



UNITED NATIONS  
INDUSTRIAL DEVELOPMENT ORGANIZATION



# ANNUAL REPORT 2022

UNIDO Investment and Technology  
Promotion Office (ITPO), Tokyo

## Table of Contents

### UNIDO

---

UNIDO in Brief	4
The UNIDO Network	5
UNIDO-Japan Cooperation	6

### UNIDO ITPO Tokyo

---

UNIDO ITPO Tokyo in Brief	7
UNIDO ITPO Tokyo Head	8
Activities	9
Delegate Programme	10
Technology Transfer	13
Seminars & Events	18
Capacity Building	22
Activities Overseas	24

### APPENDIX

---

28

## Foreword



Dear Partners and Friends,

I am pleased to present you UNIDO ITPO Tokyo's Annual Report 2022.

The year 2022 will be remembered as a landmark year for various reasons, but notably for the year which marked returning to physical events and incoming and outgoing missions, which improved delivery of our usual services. The year was also a turning point for the office as we finished a six-year cycle project and received a positive impartial evaluation from UNIDO HQ, our donor and stakeholders involved in our activities. I am pleased to inform that UNIDO ITPO Tokyo's new six-year cycle 2023-2028 has thus commenced.

In terms of programmes and activities, the year was very busy with both online and in-person activities. In March and June 2022, we held workshops on our STePP Demo project in Vienna and Tokyo respectively, which successfully marked the closing in 2022 of our STePP technology transfer project to mitigate the impact of COVID-19 in Asian and African countries. In August 2022, UNIDO held several online TICAD8 side events, and also held a physical side event in Tunis marking the signing of an MOU between JETRO, JICA, UNDP and UNIDO on quadripartite partnership to promote activities for Africa.

During the year, we have also received various high-level delegations from Asia and Africa, and also resumed overseas business missions and travel. We found that face-to-face meetings and interactions were missed and needed in order to actively resume our assistance from Japan to recipient countries. You may read more about our activities in this report.

Last but not least, 2022 marked a managerial change at our office. In July 2022, our former Head Mr. Yuko Yasunaga transitioned to a new position as Deputy to the Director General and Managing Director, Directorate of Corporate Services and Operations at UNIDO HQs. We thank him for his contributions and wishing him continued success in Vienna. I am also pleased to inform that as of 1 April 2023, we will welcome Ms. Fumio Adachi as new Head to the office. We look forward to your continued support to UNIDO and activities to come in 2023 and beyond.

In closing, on behalf of the whole team at UNIDO ITPO Tokyo, allow me to thank all our stakeholders for your constant support, without which the promotion of investments and technologies from Japan, and improvement of lives and conditions in developing countries would not be possible. As the year 2030 is approaching, we are determined to accelerate our activities within our capacity and contribute to the attainment of the SDGs, including SDG9, Industry, Innovation and Infrastructure.

**Gelegen Ferda**

Officer-in-Charge and Deputy Head

March 2023



UNIDO Headquarters in Vienna, Austria

### UNIDO in Brief: Progress by innovation

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

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.



UNIDO’s vision is a world without poverty and hunger, where industry drives low-emission economies,

improves living standards, and preserves the livable environment for present and future generations, leaving no one behind.

UNIDO provides support to its 171 Member States through four mandated functions: technical cooperation; action-oriented research and policy-advisory services; normative standards-related activities; and fostering partnerships for knowledge and technology transfer.

Our work is concentrated on three focus areas: ending hunger by helping businesses from farm to fork; stopping climate breakdown by using renewable energy and energy efficiency to reduce industrial greenhouse gas emissions; and supporting sustainable supply chains so that developing country producers get a fair deal and scarce resources are preserved.

#### UNIDO at a Glance

- Establishment: 1966
- Member States: 171
- Headquarters: Vienna, Austria
- Director General: Gerd Müller



UNIDO Official Website

UNIDO has its Headquarters in Vienna and Offices in Brussels, Geneva and New York that maintain on-the-spot contacts with Member States and the other United Nations organizations based there. Still, with the progressive decentralization of decision-making processes at the national level, including those related to the UN Reform and the ONE UN pilots, the presence

of UNIDO in the field is becoming increasingly crucial. UNIDO maintains a field network comprising 48 regional and country offices worldwide. UNIDO maintains Investment and Technology Promotion Offices (ITPOs) in 10 locations, including ITPO Tokyo.



