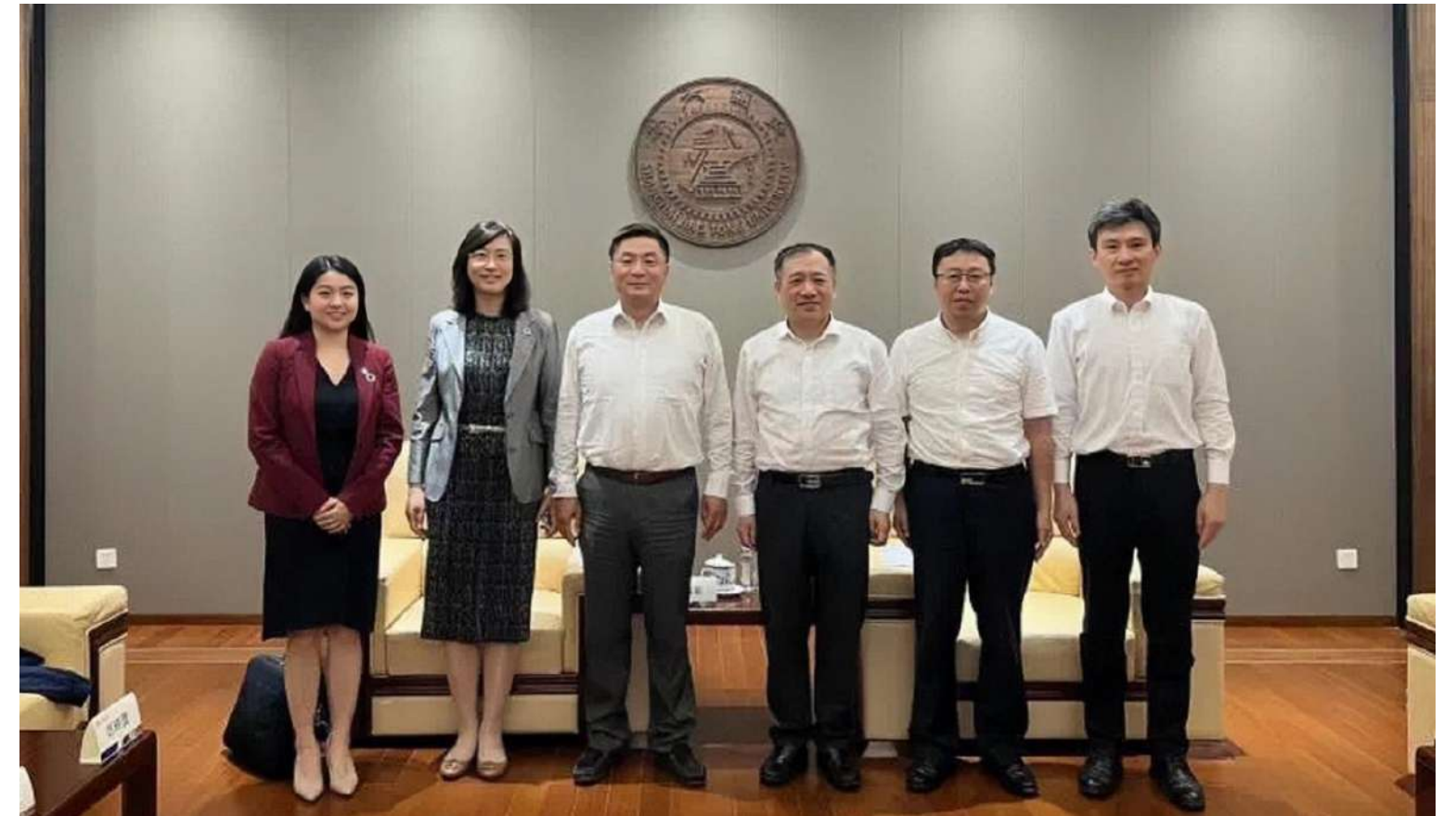
QI Yan, Secretary of the Party Committee and Director of Shanghai Municipal Government Development Research Center, and his delegation visited UNIDO headquarters and met with GONG Weixi, Chief of the Investment and Technology Promotion Division and Coordinator, Investment and Technology Promotion Network, and his delegation. In addition, QI Yan and his delegation visited UNIDO ITPO Shanghai office and met with ZHAO Xiaolei, Head of UNIDO ITPO Shanghai and her team. The two sides discussed matters related to the International Think Tank Symposium and future cooperation. Mr. Nobuya Haraguchi, Chief of Industrial Policy Research Unit, joined the discussion.

2023年11月22日，联合国工业发展组织全球投资与技术促进办公室和机构伙伴关系司司长龚维希在奥地利维也纳联合国工业发展组织总部会见了上海市政府发展研究中心党组书记、主任祁彦一行，双方通过深入交流共同探讨未来合作。UNIDO总部政策研究处处长原口信也等官员参与了交流。



On May 26, 2023, ZHOU Lan, Deputy Director General of Shanghai Municipal Commission of Commerce, and her delegation visited UNIDO ITPO Shanghai to investigate the preparation and planning of UNIDO Day 2023. Leaders from Shanghai Jiao Tong University School of Design and Shanghai International Technology Exchange Center also joined the meeting.

2023年5月26日，上海市商务委副主任周岚一行实地走访UNIDO上海ITPO，对2023工发主题日活动的筹备与策划工作进行调研和指导。上海交通大学设计学院及上海市国际技术进出口促进中心负责人等共同参会。



On June 16, 2023, GONG Weixi, Chief of GLO/ITP visited YANG Zhenbin, Secretary of the Party Committee of Shanghai Jiao Tong University (SJTU). Since UNIDO and SJTU signed a Memorandum of Understanding on cooperation in 2019, both parties have implemented cooperation relevant to technology application, youth development, education and training. Mr. GONG Weixi expressed his heartfelt thanks to SJTU for its long-term cooperation and support for UNIDO's work in Shanghai. Mr. YANG Zhenbin warmly welcomed the visit of GONG Weixi and his delegation, and looked forward to further broadening the areas of cooperation and contributing to the promotion of the sustainable development of Chinese industry. Leaders of SJTU International Affairs Division and Koguan School of Law participated in the discussion as well.

2023年6月16日，联合国工业发展组织全球投资与技术促进办公室和机构伙伴关系司司长龚维希一行拜会了上海交通大学党委书记杨振斌，感谢上海交大长期支持UNIDO在上海开展的工作。基于双方签订的合作备忘录及共同成立的绿色增长联合研究院，在科研、合作交流、人才培养和智库建设方面取得的合作成果令人满意。期待进一步开拓合作领域，为推动中国工业的可持续发展贡献力量。上海交通大学国际合作与交流处、凯原法学院负责人陪同参加会见。

## Technology Promotion 技术促进

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UNIDO's mandate is to actively contribute to industrial development, and the promotion of the development and diffusion of relevant science, technologies, and capacity-building. This recognizes science, technology, and innovation (STI) as well as industrial development as powerful drivers of economic diversification and value addition, economic growth, and sustainable development. UNIDO's approach to innovation is through fostering technology transfer and technology adoption in firms. UNIDO works towards a change in the institutions and governmental organizations related to the sectors intervened that will foster adoption of green and digital technologies in firms in the long run. Promoting green development and promoting scientific and technological innovation is one of China's eight actions to support high-quality joint construction of the "Belt and Road", and to this end, UNIDO ITPO Shanghai promotes sustainable technology innovation, application and cooperation through World Industrial & Innovative Technology Cooperation (WiiTs) ; organizes capacity building events (workshops, seminars, symposiums and field trips) for ITPO stakeholders (including policy-making bodies) to raise awareness of best practices for mechanisms for technology upgrading and innovation, as well as successful industrial models (industrial parks, clusters) .

科学、技术和创新（STI）以及工业发展是经济多样化和增值、经济增长和可持续发展的强大推动力。推动相关科学、技术和能力建设的发展和传播是联合国工业发展组织的主要任务。促进技术转让和技术应用是推动企业发展的创新途径。而影响相关政府机构的政策制定，促进企业长期采用绿色和数字技术是联合国工业发展组织的工作重点。促进绿色发展和推动科技创新是中国支持高质量共建“一带一路”八项行动之一，于此相呼应，UNIDO上海ITPO组织能力培训活动（研讨、会议、论坛、实地走访考察），提升其投资促进、技术创新升级和成功产业范例（工业园、产业群）方面的好实践意识，在联合国工业发展组织与上海交通大学签订的谅解备忘录框架下，成立“联合国工发-上海交大”绿色增长联合研究院并首创地发起“产业技术创新和国际合作计划（WiiTs）倡议”，实现技术项目对接，推动可持续技术的全球化落地与应用。

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## Activities and Impact 活动与成效

## Technology Promotion 技术促进

### UNIDO Global Call Follow-up 赋能UNIDO全球方案征集冠军及入围企业长期发展



### WiiTs Projects @ UNIDO Global Call WiiTs项目屡获殊荣

WiiTs initiative has garnered significant public attention and collected over 500 technology application projects and more than 30 projects officially registered. WiiTs registered projects recommended by ITPO Shanghai have consistently earned global champions/first prizes in the UNIDO Global Call over the years, providing compelling evidence of the high quality and international standing of the WiiTs Initiative.

WiiTs倡议自发起以来，已经获得社会广泛关注。目前已经有500余个技术应用项目入库，30余项技术应用项目经国别顾问团评估后获得WiiTs注册授牌。经UNIDO上海ITPO推荐的WiiTs注册项目在历年多次获得UNIDO Global Call全球殊荣，且均为冠军/一等奖，充分凸显了WiiTs项目的质量之高和国际化程度之强。

### WiiTs Projects Championed at the Four Editions of UNIDO Global Call 历届UNIDO全球方案征集活动中的WiiTs单项冠军项目

In 2020, the WiiTs project "Carbon Fiber aerogel technology application for transforming wastewater into clean water" registered by Eco-Worth Tech (Singapore) won the global championship in the category of "Energy and Environment" in UNIDO Global Call 2020!

2020年，新加坡Eco-Worth有限公司注册的WiiTs项目“碳纤维气凝胶技术应用：将废水转化为洁净水（Carbon fibre aerogel technology application for transforming wastewater into clean water）”荣获UNIDO Global Call 2020能源与环境领域全球单项冠军！



In 2021, the WiiTs project "Kubuqi 310 MW desert solar PV" registered by Zhejiang Chint New Energy Development won the global championship in the category of "Sustainable land management" in UNIDO Global Call 2021!

2021年，浙江正泰新能源有限公司注册的WiiTs项目“库布齐沙漠光伏电站（Kubuqi 310 MW desert solar PV）”荣获UNIDO Global Call 2021可持续土壤治理领域全球单项冠军！

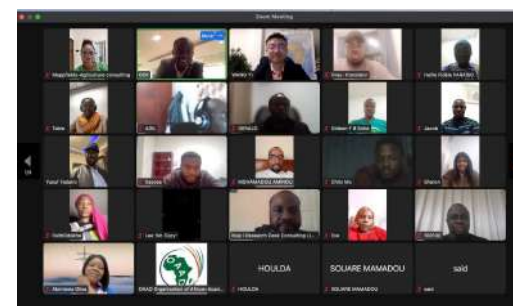
In 2022, the WiiTs project "Efficient and clean utilization of energy & energy storage by digital technology" registered by Shanghai MS Energy won the global championship in the category of "Green Growth" in UNIDO Global Call 2022!