### 48 Regional country offices

- |  |  |   |  |
|--|--|---|--|
| <p><b>Africa (19)</b><br/>                 Burkina Faso<br/>                 Cameroon<br/>                 Côte d'Ivoire<br/>                 Congo (Democratic Republic of)<br/>                 Ethiopia<br/>                 Ghana<br/>                 Guinea<br/>                 Kenya<br/>                 Madagascar<br/>                 Mali<br/>                 Mozambique<br/>                 Nigeria<br/>                 Rwanda<br/>                 Senegal</p> | <p>Sierra Leone<br/>                 South Africa<br/>                 Tanzania<br/>                 Zimbabwe</p> <p><b>Arab (7)</b><br/>                 Algeria<br/>                 Egypt<br/>                 Jordan<br/>                 Lebanon<br/>                 Morocco<br/>                 Sudan<br/>                 Tunisia</p> | <p><b>Asia and the Pacific (12)</b><br/>                 Afghanistan<br/>                 Bangladesh<br/>                 Cambodia<br/>                 China<br/>                 India<br/>                 Indonesia<br/>                 Iran<br/>                 Lao PDR<br/>                 Pakistan<br/>                 Philippines<br/>                 Thailand<br/>                 Viet Nam</p> | <p><b>Europe and Central Asia (3)</b><br/>                 Armenia<br/>                 Kyrgyzstan<br/>                 Turkey</p> <p><b>Latin America and the Caribbean (7)</b><br/>                 Bolivia<br/>                 Brazil<br/>                 Colombia<br/>                 Ecuador<br/>                 Mexico<br/>                 Nicaragua<br/>                 Uruguay</p> |
|--|--|---|--|

## UNIDO-Japan Cooperation



UNIDO and Japan have continued to cooperate on significant projects in 2022. During the year, UNIDO managed 29 Japan-funded voluntary contribution projects valued at approximately USD 67 million. The coverage of projects included broad areas such as the circular economy, geothermal energy, agro-industries and health. One of the projects, “Mitigating the Impacts of COVID-19 through Technology Transfer from Japan”, concluded successfully in 2022. UNIDO organized two workshops during the year in Vienna and Tokyo respectively, bringing together stakeholders of the projects and promoting implementation of STePP technologies in Africa and Asia.

In August 2022, UNIDO and Japan jointly held the UNIDO TICAD8 Week titled “IDDAlII-TICAD and UNIDO-Japan cooperation in the post-COVID19 world for more resilient, inclusive and sustainable industrial development in Africa.” In total 5 side events covered policy and practices, investment and technology promotion, waste management, climate innovation and agro-industries, and showcased UNIDO’s work in cooperation with the Japanese public and private sectors.

At TICAD8, UNIDO, JETRO, JICA and UNDP launched a new partnership to enhance trade and investment between Japanese and African private sector businesses. “This expanded partnership between four key partners will enable us to enhance our contribution to Africa’s sustainable development path,” highlighted Mr. Nobuhiko Sasaki, Chairman and CEO of JETRO. “To

strengthen economic recovery, a swift and adequate response is required, including an urgent scale-up in dynamic, innovative partnerships for Africa’s development,” said Mr. Achim Steiner, United Nations Under-Secretary General and UNDP Administrator. “This enhanced quadripartite agreement sets actions beyond temporary solutions. Connecting innovators and fostering investments from Japan supports more sustainable developments in Africa.” Mr. Akihiko Tanaka, President of JICA, noted, “The private sector is critical to overcome challenges and to realize long-term, resilient and sustainable development in African countries facing multiple compound crises today.” “UNIDO is eager to join forces with three strong and committed partners. Africa, like other continents, is urged to rethink their industrialization approach towards greener and more inclusive growth with the climate and economic shocks. Inclusive and sustainable industrial development (ISID) is key to the future of the world,” highlighted Mr. Yuko Yasunaga, Deputy to the Director General and Managing Director, UNIDO.



In December 2022, H.E. Mr. Takashi Hikihara of the Permanent Mission of Japan to the International Organizations in Vienna, and Mr. Gerd Müller, Director-General of UNIDO signed and exchanged Notes on the renewal of the Investment and Technology Office in Tokyo, operational for 42 years since 1981, and renewed for another six years from 2023 to 2028. Speaking at the signing ceremony, Director General Müller congratulated the success of the ITPO Tokyo and expressed his appreciation of the strong and long-standing support for the office from the Government of Japan, particularly through the Ministry of Economy, Trade and Industry and the Ministry of Foreign

Affairs. In a statement released after the signing, the Permanent Mission of Japan stated “It is exciting that ITPO Tokyo, Japan will contribute to the achievement of inclusive and sustainable industrial development by taking advantage of the unique offer of Japanese private companies.” The signing was also witnessed by Ms. Fatou Haidara, Deputy to the Director General and Managing Director, UNIDO.

### Factsheets

Factsheets was developed to showcase some ongoing and completed projects funded and supported by the Government of Japan, specifying their direct contributions to the SDGs.



investment (FDI) and technology transfer from Japan through various activities including delegate programme (invitation of government officials to Japan), technology transfer (identifying and promoting Japanese sustainable technologies), seminars and events (country promotion, sector promotion, environment exhibitions), capacity building (special programmes for embassies in Japan), and activities overseas (business missions and networking).



In addition, programmes and activities are publicized through services such as the “UNI-World” journal, the “UNIDO Investment News” newsletter, press releases, annual reports, and information dissemination through the office’s homepage.

The geographical coverage of UNIDO ITPO Tokyo extends to developing and emerging countries. Recently the office has increased its focus on Africa and the least developing and emerging countries on other continents. Sector-wise, the coverage is also broad, including manufacturing industries, agro-based industries, environment and energy related industries, as well as the promotion of small and medium-sized enterprises (SMEs). Expectations are growing for Japan’s contribution to these target areas, based on the country’s broad experience in business and technology development and promotion.

UNIDO ITPO Tokyo believes that its activities can support inclusive and sustainable development in developing and emerging countries, and consequently promote and foster the international outreach of Japanese industries.

## UNIDO ITPO Tokyo in Brief

UNIDO ITPO Tokyo was established in March 1981 in accordance with an agreement concluded between UNIDO and the Government of Japan, and is one of ten offices worldwide belonging to UNIDO’s ITPO Network.



The mission of UNIDO ITPO Tokyo is to help developing and emerging countries as well as economies in transition in their efforts to achieve sustainable economic development by promoting foreign direct

## UNIDO ITPO Tokyo Head

Mr. Yuko Yasunaga, former Head of UNIDO ITPO Tokyo, transferred to UNIDO HQs as Deputy to the Director General and Managing Director, Directorate of Corporate Services and Operations in July 2022. He led our office in its efforts to achieve sustainable industrial development for almost five years.

Ms. Fumio Adachi was appointed as Head of UNIDO ITPO Tokyo in April 2023. Before joining UNIDO, she served in various positions first at the Ministry of International Trade and Industry (MITI, now METI), and in 2006 was appointed as Director for Natural Resources and Energy at Japan International Cooperation Agency (JICA). From 2009 to 2011, she served at the Low Carbon Business

Section of Department of Business, Innovation and Skills, U.K. Government. From 2011 to 2015, she was appointed as Senior Knowledge Management Officer at International Atomic Energy Agency (IAEA) in Vienna. In 2015, she joined the University of Tokyo, first as Deputy Director of Division of University Corporate Relations, and from 2021 as Director of Security Export Control Office, until she joined UNIDO. She holds an M.Eng. from the School of Engineering, the University of Tokyo, and an M.P.A. from the Kennedy School of Government, Harvard University.