2022年，上海玫克生储能科技有限公司（美克生能源）注册的WiiTs项目“利用数字技术的能源高效清洁利用及储能（Efficient and clean utilization of energy & energy storage by digital technology）”荣获UNIDO Global Call 2022绿色增长领域全球单项冠军！

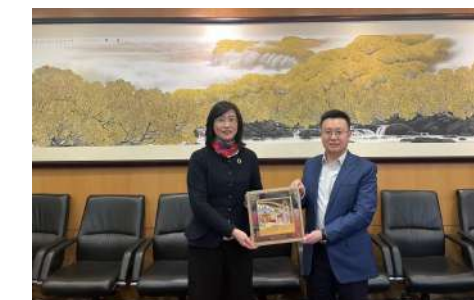


In 2023, the WiiTs project "Decentralized Solar Water Solutions Empower Rural Communities" registered by Ningbo Weland Renewable Energy won the global first prize in the category of "Clean Energy Innovation" in UNIDO Global Call 2023!

2023年，宁波威澜新能源有限公司注册的WiiTs项目“分布式光伏水方案助力农业农村社区（Decentralized Solar Water Solutions Empower Rural Communities）”荣获UNIDO Global Call 2023清洁能源创新领域的全球一等奖！



UNIDO ITPO Shanghai, the African Organization of Academic Doctors (OAAD) and the Wasomi Charitable Foundation (WCF) co-hosted The Global South Sustainability Workshop  
UNIDO上海ITPO、非洲学术博士组织OAAD、Wasomi慈善基金会WCF共同举办全球南方可持续发展研讨会



ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, visited CSCI Headquarters  
UNIDO上海ITPO主任赵晓蕾拜访中建国际总部

### The Inaugural Conference of China Shipowners' Association 中国电动船舶创新联盟成立

On the afternoon of February 8, 2023, the China Shipowners' Association was officially established at the Tower of China COSCO SHIPPING Corporation, one of the initiators of the association and a champion winner of the Global Call 2022, along the Huangpu River in Shanghai. UNIDO ITPO Shanghai was invited to attend the conference, marking another milestone in the development of China's green shipping industry. The Alliance brings together members from various sectors, including green energy, batteries, electric propulsion systems, ship design and construction, system integration, standardization and certification, port terminals, shore-based charging and swapping, passenger and cargo transportation, research institutes, and industry chain investment and financing. United by the shared vision of "United Efforts, Carbon-Free Future," all Association members are committed to supporting China's Dual Carbon Goals. On the afternoon of February 8, 2023, the China Electric Vessel Innovation Alliance was officially established at the COSCO SHIPPING Tower, located by the Huangpu River in Shanghai. Under the shared vision and efforts of "Working Together for a Carbon-Free Future", the Alliance's member organizations will contribute to China's goal of "peak carbon emissions and carbon neutrality". UNIDO ITPO Shanghai was invited to attend the establishment conference, witnessing another significant milestone in the development of China's green shipping industry.

2023年2月8日下午，以Global Call2022冠军项目方中远海运集团为发起方之一的中国电动船舶创新联盟上海黄浦江畔中远海运大厦宣告成立。UNIDO上海ITPO受邀出席联盟成立大会，共同见证中国绿色航运发展史上的又一重要里程碑。联盟成员涵盖绿色电力供应、动力电池、电力推进系统、船舶设计建造、系统集成服务、规范认证、港口码头、岸基充换电、客货轮运输、科研院所以及产业链投融资等领域。中国电动船舶创新联盟在联盟各相关单位将在“同心协力，零碳未来”的共同期许和努力下，为国家“碳达峰、碳中和”目标贡献力量。

### The 2023 Global Furniture Industry Trend Conference 2023全球家具行业趋势发布会

Invited by the China National Furniture Association, an industry partner of Global Call 2022, UNIDO ITPO Shanghai attended the "The World in Change - 2023 Global Furniture Industry Trend Conference" at the China Import and Export Fair (also known as Canton Fair) in Guangzhou on March 18, 2023. Ms. ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, delivered a compelling keynote address titled "Charting Global Trends: The Green and Digital Evolution of the Furniture Industry." In her presentation, she articulated the vision and mission of UNIDO, shedding light on three pivotal global industrial development trends supported by relevant statistics: the automation and digitization of manufacturing, the shift in global economic powers, and the imperative for green transformation.

2023年3月18日，应Global Call2022产业合作伙伴中国家具行业协会邀请，UNIDO上海ITPO主任赵晓蕾出席广交会“变化中的世界——2023全球家具行业趋势发布会”，并发表题为《全球工业发展趋势与家具行业绿色和数字化转型》的主题演讲。她介绍了联合国工业发展组织的发展情况及目标宗旨，结合专业数据提出全球工业发展三大趋势：制造业自动化与数字化、全球经济力量的更迭、工业绿色化发展。

### UN World Creativity and Innovation Day: Global South Sustainability Workshop 联合国世界创意和创新日全球南方可持续发展研讨会

UNIDO ITPO Shanghai, in collaboration with the Organization of African Academic Doctors (OAAD) and the Wasomi Charity Foundation (WCF), co-organized the Global South Sustainability Workshop on the World Day for Creativity and Innovation, April 21, as designated by the United Nations. This conference serves as a follow-up event to the UNIDO Global Call 2022. A combined international audience of nearly 150 individuals from over 20 countries convened virtually to exchange lay and expert perspectives related to the impact and progress of SDGs, UNIDO Global Call 2022, and the prospects of future UNIDO Global Calls concerning innovation, multisectoral investment, South-South cooperation, technology transfer, and knowledge sharing.

UNIDO上海ITPO、非洲学术博士组织OAAD、Wasomi慈善基金会WCF于4月21日世界创意和创新日共同举办全球南方可持续发展研讨会。本次研讨是联合国工业发展组织2022全球方案征集UNIDO Global Call 2022的后续跟进和交流互动，聚集了来自20多个国家的近150名国际听众，就可持续发展目标的影响和进展、2022UNIDO全球方案征集以及未来UNIDO全球方案征集在创新、多部门投资、南南合作、技术转让和知识共享方面的前景，交流专业和专家观点。

### UNIDO ITPO Shanghai's Visit to CSCI Headquarter UNIDO上海ITPO拜访中建国际总部

As a champion of Global Call 2022, China State Construction International Holdings (CSCI) has amassed a wealth of accomplishments in the realms of low-carbon buildings and green smart manufacturing. On February 28, 2023, Ms. ZHAO Xiaolei engaged in a productive meeting with Mr. ZHANG Ming, Assistant President of CSCI, alongside Mr. ZHAO Shukai, General Manager of the Marketing Department, Mr. GUAN Jun, General Manager of the Science and Technology Department, and other high-ranking executives. During the meeting, they actively delved into potential collaborations, exploring avenues for jointly advancing low-carbon buildings and sustainable community construction. The aim is to propel the application of green technologies in China's infrastructure to global prominence.

中建国际作为Global Call 2022的全球冠军企业，在低碳建筑和绿色智造方面有丰富案例积累。2023年2月28日，UNIDO上海ITPO赵晓蕾主任与中建国际助理总裁张明、市场部总经理赵书凯、科技部总经理关军等企业高层会面交流，积极探索共同推广低碳建筑和可持续社区建设的合作可能，从而实现中国基础设施建设相关绿色技术的国际应用。

## Activities and Impact 活动与成效

## Technology Promotion 技术促进

### UNIDO Global Call Follow-up 赋能UNIDO全球方案征集冠军及入围企业长期发展

### China-France AI Technology Applications Seminar 中法人工智能产业应用研讨会

On May 16, 2023, the China-France AI Technology Applications Seminar successfully unfolded at UNIDO ITPO Shanghai. Approximately 70 attendees from the Artificial General Intelligence (AGI) and Artificial Intelligence Generated Content (AIGC) sectors, comprising entrepreneurs, researchers, engineers, and non-profit organization members, congregated online and offline. The seminar served as a platform to foster consensus and offer insightful suggestions for the advancement of AI technology applications.

2023年5月16日，中法人工智能产业应用研讨会在UNIDO上海ITPO成功举办。来自中法两国线上线下载约70位AGI（通用人工智能）与AIGC（利用人工智能技术生成内容）行业专家、企业家、工程师和非盈利机构成员跨越物理空间，聚集一堂，为产业应用落地汇集共议建言献策。

### Seminar on Low Carbon and Low Water Footprint in the Food Industry 食品行业绿色低碳和低水足迹研讨会

After a visit to Inner Mongolia Yili Industrial Group earlier in June, UNIDO ITPO Shanghai co-hosted the “Seminar on Low Carbon and Low Water Footprint in the Food Industry” with Yili Group on June 28 at the North Bund in Hongkou. The event was attended by ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, ZHAO Xin, Vice President of Yili Group, and WU Zhiyong, Director of the Shanghai Hongkou District Commission of Commerce, alongside more than 40 representatives from leading companies and authoritative institutions in the food industry chain. During the forum, 36 strategic partners and 4 authoritative organizations announced their participation in the Low Water Footprint Initiative (LWFi) and conducted related signing activities.

继6月上旬UNIDO上海ITPO前往内蒙古伊利实业集团调研后，6月28日由UNIDO上海ITPO和内蒙古伊利实业集团股份有限公司联合主办，虹口区商务委支持的“食品行业绿色低碳和低水足迹研讨会”在虹口北外滩成功举办。UNIDO上海ITPO主任赵晓蕾、伊利集团副总裁赵昕、上海市虹口区商务委主任伍志勇出席，40多位来自食品领域相关产业链领军企业和权威机构代表参加活动。36家战略伙伴和4家权威机构宣布加入低水足迹倡议并进行了相关签约活动。

### “Explore the Carbon Assets Core Value Driven by Data” Forum 数据“碳”寻碳资产核心价值论坛

On China's First National Ecological Day, August 15, UNIDO ITPO Shanghai successfully organized the Forum on “Explore the Carbon Assets Core Value Driven by Data”. Centered around the theme “Making Change Happen: Harnessing Data AI for Tangible Carbon Asset Value,” the forum brought together ecological partners committed to dual carbon goals. Participants shared insights into carbon policies and best practices both domestically and internationally, explored plausible carbon initiatives and collaborations, and advocated for increased engagement from relevant stakeholders to effect substantial changes. The event marked the commencement of a journey through the full life cycle of “carbon.” China Enterprise News and China Business Network served as media partners for this occasion. The online live broadcast of the summit garnered over 200,000 viewers.