### Greetings from New Head of UNIDO ITPO Tokyo

*"Based on the experiences working for export insurance and South Asian countries at Ministry of Economy, Trade and Industry (METI), natural resources and energy at Japan International Cooperation Agency (JICA) and UK Government, support to the member states in the nuclear field at International Atomic Energy Agency (IAEA), fostering start-ups at the University of Tokyo, and on top of these experiences, having the sense of esteeming dignity of all people since my childhood, I will serve as Head of UNIDO ITPO Tokyo with sincere gratitude and enthusiasm."*



**Ms. Fumio Adachi**  
Head, UNIDO ITPO Tokyo  
April 2023

### UNIDO ITPO Tokyo at a Glance

Establishment: 1981  
Address: UNU UQs Bldg. 8F, 5-53-70, Jingumae, Shibuya-Ku, Tokyo 150-0001, Japan  
Head: Fumio Adachi  
Tel: +81-3-6433-5520  
Fax: +81-3-6433-5530



UNIDO ITPO Tokyo Official Website

## Activities

### Delegate Programme



- Invitation of investment and/or technology promotion delegates (officials from government or semi-government institutions) to Japan.
- Bilateral business meetings between the delegate's country and Japanese companies.

.....▶ p. 10

### Technology Transfer



- Promotion of selected sound, productive and environmentally friendly technologies and know-how of Japanese companies seeking partners overseas.

.....▶ p. 13

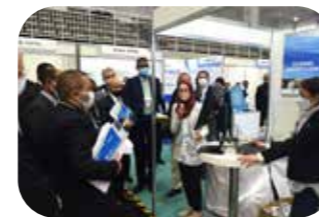
### Seminars & Events



- Organization and support of various regional, country specific and/or thematic forums, seminars and workshops in cooperation with other stakeholders.

.....▶ p. 18

### Capacity Building



- Organization of capacity building activities such as lectures, factory visits and factfinding meetings for various delegations from developing countries, as well as for staff of foreign embassies in Japan.

.....▶ p. 22

### Activities Overseas



- Project support to Japanese companies overseas through UNIDO's network, which includes our Advisors in Africa.

.....▶ p. 24



## Delegate Programme

UNIDO ITPO Tokyo promotes investment and technology transfer from Japan to developing and emerging countries by organizing individual meetings and promotion events with representatives of Investment Promotion Agencies. Investment or technology promotion delegates are invited for a short-term stay in Japan (two weeks on average), to promote their countries as potential destinations for Japanese investments and technology transfers. In 2022, we invited 8 delegates from 8 countries resulting in 77 meetings with Japanese companies.



## Results for 2022

**8 Delegates invited under the programme**

**77 Meetings with Japanese companies**

## Delegates in 2022



**Uganda**

14 - 25 March

Ms. Sarah Nassimbwa is an Investment Executive at Uganda Investment Authority in the Investment Promotion and Business Development Division. This delegate programme aimed to promote the latest investment climate and business opportunities in Uganda to encourage Japanese business communities to further invest in the country. During the programme period, Ms. Sarah Nassibwa provided the information and advice that are applicable to each situation of the Japanese private companies during the online individual meetings. Mr. Tadesse Segni, UNIDO ITPO Tokyo Africa Advisor, also participated in the meetings.



**Colombia**

10 - 27 May

Mr. Mauricio Concha Rivera, Investment Manager (Manufacturing Sector) of Invest Pacific of Colombia and UNIDO ITPO Tokyo facilitated the online Delegate Programme. The program included individual meetings with Japanese companies mainly in the manufacturing sector with interests to develop business in Colombia. In the meetings, Mr. Concha introduced the comparative advantages of Valle del Cauca from the viewpoints of strategic location for export and distribution, tax and tariff incentives, competitive operating costs and human talent availability.