8月15日全国首个生态日，由UNIDO上海ITPO，上海优也信息科技有限公司承办的数据“碳”寻碳资产核心价值论坛成功举办。论坛以“让改变发生，数据AI驱动可落地的碳资产真价值”为主题，聚集了双碳的生态合作伙伴，搭建了良好的交流平台，开启了一趟全生命周期“碳”寻之旅，分享了国际国内的“碳”政策与“碳”实践，探讨了可落地的“碳”方案与“碳”合作并呼吁更多绿色生态参与，进一步携手“让改变发生”。本次活动媒体合作伙伴为《中国企业报》中企视讯和第一财经，同步线上直播观看量累计超过20万人次。



Offline discussion at China-France AI Technology Applications Seminar organized by UNIDO ITPO Shanghai  
UNIDO上海ITPO举办中法人工智能研讨会



Seminar on Low Carbon and Low Water Footprint in the Food Industry  
食品行业绿色低碳和低水足迹研讨会



“Explore the Carbon Assets Core Value Driven by Data” Forum  
数据“碳”寻碳资产核心价值论坛

### The 1st Shanghai International Carbon Neutrality Expo 首届上海国际碳中和技术、产品与成果博览会

**Host:** Council for the Promotion of International Trade Shanghai

**Organizers:** Shanghai International Exhibition (Group) Co., Ltd., Shanghai Energy Conservation Association

**Supporters:** Shanghai Economic Information Center, UNIDO ITPO Shanghai, Shanghai Nuclear Power Office, Shanghai Financial Industry Association, Shanghai Foreign Investment Association, Shanghai Environmental Protection Industry Association

**主办:** 上海市国际贸易促进委员会

**承办:** 上海市国际展览（集团）有限公司、上海市节能协会

**支持:** 上海市经济信息中心、联合国工业发展组织上海投资与技术促进办公室(UNIDO上海ITPO)、上海市核电办公室、上海市金融业联合会、上海市外商投资协会、上海市环境保护产业协会

**100,000 m<sup>2</sup>**

Exhibition area  
展览面积

**80,000+**

Participants  
参观人次

**140**

Visiting groups  
参观团组

**600**

Exhibitors  
参展企业

**1080**

Low carbon tech & products  
低碳技术和产品

**15**

Countries  
国家

**450+**

Sessions  
配套活动

**170+**

Matchmaking  
现场对接



XIE Zhenhua, China Special Envoy for Climate Change  
中国气候变化事务特使解振华致辞



UNIDO ITPO Shanghai Pavilion  
UNIDO上海ITPO碳博会展台

The first Shanghai International Carbon Neutrality Expo was held in Shanghai National Exhibition and Convention Center (NECC) from June 11 to 14, 2023. Themed “Towards a Future of Carbon Neutrality,” the exhibition honed in on the advocacy and introduction of green, low-carbon technologies, products, and accomplishments. Its objective was to establish a nexus for diverse entities within the carbon-neutral industry chain to convene, exchange ideas, and propel the green and low-carbon metamorphosis of economic and social development. China is steadfast in its pursuit of peaking carbon emissions by 2030 and achieving carbon neutrality by 2060—a commitment that echoes throughout the global community and underscores China's resolute stance on green transformation. As a supporter of this Shanghai International Carbon Neutrality Expo, UNIDO ITPO Shanghai is dedicated to aiding China in realizing the “3060” goal.

2023年6月11日至14日，首届“上海国际碳中和技术、产品与成果博览会”（以下简称“上海国际碳博会”）在上海国家会展中心举办。展会以“走向碳中和之路”为主题，聚焦绿色低碳技术、产品和成果的推广宣传，旨在搭建碳中和全产业链各类主体对接交流的平台，促进经济社会发展绿色低碳转型。中国将力争2030年实现碳达峰，2060年实现碳中和；这既是对全球的承诺，也展现了中国绿色转型的决心。UNIDO上海ITPO作为首届上海国际碳博会的支持单位参展，致力于助推中国实现碳中和“3060”目标。

## Activities and Impact 活动与成效

## Technology Promotion 技术促进

### The 2nd Campaign of Carbon-Neutral Technology & Solutions 第二届碳中和技术方案征集活动



The 2nd Campaign of Carbon-Neutral Technology & Solution Launch Ceremony  
第二届碳中和技术方案征集活动正式启动

Within the framework of the ongoing collaboration between UNIDO and Shanghai Jiao Tong University (SJTU), In 2022, leveraging the first UNIDO Global Call held in China, UNIDO and Shanghai Jiao Tong University initiated the inaugural Campaign of Carbon-Neutral Technology and Solutions. This pioneering initiative involved the selection and promotion of outstanding projects aimed at achieving carbon neutrality in energy, manufacturing, and governance. Serving as an international exchange platform, the campaign aimed to facilitate the dissemination of innovative green and low-carbon technologies and practices. Building on the success of the initial campaign, the second Campaign of Carbon-Neutral Technology and Solutions was inaugurated at the Shanghai Jiao Tong University Hohhot Science and Technology Innovation Center in the Inner Mongolia Autonomous Region on June 6, 2023. Distinguished academicians from the Chinese Academy of Engineering, namely ZHOU Shouwei, LIN Zhongqin, QIU Aici, ZHAO Wenzhi, and ZENG Hengyi, graced the event with their presence.

On August 31, 2023, the 2nd Campaign of Carbon-Neutral Technology & Solutions Seminar, co-hosted by UNIDO ITPO Shanghai and Shanghai Jiao Tong University, was successfully held at the Hohhot Science and Technology Innovation Center, SJTU. HUANG Zhen, an academican of the Chinese Academy of Engineering and vice-chairman of Shanghai CPPCC, ZHANG Xiliang, director of the Institute of Energy, Environment, and Economy at Tsinghua University, GENG Yong, Dean of the School of the Environment at SJTU, and ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, identified ten carbon neutral technologies.

在联合国工业发展组织和上海交通大学的合作框架下，2022年，双方利用UNIDO Global Call首次在中国举办的契机，共同发起了“首届碳中和方案征集活动”作为UNIDO Global Call的中国项目储备，就能源碳中和、制造业碳中和和碳中和治理三个方向开展项目识别和筛选，为推广和转化创新绿色低碳技术和发展方案搭建了国际交流平台。在2022年第一届活动成功举办后，2023年6月6日，“第二届碳中和技术方案征集活动”在内蒙古自治区上海交通大学呼和浩特科技创新中心启动，中国工程院院士周守为、林忠钦、邱爱慈、赵文智、曾恒一出席。8月31日，由中国工程院院士、上海市政协副主席黄震，清华大学能源环境经济研究所所长张希良，上海交通大学环境科学与工程学院院长耿涌，联合国工业发展组织投资与技术促进办公室（中国上海）主任赵晓蕾等8位评委咨询专家评出了10个领军项目。

#### 10 Awarded Carbon-Neutral Technologies

1. Evaluation of carbon reduction potential of waste resource recycling industrialization: recycling of scrap motor vehicles
2. New tonnage magnesium based solid hydrogen storage and transportation vehicle
3. Low-carbon transformation technology and application of the whole industrial chain of dairy industry
4. Urban low carbon data intelligence platform
5. Ecological restoration technology of degraded and damaged grassland
6. The whole industrial chain of science and technology agricultural planting to help achieve "carbon peaking and carbon neutrality goals"
7. "Near Zero carbon" demonstration park project
8. Wai Gao Qiao - extreme entropy marine industry intelligent energy carbon management and optimization system
9. Highly reliable photovoltaic module intelligent cleaning robot
10. Consumption-based carbon footprint calculation and carbon neutral interface services

#### 第二届碳中和技术方案征集角逐出10个领军项目

1. 废旧资源再生循环产业化的减碳潜力测评：报废机动车资源化
2. 新型吨级镁基固态储运氢气
3. 乳制品行业全产业链低碳化转型技术及应用
4. 城市保障低碳管家数智平台
5. 退化受损草原生态修复技术
6. 科技农业种植全产业链助力“碳中和 碳达峰”
7. “近零碳”示范园区项目
8. 外高桥-极瀚船舶工业智慧碳管理与优化系统
9. 高可靠光伏组件智能清扫机器人
10. 基于消费的碳足迹计算及碳中和接口服务

### The 23rd China International Industry Fair 第二十三届中国国际工业博览会



Ms. ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, among other prestigious speakers on the 23rd CIIF - the 6th Future Oriented Manufacturing Summit  
UNIDO上海ITPO主任赵晓蕾及多位重量嘉宾在第二十三届工博会·第六届未来制造高峰论坛致辞

在第二十三届中国国际工业博览会期间，第六届“未来制造高峰论坛”举行，数百位行业嘉宾共同探索制造业数字化转型之路。在开幕致辞中，UNIDO上海ITPO主任赵晓蕾分享了UNIDO关于“协调数字与产业政策促进数字化未来”以及“标准与数字化转型：数字时代的良好治理手册”等研究成果，并强调绿色化和数字化是未来制造业可持续发展的底色。另外同期举办的2023国际工业互联网大会上，上海市工业互联网协会与UNIDO上海ITPO进行了合作签约，双方将进一步致力于推动工业互联网领域的持续性产业升级，共同助推工业互联网领域的可持续发展。

During the 23<sup>rd</sup> China International Industry Fair, Ms. ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, shared insights from UNIDO's research on "Aligning Digital and Industrial Policy to Foster Future Industrialization" and "Standards & Digital Transformation: Good Governance in a Digital Age." She emphasized that greening and digitalization form the bedrock for the sustainable development of future-oriented manufacturing. Meanwhile, the conference witnessed the signing ceremony of a collaboration between the Shanghai Industrial Internet Association and UNIDO ITPO Shanghai. This partnership signifies a deeper commitment to promoting sustainable industrial upgrading in the field of Industrial Internet and collectively advancing sustainable development in this domain.



Signing ceremony of cooperation between Shanghai Industrial Internet Association and UNIDO ITPO Shanghai  
上海市工业互联网协会与UNIDO上海ITPO合作签约仪式

### The 2023 "Industry Empowers Shanghai" Innovation Conference “工赋上海”创新大会



On March 27, 2023, UNIDO ITPO Shanghai participated in the 2023 "Industry Empowers Shanghai" Innovation Conference. Held in Hongkou District, the conference was held with the theme of "Digital Intelligence Ecosystem and Integration Linkages." With the participation of over a hundred experts, scholars, and representatives from the industrial internet sector, the event delved into the ongoing trends and shared challenges in industry development. The overarching goal was to catalyze multi-dimensional collaboration between the industrial internet and the city, fostering the creation of a comprehensive digital ecosystem for the manufacturing industry and establishing the brand identity of "Industry Empowers Shanghai."

2023年3月27日，UNIDO上海ITPO受邀出席2023“工赋上海”创新大会。大会在虹口区举办，以“数智生态，融合链接”为主题，邀请百余位工业互联网领域专家学者和企业代表，就产业发展趋势、共性关键问题等作深入探讨，旨在多维度推动工业互联网都市合作，全领域构建制造业数字化生态体系，打响“工赋上海”品牌。

### Evaluation Session for WITs Sustainable Technology Application Projects WITs可持续技术应用项目评估会

On June 7, 2023, UNIDO ITPO Shanghai hosted an Evaluation Session for WITs Sustainable Technology Application Projects. The closed-door session unfolded in Hongkou District, featuring enterprise representatives delivering roadshows and defense sessions. Serving as judges, Ms. ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, Mr. LI Zhi, Deputy Director General of the Hongkou District Commission of Commerce, and Mr. ZHU Mingyue, Operating Partner at CITIC Capital and Honorary Chairman of the Shanghai Association for Rare Earth, actively engaged in discussions and exchanges with the participants during the meeting.

2023年6月7日，UNIDO上海ITPO举办WITs可持续技术应用项目评估会，评估会在虹口区以闭门会议的方式举办，并邀请企业代表进行路演和答辩。UNIDO上海ITPO主任赵晓蕾，虹口区商务委副主任李智以及中信资本运营合伙人、上海市稀土协会名誉会长朱铭岳参会并担任评委，并与会嘉宾进行讨论和交流。

## Activities and Impact 活动与成效

## Technology Promotion 技术促进

### International Vienna Energy and Climate Forum (IVECF 2023) 2023维也纳国际能源与气候论坛

**Hosts:** United Nations Industrial Development Organization, Austrian Government, International Institute for Applied Systems Analysis  
**主办:** 联合国工业发展组织、奥地利政府、国际应用系统分析研究所



Gerd Müller, Director General of UNIDO, attended the opening ceremony and delivered a speech at IVECF  
UNIDO 总干事穆勒出席 IVECF 开幕式并致辞

On November 2, 2023, the United Nations Industrial Development Organization (UNIDO) together with the Austrian government and the International Institute for Applied Systems Analysis (IIASA) co-organized the International Vienna Energy and Climate Forum (IVECF 2023). The event aims to foster new partnerships to scale up investments and technology transfer for developing countries, and contribute to the 28th Conference of the Parties (COP28) of the United Nations Framework Convention on Climate Change (UNFCCC).