**Côte d'Ivoire**

12 - 29 July

Mr. Thierry Badou, Director of Investment Attraction of the Investment Promotion Center in Cote d'Ivoire (CEPICI), is a seasoned marketing and sales professional who worked in international groups in the mobile telecommunication sector in Côte d'Ivoire. The online delegate programme aimed to promote the latest investment climate and business opportunities in Côte d'Ivoire to encourage Japanese business communities to further invest in the country. During the programme period, Mr. Thierry Badou provided the information and advice that are applicable to each situation of the Japanese private companies during the online individual meetings. Ms. Aïssatou Ndiaye, UNIDO ITPO Tokyo Africa Advisor, also participated in the meetings.



**Bangladesh**

26 September - 5 October

Mr. Ariful Hoque, Director, Bangladesh Investment Development Authority (BIDA) has a working experience with the Bangladesh government for 27 years. Mr. Hoque attended the event titled "Business Matching with Bangladesh Companies," held in Osaka and Tokyo, and provided information and consultations to Japanese companies. He also made presentations on Bangladesh investment opportunities at seminars organized during the events. Mr. Hoque also met Japanese companies and organizations individually who are seeking interests in business opportunities in Bangladesh.





**Senegal**

21 - 25 November

Mr. Aliou Gning, Deputy Mayor and Project Manager of the Sandiara Special Economic Zone, accompanied the Mayor of Sandiara, Dr. Serigne Gueye Diop, to Japan and participated in the Mayor's visit program. Dr. Diop and Mr. Gning attended the seminar "Business and Investment in Senegal – Opportunities from Sandiara Special Economic Zone to West Africa", held by UNIDO ITPO Tokyo on Tuesday, 22 November at the United Nations University Building and introduced the investment environment in Senegal. Mr. Gning will follow up on the actions which Dr. Diop identified during the visit to Japan together with Ms. Aissatou Ndiaye, UNIDO ITPO Tokyo Africa Advisor in Senegal.



**Cambodia, Sri Lanka and Uzbekistan**

4 - 10 December

UNIDO ITPO Tokyo invited experts in water supply and wastewater management from Cambodia, Sri Lanka and Uzbekistan, Mr. Sovithia Samreth from Cambodia, Ms. W.G.M.M.L. Yvonne De Silve from Sri Lanka and Mr. Jahongir Khalikov from Uzbekistan. They participated in the "Plant Show Osaka 2022" exhibition held at INTEX Osaka. They organized a series of business meetings with Japanese companies and organizations interested to develop business in those countries at UNIDO Booth. They also visited facilities related to water supply and sewerage treatment in Osaka during their stay in Japan.



**How to apply for the Delegate Programme (for recipient countries)**

Government or semi-government institutions in developing and emerging countries may nominate candidates with the following qualifications\*. The details of the programme are decided and agreed upon based on the discussion between UNIDO ITPO Tokyo and the delegate's organization:

- Substantive and/or management experience
- Perfect command of spoken and written English
- Strong negotiation and presentation skills
- Ample knowledge of the local industries
- Report writing and computer skills

Assistance includes promotion of projects, identification of potential business partners, arrangement of meetings and visits, organization of seminars and roundtable meetings, assistance for business communication and negotiation, provision of temporary office facilities.

\* Interested organizations may send an application request by e-mail; [itpo.tokyo@unido.org](mailto:itpo.tokyo@unido.org)

**How to join the programme activities (for Japanese companies)**

UNIDO ITPO Tokyo organize delegate programmes occasionally based on discussions and coordinations with investment promotion agencies (IPAs) in developing and emerging

countries. Once the programmes are fixed, details are uploaded on our website ([unido.or.jp/en/](http://unido.or.jp/en/)).

**Technology Transfer**

UNIDO ITPO Tokyo promotes selected sound, productive, and sustainable technologies and the knowledge of Japanese companies seeking partners overseas, in order to contribute to the industrial development worldwide.

**Sustainable Technology Promotion Platform (STePP)**

**Concept**

UNIDO ITPO Tokyo promotes selected sound and productive Japanese technologies in order to accelerate the transfer of such technologies to developing and emerging countries.

Technologies registered on STePP provide solutions to challenges faced by societies in developing and emerging countries. This includes energy technologies, environmental technologies, agribusiness technologies, human health technologies and disaster management technologies, all of which are provided by Japanese companies seeking to implement their technologies in developing and emerging countries.

STePP aims to become a platform where Japanese technology providers and governments/companies in developing and emerging countries can find partners for collaboration to achieve effective and sustainable technology transfer.

**Criteria for Registration**

The technologies are evaluated for registration on STePP by the UNIDO STePP Evaluation Committee based on the following criteria;

1. **Applicability in developing and emerging countries**
2. **Competitive advantage**
3. **Conformity with UNIDO's mandate of industrial development**
4. **Contribution to sustainability**
5. **Technical maturity**

Categories of technologies promoted are listed in the next page. Foreign Direct Investment (FDI), Joint Ventures (JV), and licensing of technologies, etc. are some of the ways by which the technologies can be transferred.

Any organizations in developing and emerging countries, such as governmental organizations, private enterprises, institutions or NGOs, are welcome to approach the technology providers on STePP through the contact person listed below each technology.

## Categories of UNIDO ITPO Tokyo's STePP

### Energy Technologies

- Renewable energy (ex: solar, wind, geothermal, small hydro, biomass)
- Energy saving and energy storage (ex: co-generation, storage batteries, energy saving)
- Utilization of unused resources (ex: high-efficiency and low-emission fossil fuel utilization)

### Environmental Technologies

- Pollution prevention and control (ex: pollution prevention of air, water and soil)
- Waste treatment and management (ex: industrial and municipal waste treatment)
- Circular economy (ex: 3R (reduce, reuse, recycle) related technologies)

### Agribusiness Technologies

- Food value chain (ex: processing and quality control of food and drinks)
- Production enhancement (ex: soil conditioner)
- Adaptation to climate change (ex: drip irrigation system)
- Water resource management (ex: desalination, fresh water storage)

### Human Health Technologies

- Public health (ex: drinking water supply, prevention of infection, toilets)
- Monitoring and diagnostic equipment (ex: simple equipment for health monitoring in remote areas)

### Disaster Management Technologies

- Disaster alert system (ex: alert for earthquakes, lightning strikes or floods)
- Disaster prevention and preparedness (ex: Slope collapse prevention, damping devices, lightning arresters)
- Disaster emergency response (ex: temporary accommodation and related equipment, logistic systems for relief goods)



## Results for 2022

**135** Technologies from **115** companies in STePP

**12** Technologies newly registered in 2022



## New Japanese Technologies Registered in 2022

	Company	Technology	Category
1	Biomass Resin Holdings Co., Ltd.	"Biodegradable and non-biodegradable Biomass Plastic Compound Technology Using Rice as a Raw Material (Neoryza & Rice Resin)"	Environment, Agribusiness
2	Challenge Co., Ltd.	Earthquake Sensor Alarm Device "EQ guard"	Disaster management
3	DMW Corporation	DeROs®: Energy Recovery System for RO (Reverse Osmosis) Desalination Plant	Energy
4	FujiClean Co., Ltd.	Magnetic Diaphragm Air Pump	Energy, Agribusiness
5	Hikariyane Corporation	Energy-efficient Lighting Fixture by the Application of Sunlight Diffusion and Solar Panel	Energy
6	IGADEN Co., Ltd.	Chemical-free Alkaline Water Production Equipment: "CLEVER SYSTEM®"	Human health
7	IGADEN Co., Ltd.	"MICRO WATER SYSTEM®": Electrolysis Type Wastewater Treatment Unit"	Environment
8	Kett Electric Laboratory Co. Ltd.	Accurate Moisture Tester for Various Grains and Seeds that Conforms to the International Standard	Agribusiness
9	MARUSYO SANGYO CO., LTD.	Formaldehyde Removal Coating, Odor Eliminating Fluid "S-3T"	Environment, Human health
10	Matsushima Measure Tech Co., Ltd.	Radar Type River Water Level Transmitter	Disaster management
11	Plus Lab Co., Ltd.	Sterilizing Agent Synthesized from Calcium Oxide "BiSCaO®": Calcined Scallop-shell with Advanced Manufacturing	Environment, Human health
12	Seiwa-Denko Co., Ltd.	A New System of Waterless Bio Toilet "Bio-Lux"	Environment, Human health



### Promotional Video Production

To promote the technologies registered under STePP, promotional videos were created for the following seven technologies in 2022 and made public on UNIDO ITPO Tokyo's website ([www.unido.or.jp/en/publications/videos/](http://www.unido.or.jp/en/publications/videos/)).