Mr. Alexander Van der Bellen, President of the Austrian Federation, and Gerd Müller, Director General of UNIDO, attended the opening ceremony and delivered speeches. Director General Müller pointed out the importance of energy as the basis for all development and progress. As the global population continues to grow, global primary energy demand is expected to increase by 50% to 70% by 2050. In order to combat the climate crisis and protect global public goods, there is an urgent need to establish a new, sustainable and equitable global growth model. Müller called for a new "Green Deal" and more investment, while stressing the responsibility of industrialized countries to deliver on their commitments to tackle the climate crisis.

UNIDO ITPO Shanghai spearheaded an enterprise delegation's participation in the Vienna conference, concurrently establishing an exhibition featuring registered projects from the World Industrial & Innovative Technology Promotions (WiiTs). ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, conveyed the city's image and investment allure through a video at IVECF 2023. She also provided insights into WiiTs for representatives and companies from diverse nations attending the conference. Notably, the project "Decentralized Solar Water Solutions Empower Rural Communities" from the delegation garnered special attention, securing invitations to exclusive roundtable discussions and solution dialogues.

2023年11月2日，UNIDO与奥地利政府，以及国际应用系统分析研究所共同主办了2023年维也纳国际能源与气候论坛。该活动旨在促进新的合作伙伴关系，扩大对发展中国家的投资和技术转移，并且助力联合国气候变化大会。

奥地利联邦总统亚历山大·范德贝伦 (Alexander Van der Bellen)、联合国工业发展组织总干事穆勒 (Gerd Müller) 出席开幕式并致辞。穆勒总干事指出能源是一切发展和进步的基础。随着全球人口不断增长，预计到2050年，全球主要能源需求将增长50%至70%。为了应对气候危机和保护全球公共产品，迫切需要建立一个全新的、可持续的、公平的全球增长模式。穆勒总干事呼吁制定一个新的“绿色协议”并增加更多的投资，同时强调工业化国家有责任兑现其在应对气候危机方面的承诺。

UNIDO上海ITPO组织了企业代表团赴奥地利维也纳参会，并携产业技术创新与国际合作平台 (WiiTs) 注册项目在大会设展。上海ITPO主任赵晓蕾通过视频在 IVECF 2023展台上介绍上海的城市形象和投资环境，并向与会各国代表和企业介绍了WiiTs平台。此次参会的企业代表团中的“分布式光伏方案助力农业农村社区 (Decentralized Solar Water Solutions Empower Rural Communities)”项目获得了大会特别关注，被邀请参加闭门圆桌讨论和解决方案对话。



Business delegations at round-table discussions of IVECF  
企业代表团在圆桌讨论



UNIDO ITPO Shanghai Pavilion  
UNIDO上海ITPO展台



UNIDO ITPO Shanghai presented video, promoting Shanghai's city image and investment environment  
UNIDO上海ITPO展示上海宣传视频

### Opening Ceremony of the "Green Wish - Sustainable Lifestyle Art Exhibition" “绿色心愿——可持续生活时尚艺术展”开幕式

On September 26, 2023, Ms. ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, participated in the opening ceremony of the "Green Wish - Sustainable Lifestyle Art Exhibition" where she delivered an address under the theme "Green Wish for Sustainable Development Goals (SDGs)." During her speech, ZHAO Xiaolei shared the latest developments from the High-level Political Forum on Sustainable Development of the 78th session of the UN General Assembly. She urged countries and stakeholders from the private sector, foundations, charitable organizations, and non-governmental organizations to make concerted efforts for the SDGs.

Under the guidance of UNIDO ITPO Shanghai, the Silk Road Chamber of International Commerce, and the Institute of Finance and Sustainability (IFS), the "Green Wish - Sustainable Lifestyle Art Exhibition" is a collaborative effort with renowned artists, institutions, and brands, gathered at the invitation of the Shanghai Xiao Hui Wang Art Museum. This exhibition seeks to kindle green aspirations through art, drawing attention to sustainable lifestyles and fashion.

9月26日，UNIDO上海ITPO主任赵晓蕾受邀出席“绿色心愿——可持续生活时尚艺术展”开幕式并发表了主题为“绿色心愿助力实现可持续发展目标”的致辞。赵晓蕾分享了第七十八届联合国大会可持续发展高级别政治论坛的最新进展，进一步呼吁所有国家和利益的攸关方，私营部门、基金会、慈善组织以及所有的民间团体采取共同行动，致力于实现实现可持续发展目标。

“绿色心愿——可持续生活时尚艺术展”以UNIDO上海ITPO、丝绸之路国际总商会、北京绿色金融和可持续发展研究院为指导单位，由上海王小慧艺术馆邀请众多知名艺术家、机构与品牌合力举办，旨在通过艺术来点燃绿色心愿，让人们关注可持续生活和时尚。



"Green Wish - Sustainable Lifestyle Art Exhibition"  
绿色心愿——可持续生活时尚艺术展

## Activities and Impact 活动与成效

## Technology Promotion 技术促进

### Save Food(China) Forum 2023 and Awarding Ceremony 2023节约粮食（中国）论坛暨中国节约粮食设计奖/可持续设计奖颁奖仪式

On the afternoon of November 23, 2023, UNIDO ITPO Shanghai was invited to participate in the Save Food (China) Forum 2023 and the Awarding Ceremony for the Save Food Design Award & Sustainability Design Award China. This forum is part of the "Save Food" initiative series, aiming to reduce global food loss and waste by facilitating interdisciplinary dialogue and providing solutions across the entire value chain from field to table. Concurrently, the award ceremony for the China Save Food Design Award and Sustainable Design Award, co-hosted by Düsseldorf Exhibition Group, World Packaging Organization, FAO, and UNIDO, took place at the forum venue.

2023年11月23日下午，UNIDO上海ITPO受邀参加2023节约粮食（中国）论坛暨中国节约粮食设计奖/可持续设计奖颁奖仪式。此次论坛是“节约粮食（SAVE FOOD）”倡议系列活动的一部分。这一倡议的目标是通过促进跨科学的对话交流，为“从田间到餐桌”的整个价值链提供相应的解决方案，从而减少全球粮食损失和浪费。同时，由杜塞尔多夫展览集团和世界包装组织、联合国粮农组织、UNIDO共同主办的中国节约粮食设计奖和可持续设计奖评选活动也在论坛现场举行了颁奖仪式。

### The 9th Taihu Basin Innovative Governance Forum 第九届太湖流域治理创新论坛

On December 8, 2023, ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, was invited to participate in the parallel forum "Renewal of World Heritage Agriculture and Sustainable Fashion" at the 9th Taihu Basin Innovative Governance Forum. The event served as a pivotal platform for multifaceted discussions, roundtable forums, and interactive activities, fostering dialogue on world heritage agriculture, sustainable fashion, and high-quality sustainable development in the Yangtze River Delta. Amidst the forum, Ms. Zhao underscored the imperative of steering contemporary society toward sustainable fashion and ardently advocated for the preservation and revitalization of the "Mulberry-Dike Fish Pond", a globally significant agricultural-cultural heritage.

2023年12月8日，UNIDO上海ITPO主任赵晓蕾受邀参加第九届太湖流域治理创新论坛的“世遗农业与可持续时尚焕新”时尚赋能平行分论坛。此次活动旨在为多方搭建交流的平台，通过论点分享、圆桌论坛等交流活动，为世遗农业与可持续时尚以及长三角区域高质量可持续发展作出新的贡献。其中，UNIDO上海ITPO主任赵晓蕾提出要现代社会走可持续时尚之路，传承并活化“桑基鱼塘”这一全球重要农业文化遗产。

### 2023 Impact Climate Innovation Conference 2023影响力国际气候创新大会

On December 21-22, 2023, the Impact Climate Innovation Conference was successfully held in Haikou, Hainan. This conference marked the first international event focused on climate issues following COP28 and saw the participation of more than 400 representatives from governments, international organizations, renowned universities, research institutions, enterprises, social organizations, and media. Together, they explored global trends in low-carbon innovation and collaborated to shape high-quality development in China. ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, was invited to attend the conference. She delivered a keynote speech titled "Leading Low-Carbon Innovation for a Green Future" at the opening ceremony and a thematic speech on "Global Industrial Development Trends and the Internationalization of Chinese Enterprises" at a parallel forum. She underscored the importance for companies to genuinely harness green transformation as a catalyst, nurturing both resource efficiency and cost-effectiveness, rather than simply resorting to superficial, label-centric promotion.

12月21日至22日，2023影响力国际气候创新大会在海南海口成功举办。此次大会是继COP28后首场聚焦气候议题的国际化会议，400余位来自政府、国际组织、知名高校、研究机构、企业、社会组织和媒体代表与会，共探全球低碳创新发展趋势，共谋中国高质量发展新未来。上海ITPO主任赵晓蕾受邀出席大会开幕式及相关分论坛，分别发表题为“引领低碳创新 共筑绿色未来”的主旨演讲和题为“全球工业发展趋势与助力中国企业国际化”的主题演讲，并提出企业应该要把绿色转型变为真正的动力，促进资源效率提高、降本增效，而不仅仅停留在贴标签宣传绿色低碳上。

### The 2023 Low-Carbon Metallurgy and Modern Industrial Chain Co-chain Action & Steel Industry Internet Conference 2023新型低碳冶金现代产业链共链行动暨钢铁产业互联网大会

On October 18, 2023, the 2023 Low-Carbon Metallurgy and Modern Industrial Chain Co-chain Action & Steel Industry Internet Conference took place at the Golden Furnace - China Baowu Steel Convention and Expo Center. Pioneering a novel approach to collaboration, this event introduced a model for advancing the green and low-carbon development of the Chinese steel industry. UNIDO ITPO Shanghai participated in this gathering by invitation.

During the conference, 22 Environment Product Declarations (EPDs) and 3 Product Category Rules (PCRs) for magnesium and magnesium alloys, metal waste products, and cargo transportation services were unveiled. The introduction of these three new PCRs is poised to bridge existing gaps in global environmental performance evaluation standards in corresponding fields. This strategic move will further amplify the international influence of the steel EPD platform within the industrial sector and provide proactive measures for the Chinese steel industry to cope with the European Union's Carbon Border Adjustment Mechanism (CBAM).

2023年10月18日，2023新型低碳冶金现代产业链共链行动暨钢铁产业互联网大会在上海宝山区金色炉台成功举办，为中国钢铁行业的绿色低碳发展提出了共链行动新模式，UNIDO上海ITPO受邀出席了此次大会。此次大会22份EPD（环境产品声明）集中发布，3份PCR（《镁及镁合金》、《金属废料产品》和《货物运输服务》产品种类规则）全球首发。这3份新品类PCR将填补全球镁产品、金属废料产品和货物运输服务在环境绩效评价规则方面的空白，进一步提升钢铁行业EPD平台在工业领域的国际影响力，也将为我国钢铁行业应对欧盟碳边境调节机制(CBAM)提供积极的应对措施。



Ms. ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, presented the award for the winning designs of Save Food Design Award  
UNIDO上海ITPO主任赵晓蕾为中国节约粮食设计奖获奖者颁奖



Ms. ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, advocated for the preservation and revitalization of "Mulberry-Dike Fish Pond"  
UNIDO上海ITPO主任赵晓蕾呼吁传承并活化“桑基鱼塘”这一全球重要农业文化遗产



Ms. ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, delivered a keynote speech at the opening ceremony of Impact Climate Innovation Conference  
UNIDO上海ITPO主任赵晓蕾受邀出席并在影响力国际气候创新大会开幕式上发表主旨演讲



Ms. ZHAO Xiaolei, Head of UNIDO ITPO Shanghai at the 2023 Low-Carbon Metallurgy and Modern Industrial Chain Co-chain Action & Steel Industry Internet Conference  
UNIDO上海ITPO主任赵晓蕾受邀出席2023新型低碳冶金现代产业链共链行动暨钢铁产业互联网大会

## Investment Promotion 投资促进

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The development of emerging fields such as digital and green is a new driving force for world economic growth. In recent years, international cooperation in the digital and green fields at the global, regional and bilateral levels has made positive progress, but there are also problems that can be optimized and need to be solved. For example, inclusiveness is insufficient, the participation of developing countries is not high, and development demands are not fully reflected; pragmatic cooperation needs to be strengthened, as investment in funds, technology, and personnel is not enough, and there is still room for improvement in the effectiveness of cooperation; openness also needs to be improved, as effective coordination has not been formed among various mechanisms and regions, and channels for exchanges and mutual learning need to be opened. China has always been an active participant in international cooperation in the digital and green fields. During the third Belt and Road Forum, China released the "Initiative on International Trade and Economic Cooperation Framework for Digital Economy and Green Development" to promote the joint efforts of all participating parties in the digital and green fields, making progress and working together with new momentum, meeting the new challenges, jointly promoting the implementation of the United Nations 2030 Agenda for Sustainable Development, and achieving sustainable development. The United Nations Industrial Development Organization's advantages in analytical research, policy advice, and convening stakeholders can provide "tailor-made" support for the implementation of the digital and green international economic and trade cooperation framework. Based on the strategic cooperation framework signed between UNIDO and Ministries of China, UNIDO ITPO Shanghai makes significant contributions to sustainable development, achieving the "dual-carbon goals", developing the digital economy and building a good business environment. In addition, UNIDO ITPO Shanghai also actively promotes bilateral or multilateral investment and exchanges through activities such as the Shanghai North Bund Foreign Investment Promotion Exchange Conference and the "Foreign Investment Hefei Tour" to help green and high-quality development of the local economy.

数字和绿色等新兴领域的发展是推动世界经济增长的新动能。近年来，全球、区域和双边层面的数字和绿色领域国际合作取得积极进展，但同时也存在可优化和需要解决的问题。比如，包容性不足，发展中国家和最不发达国家的参与度不高，发展诉求未得到充分反映；务实合作有待加强，资金、技术和人员的投入还不够，合作实效还有提高空间；开放性也有待提升，各机制、区域间未形成有效协调，需要打通交流互鉴的渠道。而中国一直是数字和绿色领域国际合作的积极参与者，在第三届一带一路高峰论坛期间，中国发布“数字经济和绿色发展国际经贸合作框架倡议”，推动各参加方在数字、绿色领域共同进步，以新动能携手应对新挑战，共同促进联合国2030年可持续发展议程目标的落实，实现可持续发展。UNIDO等国际组织在分析研究、政策建议、在利益攸关方中的号召力等方面的优势，能够为数字和绿色国际经贸合作框架落实提供“量身定制”的支持。基于UNIDO和中国政府各部委签订的战略合作框架内容，UNIDO上海ITPO通过中国国际进口博览会、中国国际投资贸易洽谈会、中国西部国际投资贸易洽谈会等重要会议活动，为实现可持续发展、双碳目标、发展数字经济及建设良好的营商环境等做出显著贡献。此外，UNIDO上海ITPO还通过上海北外滩外商投资促进交流会、“外商投资合肥行”等活动积极促进双边或多边投资和交流，助力地方经济绿色高质量发展。

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## The North Bund Foreign Investment Promotion Conference and 2023 Certificating Ceremony of Hongkou MNC's Regional Headquarters 上海北外滩外商投资促进交流会暨2023年虹口区跨国公司地区总部颁证仪式

On the afternoon of April 24, the Hongkou District Commercial Committee and Shanghai Foreign Investment Promotion Center co-hosted the North Bund Foreign Investment Promotion Conference and the 2023 Certification Ceremony of Hongkou MNC's Regional Headquarters. The event was graced by the presence of ZHU Yi, Deputy Director General of Shanghai Municipal Commission of Commerce, ZHOU Rong, standing committee member and executive deputy governor of Hongkou District, as well as CHEN Shuai, deputy governor of Hongkou District. UNIDO ITPO Shanghai was invited to attend the event.

2023年4月24日下午，虹口区商务委和上海市外国投资促进中心共同举办“投资上海、共享未来”北外滩外商投资促进交流会暨2023年虹口区跨国公司地区总部颁证仪式。市商务委副主任诸旆，虹口区委常委、常务副区长周嵘，虹口区副区长陈帅出席活动。UNIDO上海ITPO应邀出席。

## ITPO Shanghai Visits Guangzhou Development District Holding Group Limited 上海ITPO一行拜访广开控股集团

On March 17, 2023, ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, visited Guangzhou Development District Holding Group Limited (GGD Holding Group) and held discussions with YAN Yibin, an organizer of the China Chief Economist Forum, Head of Guangzhou Economic and Technological Development Zone, and President of GDD Holding Group. They explored potential collaborations between UNIDO ITPO Shanghai and the Guangzhou Economic and Technological Development Zone.

2023年3月17日，UNIDO上海ITPO主任赵晓蕾受邀参观了广州开发区控股集团有限公司（广开控股），并与中国首席经济学家论坛主办方、广州经济技术开发区负责人、广开控股董事长严亦斌就UNIDO上海ITPO与广州经济技术开发区的潜在合作进行洽谈。

## Shanghai North Bund Investment Environment Promotion Conference 上海·北外滩投资环境推介会

On February 28, 2023, the Hongkou District Government organized the Shanghai North Bund Investment Environment Promotion Conference. LYU Ming, Deputy Secretary of the Hongkou Committee and Governor of Hongkou District, outlined the requirements for sustainable development at the high-quality North Bund sites in his keynote speech. The conference garnered the participation of over 10 chambers of commerce and associations, 176 enterprises, and 220 attendees. UNIDO ITPO Shanghai received an invitation to be part of this significant event. Notably, CSCI, the champion of UNIDO Global Call 2022, engaged in substantial discussions with the Hongkou District delegation regarding potential cooperation on sustainable urban construction, facilitated by UNIDO ITPO Shanghai's matchmaking efforts.

2023年2月28日，虹口区政府在香港召开上海·北外滩投资环境推介会，虹口区委副书记、区长吕鸣做了主旨发言，对北外滩优质地块开发提出了高质量可持续发展的要求。十余家商会及社团组织、176家企业、220余人与会。UNIDO上海ITPO受邀出席推介会。会议期间，UNIDO Global Call 2022冠军企业中国建筑工程（香港）有限公司（中建国际）在UNIDO上海ITPO的牵线下，和虹口区代表团深入交流，探讨可持续城市建设的合作。

## 2023 China Chief Economist Forum 中国首席经济学家论坛

Under the guidance of the Guangzhou Municipal Government and with the special support of the Guangzhou Local Financial Supervision Bureau and the Guangzhou Development Zone Administrative Committee, the "China Chief Economist Forum and the 2nd Greater Bay Area (Huangpu) Economic Summit" opened on March 16th at the Huangpu International Conference Center in Guangzhou. The event was co-organized by the Guangzhou Development District Holding Group Company Limited and the China Chief Economist Forum, co-hosted by Yuekai Securities and Guangzhou Kai Tak Capital Operation, and co-sponsored by the Guangzhou Financial Association and the Huangpu District Financial Association. ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, was invited to attend the meeting. Centered around the theme of "Chinese-characteristic Modernization and High-Quality Development of the Greater Bay Area," this summit witnessed in-depth discussions on steering China's economic development amidst evolving norms, challenges, and opportunities.

在广州市人民政府的指导和广州市地方金融监督管理局、广州开发区管理委员会的特别支持下，由广州开发区控股集团有限公司与中国首席经济学家论坛联合主办，粤开证券股份有限公司、广州凯得资本运营有限公司承办，广州金融业协会、黄埔区金融业协会协办的“中国首席经济学家论坛暨第二届大湾区（黄埔）经济峰会”，于2023年3月16日在广州黄埔国际会议中心开幕。UNIDO上海ITPO主任赵晓蕾受邀出席会议。本届峰会以“中国式现代化与大湾区高质量发展”为主题，针对中国经济发展的新常态、新风口、新机遇，以及破局升维的方向路径进行了深层次探讨。

## Northeast Asia Digital Economic Cooperation Forum 东北亚数字经济产业合作论坛

From February 15 to 16, 2023, the Northeast Asia Digital Economic Cooperation Forum, hosted by the Shenyang Municipal Government and the China Federation of Industrial Economics, unfolded in Shenyang. Themed "Digital-Driven Industrial Innovation for Win-Win Cooperation," the event propelled the digitization, networking, and intelligent development of traditional industries in Shenyang and the broader Northeast region.

WANG Hui, Investment and Technology Promotion Officer of UNIDO ITPO Shanghai, was invited to attend the Regional Cooperation Forum and delivered a speech on "Inclusive and Sustainable Industrialization Prompted by International Capacity Synergy via 'Belt and Road'". Participants engaged in enthusiastic discussions on topics including industrial digitization through collaborative efforts between central and local state-owned enterprises.

2023年2月15日至16日，由沈阳市人民政府、中国工业经济联合会主办的“东北亚数字经济产业合作论坛”在沈阳召开。论坛以“数字驱动，产业创新，合作共赢”为主题，为促进东北地区传统产业数字化、网络化、智能化发展引智赋能。UNIDO上海ITPO投资与技术促进官员王晖受邀参加区域产能合作分论坛（Regional Cooperation Forum），并以“‘一带一路’国际产能合作促进包容可持续的工业化”为题发表了演讲。与会嘉宾聚焦东北亚地区数字合作，就央企、地方国企协同加强产业数字化探索等话题展开了热烈的讨论。

WANG Hui, Investment and Technology Promotion Officer of UNIDO ITPO Shanghai, was invited to deliver a speech at the "Regional Cooperation Forum" UNIDO上海ITPO投资与技术促进官员王晖受邀参加区域产能合作分论坛并发表演讲



ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, meet with YAN Yibi, President of GDD Holding Group and head of Guangzhou Economic and Technological Development Zone UNIDO上海ITPO主任赵晓蕾与广州经济技术开发区负责人、广开控股董事长严亦斌进行洽谈

CSCI, with the match-making of UNIDO ITPO Shanghai, had an in-depth conversation with the Hongkou District delegation 中建国际在UNIDO上海ITPO的牵线下和虹口区代表团深入交流



"Foreign Investment in Hefei" Seminar  
“外商投资合肥行”活动



Ms. ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, exchanged views with Anhui Provincial government and enterprise representatives  
UNIDO上海ITPO主任赵晓蕾与安徽政府及企业代表进行交流

On June 27, 2023, at the invitation of the Association of Anhui Enterprises and Foreign Investment and the Hefei Municipal Government, Ms. ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, and Ms. WANG Hui, Investment and Technology Promotion Officer of UNIDO ITPO Shanghai, visited Hefei for a seminar themed "Foreign Investment in Hefei."

During the seminar, participants entered into initial cooperation understandings centered around Hefei's "Integration of chip and screen for smart automotive systems" industry chain. The focus was on sectors such as new energy, intelligent-connected vehicles, artificial intelligence, and other related industries. Following the seminar, the participants conducted visits to iFlytek Co. Ltd., Grand Union of Innovation, China Environment Valley, Hefei Economic and Technological Development Zone City Parlor, and KAO (Hefei) Co. Ltd. to gain a deeper understanding of Hefei's industry landscape, resources, platforms, and business environment.

2023年6月27日，为进一步融入长三角高质量一体化发展，推动区域间外商资源共通共享，受安徽省外商投资企业协会、合肥市人民政府邀请，UNIDO上海ITPO主任赵晓蕾和官员王晖赴合肥市参加“外商投资合肥行”活动。

会上，会嘉宾围绕合肥“芯屏汽合、集终生智”的产业链，就新能源和智能网联汽车、人工智能等产业达成了若干初步合作意向。会后，嘉宾们参观了科大讯飞、科大硅谷、中国环境谷、合肥经济技术开发区城市会客厅、花王（合肥）有限公司，详细了解了合肥市全域产业基础、创新资源、开放平台和营商环境等相关情况。

2023 Shanghai-Cork (Ireland) Economic, Trade and Technology Exchange Conference  
上海-爱尔兰科克经贸科技交流会

To enhance cooperation and exchanges between Cork, Ireland, and Shanghai in the fields of economy, trade, and technology, the Shanghai Foreign Investment Promotion Center and the Ireland China Science and Technology Association jointly organized the "2023 Shanghai-Cork Economic, Trade, and Technology Exchange Conference" on the afternoon of May 25, 2023. During the conference, ZHAO Jin, Investment and Technology Promotion Officer of UNIDO ITPO Shanghai, delivered a presentation on global sustainable industry innovation and cooperation. Furthermore, connections were made regarding projects such as the search for Chinese partners for the Science Foundation Ireland Research Centre for Energy, Climate and Marine (MaREI) and the location selection in Shanghai for the Irish company Shamrock Green Tech Limited.

为加强爱尔兰科克市与上海市在经贸、科技等领域的合作交流，2023年5月25日下午，上海市外国投资促进中心与爱尔兰中国科学技术交流协会共同举办了“2023上海-爱尔兰科克经贸科技交流会”。会上，UNIDO上海ITPO投资与技术促进官员赵锦作全球可持续产业创新与合作专题推介。此外，会议现场对接了爱尔兰科学基金会-能源、气候和海洋研究中心“找寻中国合作伙伴”与爱尔兰三叶草绿色科技有限公司“在沪选址”等项目。



ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, delivered a speech entitled "Sustainable Investment Strategies in the Digital Age"  
UNIDO上海ITPO主任赵晓蕾进行题为“数字时代的可持续投资策略”的精彩分享

The Second Forum on High-Quality Development of Transnational Cooperation  
at the Western China International Fair for Investment and Trade  
中国西部国际投资贸易洽谈会“第二届跨国经营高质量发展论坛”

On May 19, 2023, the Second Forum on High-Quality Development of Transnational Cooperation, jointly organized by the Chongqing Municipal Commission of Commerce and the China Investment Promotion Agency of MOFCOM, was successfully held at the 5th Western China International Fair for Investment and Trade. The event drew the participation of over 300 representatives from local governments, foreign embassies and consulates, financial institutions, business associations, and enterprises. Within the forum, Ms. ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, delivered a keynote speech titled "Sustainable Investment Strategies in the Digital Age." In her address, she provided insightful perspectives on the digital empowerment of foreign investment cooperation, focusing on three key aspects: the impact of the digital era on FDI, the emerging development trends in FDI, and innovative strategies to promote FDI in the digital age.

2023年5月19日，由重庆市商务委员会、商务部投资促进事务局联合主办的“第二届跨国经营高质量发展论坛”在第五届中国西部国际投资贸易洽谈会成功启幕。来自地方政府、国外驻华使领馆、金融机构、商协会以及企业等300多名代表参会。在论坛上，UNIDO上海ITPO主任赵晓蕾进行了题为“数字时代的可持续投资策略”的精彩分享。赵晓蕾从数字时代对于外商直接投资FDI的影响、FDI的新发展趋势、数字时代促进FDI的新策略三个方面为对外投资合作的数字赋能提出建设性意见。

Signing of key projects at the North Bund and Launch of the "North Bund International Legal Service Hub"  
北外滩重点项目签约和“北外滩国际法律服务港”揭牌

On the afternoon of November 6, 2023, the Shanghai North Bund Investment Promotion and Key Project Signing Ceremony was held at the North Bund Pavilion during the China International Import Expo. UNIDO ITPO Shanghai was invited to attend the event and witnessed the signing of key projects and the unveiling of the "North Bund International Legal Service Hub." The purpose of this event was to collaborate with global investors to share new development opportunities in the North Bund, striving to make it a vital showcase of Chinese-style modernization and a vibrant model of high-level openness to the outside world.

2023年11月6日下午，上海北外滩投资促进推介暨重点项目签约活动在进博会北外滩馆举行。UNIDO上海ITPO受邀出席活动，并见证了北外滩重点项目签约和“北外滩国际法律服务港”揭牌。此次活动旨在携手全球投资者共享北外滩发展新机遇，努力将北外滩打造成为中国式现代化的重要展示窗口和高水平对外开放的生动样板。

High-Quality Development of Smart Industry 2023  
2023智慧工业高质量发展论坛

On December 15, 2023, ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, attended the "High-Quality Development of Smart Industry" Forum held at Shenzhen. The forum extensively discussed key topics of significant interest, such as accurately understanding the connotations and characteristics of smart industry, integrating high-quality development of smart industry throughout the entire process of new industrialization, and exploring the integration and innovation of smart industry with regional industries.

2023年12月15日，UNIDO上海ITPO主任赵晓蕾受邀参加在深圳举行的智慧工业高质量发展论坛。本次论坛围绕怎样准确理解智慧工业的内涵特征、怎样把智慧工业高质量发展贯穿新型工业化的全过程、智慧工业如何与区域产业融合创新等令各界瞩目的焦点议题进行了深度探讨。



The 23rd China International Fair for Investment and Trade  
第二十三届中国国际投资贸易洽谈会



The 23rd China International Fair for Investment and Trade (CIFIT) commenced in Xiamen, Fujian Province, with the presence of WANG Yong, Vice Chairman of the National Committee of the Chinese People's Political Consultative Conference, who officially declared the opening. Ms. Fatou Haidara, Deputy to the Director General and Managing Director of UNIDO, led a delegation from the UNIDO ITPO network to participate in the conference in Xiamen. Ms. Fatou Haidara, Mr. GONG Weixi, Chief of UNIDO's Institutional Partnerships Division, and Ms. ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, along with nine other UNIDO ITPO heads, were present at the ribbon-cutting ceremony held at the UNIDO Pavilion. The research report, "Green Development Index for Chemical Industrial Park," jointly released by the Shanghai Chemical Industry Park and UNIDO ITPO Shanghai, garnered significant attention at the UNIDO Pavilion.

第二十三届中国国际投资贸易洽谈会（以下简称“厦洽会”）在福建省厦门市开幕，全国政协副主席王勇出席并宣布大会开幕。UNIDO副总干事兼执行干事法图·海达拉率UNIDO ITPO代表团赴厦门出席大会。UNIDO副总干事兼执行干事法图·海德拉、UNIDO ITPOs and Institutional Partnerships Division Chief 龚维希，UNIDO上海ITPO主任赵晓蕾等9位 UNIDO ITPO负责人出席UNIDO展台剪彩仪式。上海化学工业区与UNIDO上海ITPO联合发布的《化工园区绿色发展指数研究报告》在UNIDO展台上获广泛关注。



Green Development Index for Chemistry Industrial Park Report received great attention at the UNIDO pavilion  
《化工园区绿色发展指数研究报告》在UNIDO展台上获得广泛关注

Ms. ZHU Yi, DDG of Shanghai Municipal Commission of Commerce visited the UNIDO Pavilion  
上海市商务委员会副主任朱漪到展台交流

China Outward Investment (COI) Forum on Outward Investment and Cooperation of Digital Economy  
中国投资·数字经济对外投资合作论坛

On the morning of September 9, ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, was invited to participate in the China Outward Investment (COI) · Forum on Outward Investment and Cooperation of Digital Economy at 23<sup>rd</sup> CIFIT. She delivered a keynote speech titled "International Cooperation and Investment in Digital Economy," sharing the outcomes of UNIDO's research on "Aligning digital and industrial policy to foster future industrialization."

2023年9月9日上午，UNIDO上海ITPO主任赵晓蕾受邀出席第二十三届厦洽会中国投资·数字经济对外投资合作论坛并进行了题为“数字经济国际合作与投资”的主旨演讲，分享了UNIDO“协调数字与产业政策促进全球工业化发展”的研究成果。

Invest in China Year · Smart Manufacturing Integration & Innovation Seminar  
投资中国年·智能制造融合创新专题研讨在线观看超354万

The Invest in China Year · Smart Manufacturing Integration & Innovation Seminar hosted by Ministry of Commerce, P.R.C. and organized by the UNIDO ITPOs Network was successfully held during the 23rd CIFIT. ZHAO Yang, Level-2 Inspector (DDG) of Foreign Investment Administration, Ministry of Commerce, delivered an opening speech. HUANG Feng, Chairman of Shanghai Association of Foreign Investment, Fumio Adachi, Head of UNIDO ITPO Tokyo, and ZHAO Xiaolei, Head of UNIDO ITPO Shanghai attended the event. AN Xiaopeng, Director of Alibaba Cloud Technology Research Center, PENG Junsong, Chief Digital Officer & Vice President of SAP China, and SUN Hai, Vice President of Industrial Industry Research Institute, China Telecom Corporation Limited, delivered keynote speeches from the policy, industrial and technical perspective. WAN Bing, Senior Vice President of Siemens China, and CHEN Elaine, Vice President of Public Affairs (China), DHL Group, TANG Zhenyi, Vice President of SenseTime, and YU Ning, Director, China Integrated Solution Center, Johnson Controls, discussed how to maximize the use of digital technology to empower the entire industry.

This seminar drew the offline participation of nearly 100 attendees, encompassing representatives from international organizations, various countries, government agencies, executives of multinational corporations, influential figures in the digital economy sector, and delegates from leading digital enterprises. The live broadcast garnered an impressive viewership of 3.54 million people.

由中商务部外资司主办，联合国工业发展组织全球投资与技术促进办公室网络承办的投资中国年·智能制造融合创新专题研讨会在厦洽会期间成功举办。中国商务部外资司二级巡视员赵阳发表开幕致辞。上海市外商投资协会会长黄峰、UNIDO日本ITPO主任Fumio Adachi和UNIDO上海ITPO主任赵晓蕾等海内外嘉宾出席活动。

阿里云智能科技研究中心主任安筱鹏、SAP大中华区副总裁、首席数字官彭俊松、中国电信工业产业研究院副院长孙海围绕“智能制造融合创新”，从政策侧、产业侧、技术侧表主旨演讲。西门子中国高级副总裁宛兵、敦豪集团（DHL）公共事务副总裁陈艳、商汤科技集团副总裁唐臻怡以及江森自控中国区集成解决方案总监余宁就如何最大程度利用数字技术赋能产业生态等问题展开了精彩讨论。本次研讨吸引了国际组织及多国代表、政府机构代表、跨国公司企业高管、数字经济领军企业意见领袖、数字领军企业代表等近100人出席，直播观看量达354万人次。



Invest in China Year · Smart Manufacturing Integration & Innovation Seminar  
投资中国年·智能制造融合创新专题研讨会成功举办

## Industrial Research 产业研究

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Recent decades have seen an increased demand for advice and support in crafting industrial policies that promote a movement into more sophisticated manufacturing activities with greater value addition. Global experience indicates that for the industrial policy process to be effective it has to be evidence-based, participatory and focused on realistic objectives. International best practice examples suggest that a successful industrial policy cycle must start from a thorough industrial diagnosis that maps the local and global industrial landscape and provides an in-depth understanding of country characteristics, constraints and opportunities as well as global trends. Through its analytical and policy advisory services, UNIDO provides Member States with tools to shape appropriate industrial strategies and policies. On this basis, it advocates the importance of accelerated industrial development and improved industrial competitiveness as instruments to reduce poverty and contribute to inclusive and sustainable development. UNIDO points out that only through “Quality Infrastructure”, developing country can take on the path forward to developing a thriving economy as a basis for prosperity, health and well-being. Bearing this principle, UNIDO ITPO Shanghai has been cooperating with think tanks and institutions, participating in the seminar on “Attracting International Organisations to Shanghai”, Shanghai International Think Tank Summit and other consulting activities, making full use of UNIDO’s research results, and providing policy advice to the local community. In addition, ITPO Shanghai has jointly released the “Research Report on Green Development Index for Chemical Industrial Parks” with the Shanghai Chemical Industry Park, in the hope of providing a set of practical tools and methodologies for chemical parks in China and the world and contributing to the achievement of the dual-carbon goal.

近几十年来，在制定产业政策方面，对政策建议和支持的需求不断增加，这些政策支撑了向更复杂的制造业活动的转变，并具有更大的附加值。全球经验表明，产业政策制定若要有效，就必须以实证为基础、考虑到政策影响的所有人，同时需要有符合现实情况的政策目标。国际最佳实践案例表明，成功的产业政策周期必须从彻底的产业诊断开始，绘制本土和全球产业格局，深入了解国家特征、制约因素和机遇以及全球趋势。UNIDO通过其分析和政策咨询服务，为成员国提供制定适当工业战略和政策的工具。在此基础上，UNIDO主张加快工业发展和工业竞争力的重要性，以此作为减少贫困和促进包容性和可持续发展的工具。UNIDO指出，只有通过“优质基础设施”（Quality Infrastructure），发展中国家才能走上发展繁荣经济的道路。秉承这一原则，UNIDO上海ITPO积极与相关智库和机构合作，参与了“吸引国际组织落户上海”研讨会、上海国际智库峰会等咨询活动，充分利用UNIDO的研究成果，为地方提供政策咨询。此外，UNIDO上海ITPO还与上海化学工业区联合发布了《化工园区绿色发展指数研究报告》，为中国乃至世界的化工园区提供一套实用的工具和方法，为实现双碳目标贡献力量。

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## Activities and Impact 活动与成效

## Industrial Research 产业研究

### Seminar: Attracting International Organizations to Shanghai “吸引国际组织落户上海”专题研讨会

On February 28, 2023, the Shanghai Institute for International Studies organized a seminar on "Attracting International Organizations to Shanghai" at Qiantan International Business Zone. ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, attended and delivered a speech titled "Attracting UN Agencies to Support Shanghai's Higher-level Opening." ZHAO Xiaolei shared successful experiences from three European cities, aiming to refine Shanghai's international organization settlement policies in the aspects of talent, resource, and policy support.

2023年2月28日，上海国际问题研究院于世博前滩召开“吸引国际组织落户上海”专题研讨会。UNIDO上海ITPO主任赵晓蕾受邀出席并作题为“吸引联合国机构落户，助力上海更高水平开放”的分享。赵晓蕾分享了三个欧洲城市吸引联合国机构落户的案例，并提出了上海吸引联合国机构落户方面人才、资源和政策层面的不足之处。

### Plateau Industrial Park Seminar and the 11th China Industrial Park Sustainable Development Symposium 高原产业园区研讨会暨第十一届中国产业园区持续发展专题论坛

On June 30, 2023, the "Plateau Industrial Park Seminar and the 11th China Industrial Park Sustainable Development Forum" was successfully held. The theme of the conference was "New Development of Plateau Industrial Parks under the Dual Circulation." UNIDO ITPO Shanghai attended the meeting. ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, pointed out that SMEs are the main driving force behind the development of the circular economy. Industry 4.0 should play a foundational role in the process of circular economy development. Evaluating the effectiveness of circular economy development can be achieved by constructing a green growth indicator system.

2023年6月30日，“高原产业园区研讨会暨第十一届中国产业园区持续发展专题论坛”顺利召开，本次会议的主题是“双循环下的高原产业园区新发展”。UNIDO上海ITPO受邀出席会议。UNIDO上海ITPO主任赵晓蕾在青海循环经济讨论中提出，中小企业是推动循环经济发展的主力军，工业4.0在循环经济发展过程中应发挥基石作用，通过构建绿色增长指标体系来评价循环经济的发展成效。

### Huawei Study Launch: "Digital Transformation in the Workspace" 华为《工作场所的数字化转型》报告发布会

At the 2023 WAIC, UNIDO announced the initiative to establish the AIM-Global Alliance, with Huawei serving as one of the founding partners. The conference showcased a new study by Huawei on "Digital Transformation in the Workplace." This research emphasized the urgent need for more effective policy actions and investments to accelerate the comprehensive upgrade of digital technologies and ensure the inclusive sharing of digital dividends. ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, delivered the closing speech at the launch. In her closing remarks, Ms. Zhao highlighted the positive impact of digitization globally, particularly on developing economies. With the assistance of digital tools, businesses in developing economies are more likely to achieve a leap in more efficient production models.

在2023世界人工智能大会上华为等数个创始成员伙伴承诺对AIM-Global联盟予以支持。华为发布了《工作场所的数字化转型》的新研究。这项研究表明在加速数字技术全面升级和确保数字红利得到包容性共享两方面，迫切需要更有效的政策行动和投资。UNIDO上海ITPO主任赵晓蕾受邀出席了报告发布会并致闭幕辞。在闭幕致辞中，赵晓蕾强调了数字化在全球范围内，特别是对发展中经济体的积极影响。在数字化工具的帮助下，发展中经济体的企业更有可能跨越式地实现更高效的生产模式。

### Inaugural "Nine Major Industry Chain" Consultant Expert Summit 2023中国浙江海洋经济人才峰会：首期“九大产业链”顾问专家高峰论坛

On December 19, 2023, the inaugural "Nine Major Industry Chain" Consultant Expert Summit Forum, a supporting event of the 2023 China Zhejiang Marine Economy Talent Summit, was held in Zhoushan. 8 expert scholars focused on two main themes: "Global Trends in Bulk Commodity Trade and Opportunities and Challenges for Zhoushan" and "Exploring the Path of Development for Zhoushan's Clean Energy and New Materials Industry." The forum attracted more than 120 representatives from relevant industries. During the meeting, ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, shared the global industrial development trends for 2024. These trends include energy transition, digitalization and informatization, global supply chain restructuring, and demographic changes. She emphasized that addressing these trends requires leveraging technology as a breakthrough and formulating industrial policies that emphasize collaborative cooperation.

2023年12月19日，2023中国浙江海洋经济人才峰会配套活动——首期“九大产业链”顾问专家高峰论坛在舟山举行。8位专家学者聚焦“大宗商品全球贸易趋势及对舟山的机遇与挑战”“舟山清洁能源和新材料产业发展的路径探讨”两大主题，共吸引120多名相关行业代表参会。会上，UNIDO上海ITPO主任赵晓蕾分享了2024年全球工业发展趋势，包括能源转型、数字化和信息化、全球供应链重构，以及人口结构变化等，表示应对这些趋势首先要以技术为突破，其次要制定强调协同合作的产业政策。



Seminar: "Attracting International Organizations to Shanghai"  
吸引国际组织落户上海专题研讨会



Plateau Industrial Park Seminar and the 11th China Industrial Park Sustainable Development Symposium  
高原产业园区研讨会暨第十一届中国产业园区持续发展专题论坛



@ Huawei Study Launch: "Digital Transformation in the Workspace"  
华为《工作场所的数字化转型》报告发布会



René Arnold, Vice President of Corporate Communication, Huawei  
华为企业传播副总裁雷内·阿诺德



Shanghai International Think Tank Summit  
上海市人民政府发展研究中心国际智库座谈会



Inaugural "Nine Major Industry Chain" Consultant Expert Summit  
2023中国浙江海洋经济人才峰会：首期“九大产业链”顾问专家高峰论坛

### Shanghai International Think Tank Summit 上海市人民政府发展研究中心国际智库座谈会

On the afternoon of December 14, 2023, the Shanghai International Think Tank Summit was successfully held in Shanghai. Mr. SHU Qing, a member of the Municipal Government Party Group, and Mr. QI Yan, the Party Secretary of the Development Research Center of Shanghai Municipal Government, met with representatives of think tanks and delivered speeches. Representatives from 22 international think tanks, including Bain, Roland Berger, and PwC, as well as leaders and key researchers from various departments, strategic institutes, and the WTO Affairs Consultation Center, totaling more than 90 people, attended the International Think Tank Summit. The participants enthusiastically spoke on the conference theme. They unanimously agreed that Shanghai should seize the development opportunities brought by green transformation, digitalization, intelligence, and integration. They emphasized the importance of using technological innovation as a guiding force and leveraging reform and opening-up as a driving factor to continuously create new development momentum. ZHAO Xiaolei, Head of UNIDO ITPO Shanghai, proposed in her speech that Shanghai should leverage green and digital transformations to promote sustainable economic development.

2023年12月14日下午，上海国际智库峰会在上海举行。市政府党组成员舒庆同志、发展研究中心党组书记祁彦同志会见智库代表并发言。来自贝恩、罗兰贝格、普华永道等22家国际智库的代表、WTO中心负责人和研究骨干，共计90余人出席国际智库峰会。与会嘉宾围绕会议主题，踊跃发言。大家一致认为，上海要抓住绿色化、数字化、智能化、融合化带来的发展机遇，以科技创新为引领，以改革开放为动力，不断开创发展新动能。UNIDO上海ITPO主任赵晓蕾在发言提出，上海要通过绿色化和数字化转型并驾齐驱，让经济在可持续发展的道路上行稳致远。

Launch of "Chemical Industrial Park Green Development Index"  
《化工园区绿色发展指数研究报告》发布



The Launch Ceremony of the "Chemical Industrial Park Green Development Index Research Report"  
《化工园区绿色发展指数研究报告》发布仪式

ITPO Shanghai at Capacity Building Events  
上海ITPO参与能力建设活动

WANG Hui, Officer of UNIDO ITPO Shanghai, obtained the certificate for COMFAR Advanced level  
UNIDO上海ITPO投资技术促进官员王晖获得计算机模型可行性分析和报告 (COMFAR) 高级证书



From November 20 to 24, WANG Hui, officer of UNIDO ITPO Shanghai, attended the training on Computer Model for Feasibility Analysis and Reporting (COMFAR) in Vienna, Austria, and obtained an advanced level certificate. This training event facilitated in-depth exchanges and discussions on future urban development strategies in the context of sustainable development.

11月20日至24日，UNIDO上海ITPO官员王晖赴奥地利维也纳参加计算机模型可行性分析和报告 (COMFAR) 培训并获得高级证书。参与培训的成员就可持续发展背景下的未来城市发展战略进行了深入的交流和讨论。

UNIDO ITPO Shanghai Attended Seminar titled  
"Strengthening the Partnership and Capacity Building of UNIDO's Projects in China."  
UNIDO上海ITPO参与“加强UNIDO在华项目合作伙伴关系和能力建设研讨会”



On June 8, the China International Center for Economic and Technical Exchanges (CICETE) and the UNIDO jointly hosted a seminar in Beijing titled "Strengthening the Partnership and Capacity Building of UNIDO's Projects in China." ZHANG Yi, Deputy Director General of CICETE, and Stephen Kargbo, UNIDO Representative in China Regional Office, attended the seminar and delivered speeches. Approximately 40 partners from 17 project teams, including representative from UNIDO ITPO Shanghai, participated in the event. The attendees actively shared project experiences and achievements across various professional fields, while also discussing and exchanging ideas on challenges and solutions in project management processes.

6月8日，中国国际经济技术交流中心和联合国工业发展组织在北京共同举办了“加强UNIDO在华项目合作伙伴关系和能力建设研讨会”。CICETE副主任张翼、UNIDO区域首席代表康博思出席了研讨会并致辞。来自17个项目团队约40名合作伙伴参加了本次会议，其中UNIDO上海ITPO派代表参加，与会项目团队积极分享项目经验与成果，涉及多个专业领域，并探讨和交流了项目管理过程中存在的问题和解决路径。

As a key driver of the chemical industry, chemical industrial parks play a vital role in promoting unified safety regulation, centralized environmental management, and the coordinated development of the entire industry chain. The green development of chemical industrial parks serves as a crucial lever for achieving sustainable development. On April 26, 2023, the Shanghai Chemical Industry Park and UNIDO ITPO Shanghai jointly released the "Chemical Industrial Park Green Development Index Research Report." The aim is to provide a practical set of tools and methodologies for chemical industrial parks in China and around the world to address issues related to the dynamic balance of economy and security in the parks, contribute to the achievement of dual-carbon goals, and promote inclusive and sustainable industrial development.

It marks the first attempt to integrate UNIDO international industrial park standards with Chinese chemical industrial parks. The methodology of the GDI follows UNIDO's SMART index design principles, focusing on chemical industrial parks as a specific target, emphasizing green development as the evaluation direction, and adhering to the principles of quantifiability, feasibility, and relevance.

作为化工行业发展的重要载体，化工园区在促进安全统一监管、环境集中治理、上下游协同发展等方面发挥着重要作用，化工园区的绿色发展是实现可持续发展的重要抓手。2023年4月26日，上海化学工业区与UNIDO上海ITPO联合发布了《化工园区绿色发展指数研究报告》，旨在为中国乃至世界的化工园区提供一套切实可行的工具和方法论，解决园区经济安全动态平衡问题、贡献双碳目标的达成、推动实现包容可持续发展的产业发展。

作为首次将UNIDO国际产业园区标准与中国化工园区结合的创标尝试，GDI的设计沿用了UNIDO的SMART指数设计原则，以化工园区为特定目标，以绿色发展为评估方向，并遵循量化、可行、相关原则。



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# Publicity 宣传及影响力



人民日报 有品质的新闻

打开

## 聚焦关键技术成果 打造双碳示范样板——第二届碳中和技术方案征集专家咨询、获奖项目发布会在内蒙古呼和浩特成功举办

人民日报客户端内蒙古频道 李焘 施少宇 2023-08-31 22:23 浏览量4.6万

8月31日, 由联合国工业发展组织和上海交通大学共同主办, 上海交通大学内蒙古研究院、上海交通大学碳中和发展研究院、上海交通大学环境科学与工程学院、上海交通大学国际与公共事务学院、上海交大-联合国工发绿色增长联合研究院、联合国工业发展组织投资与技术促进办公室(中国·上海)承办的第二届碳中和技术方案征集专家咨询、获奖项目发布会在内蒙古呼和浩特成功举办。



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### WUSME'S participation in COP28

DEC 15 in WUSME NEWS Tags  
WUSME, the World Union of Small and Medium Enterprises took active part in the COP28, held in Dubai (UAE) from 28 November to 12 December, contributing to the proceedings with an official Exhibit and Side Event on the theme MSMEs facing the energy transition.

The WUSME Delegation attending the COP28 was composed of Madam President Mrs. Barbara Terenzi, WUSME Directors Mr. Michel Fossaert, Dr. Juneja and Dr. Lam, WUSME Representative in the UAE and Member of the Permanent Commission on Economic and Financial Issues Mr. Muhumed Hussein Diblawa and Mrs. M.Valeria

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Latest News

**Women, Business and the Law 2024: Breaking Down Barriers to Achieve Gender Equality**  
Posted on March 6, 2024 by wusme

**WUSME celebrates the International Women's Day 2024 taking part in the 9th edition of Shakti International...**  
Posted on March 5, 2024 by wusme

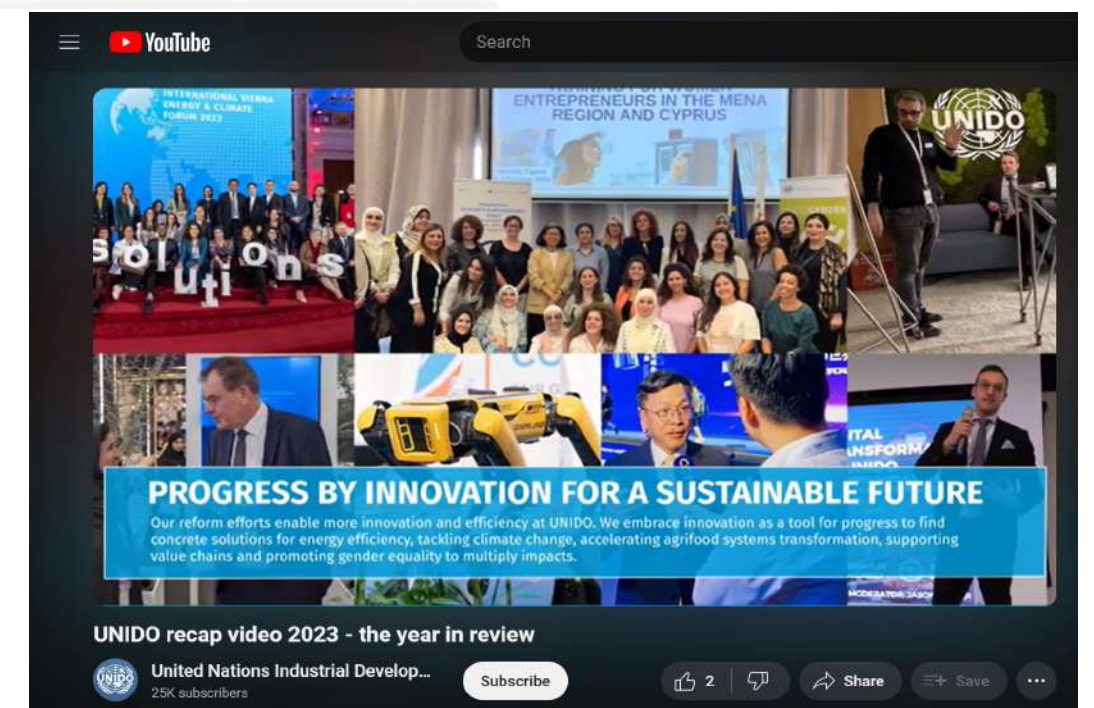
**WUSME at the 62nd session of the UN COMMISSION FOR SOCIAL DEVELOPMENT (CSocD62)**  
Posted on February 21, 2024 by wusme

**European Commission launched AI**

YouTube search for 'cop 28 ugh'



2019 新型冠状病毒  
点击查看CDC提供的2019新型冠状病毒最新资讯  
Sustainable Technological Solutions to addressing adverse effects of climate change  
UN Climate Change - Events  
1.46万位订阅





# Annex 附录

Date 日期	Entity 发布单位	News Title 新闻标题	Link 链接
11.07	澎湃新闻	深度合作，共创未来！上海北外滩投资推介暨重点项目签约仪式成功举办	<a href="https://www.thepaper.cn/newsDetail_forward_25219079">https://www.thepaper.cn/newsDetail_forward_25219079</a>
11.23	Sino-German Agricultural Centre	DCZ featured on FAO-sponsored panel on food loss and waste	<a href="https://www.dcz-china.org/2023/11/27/dcz-featured-on-fao-sponsored-panel-on-food-loss-and-waste/">https://www.dcz-china.org/2023/11/27/dcz-featured-on-fao-sponsored-panel-on-food-loss-and-waste/</a>
11.24	Food&Drink Technology	United Caps poised to help reduce food waste following award win	<a href="https://www.foodanddrinktechnology.com/news/50292/united-caps-poised-to-help-reduce-food-waste-following-award-win/">https://www.foodanddrinktechnology.com/news/50292/united-caps-poised-to-help-reduce-food-waste-following-award-win/</a>
12.10	YouTube (UN Climate Change – Events)	Sustainable Technological Solutions to addressing adverse effects of climate change-COP28边会	<a href="https://www.youtube.com/watch?v=7DSBV8z_WFc&amp;list=PLBcZ22cUY9RIAVnrFNBEo7pnZfsTc2TLW&amp;index=90">https://www.youtube.com/watch?v=7DSBV8z_WFc&amp;list=PLBcZ22cUY9RIAVnrFNBEo7pnZfsTc2TLW&amp;index=90</a>
12.15	深圳特区报	大咖坐而论道！“智慧工业高质量发展论坛”在深圳举行	<a href="https://www.dutenews.com/n/article/7900162">https://www.dutenews.com/n/article/7900162</a>
12.16	证券时报网	院士专家齐聚“智慧工业高质量发展论坛”在深圳举行	<a href="https://field.10jqka.com.cn/20231216/c653234996.shtml">https://field.10jqka.com.cn/20231216/c653234996.shtml</a>
12.17	中国证券报	“智慧工业高质量发展论坛”在深圳举办	<a href="https://cs.com.cn/cj2020/202312/t20231217_6380868.html">https://cs.com.cn/cj2020/202312/t20231217_6380868.html</a>
12.18	YouTube (UNIDO)	UNIDO recap video 2023 - the year in review	<a href="https://www.youtube.com/watch?v=777ihNYCqHY">https://www.youtube.com/watch?v=777ihNYCqHY</a>
12.21	南海网	低碳创新引领绿色未来 2023影响力国际气候创新大会海口开幕	<a href="https://society.yunnan.cn/system/2023/12/21/032882474.shtm">https://society.yunnan.cn/system/2023/12/21/032882474.shtm</a>
12.21	经济观察报	2023影响力国际气候创新大会顺利召开	<a href="https://cj.sina.com.cn/articles/view/1641561812/61d83ed4020016n3r?finpagefr=p_104">https://cj.sina.com.cn/articles/view/1641561812/61d83ed4020016n3r?finpagefr=p_104</a>
12.23	澎湃新闻	2023影响力国际气候创新大会圆满闭幕！	<a href="https://www.thepaper.cn/newsDetail_forward_25766591">https://www.thepaper.cn/newsDetail_forward_25766591</a>

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联合国工业发展组织投资与技术促进办公室（中国·上海）2023年度报告  
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