Biomass Resin Holdings Co., Ltd. / ELIS CO., LTD. / FLORA CO., LTD. / FujiClean Co., Ltd. / Kayama Kogyo Co., Ltd. / Kyowa Industrial Co., Ltd. / NISHIMURA MACHINE WORKS CO., LTD.



Video Library





**Highlight**

# Japanese Technologies to combat COVID-19 in Africa and Asia



Funded by the Japanese Ministry of Foreign Affairs (MOFA), the "Strengthening the capacity of developing countries to mitigate the impacts of the COVID-19 pandemic through appropriate technology transfer from Japan" project, also known as STePP Demo, has successfully concluded all technology transfer initiatives in December 2022. The project has provided solutions to 12 countries in Africa and Asia, with ten cutting-edge sustainable technologies registered under UNIDO ITPO's STePP.



## Focus Project Wastewater treatment system improves sanitation for 800 residents

Hinode Sangyo Co., Ltd. implemented a decentralised wastewater treatment system in Boughanim village, Al-Haouz Province, Morocco, as a part of the STePP Demo project. This technology can treat the wastewater generated by the village's 800 residents. Powered by solar energy, this system can operate autonomously, off-grid. The treatment process is facilitated by microorganisms and enhanced with Hinode Sangyo's microbubble technology. The training was also conducted for sustainable operation and management of the system, even after the project had concluded. The treated water and sludge can be utilised for agriculture, providing significant value in desert areas.

This system has contributed to preventing water-borne diseases and enhancing the lives of local residents.

*"We appreciate UNIDO and Hinode Sangyo for installing this technology in our village. This technology is very applicable to the challenges we have. We have suffered from waterborne diseases. The technology is much needed by our people."*

**Mr. Khalifa Elmasfioui**  
President, Boughanim Association for the Development and Agricultural Cooperation



## Sharing Experiences and Knowledge from the STePP Demo Project

### Hybrid Event: UNIDO-Japan Cooperation - Mitigating the Impacts of COVID-19 through Technology Transfer from Japan 24 March 2022, Vienna

UNIDO and the Permanent Mission of Japan to the International Organizations in Vienna co-organized the webinar to introduce outcomes of the project that aimed to transfer Japanese technologies to mitigate the impacts of COVID-19 and other infectious diseases. The seminar was attended by around the world. During the seminar, H.E. Ms. Tabu Irina, Ambassador of the Republic of Kenya to Japan, gave a remark as the representative of the recipient countries of the project. In the speech, the Ambassador stressed that results-oriented bilateral and multilateral cooperation and strong partnership are essential to continue tackling social and economic problems. The seminar was followed by a panel discussion with four key stakeholders from Japan and recipient countries to discuss their experiences and lessons learned from the project. Panellists were engaged in active discussion by reflecting on implementation challenges during COVID-19, as well as achievements from the projects and their opportunities for the future.



### Seminar & Networking: Japan's Technology Transfer to Mitigate the Impact of the COVID-19 9 June 2022, Tokyo

UNIDO ITPO Tokyo held its first physical event after COVID to report on the results of technology transfer projects to fight against COVID-19 and other infectious diseases funded by the Ministry of Foreign Affairs of Japan. The event was attended by 48 participants, including representatives from 9 Japanese companies involved in the project and embassy officials from 7 countries. In the discussion session, participants provided feedback on the project, including comments that the project not only contributed to the local community of the recipient countries but also provided opportunities for the Japanese companies to develop business in the countries further. In the networking session, embassy officials and Japanese companies interacted by sharing information on the projects and exchanging opinions on the applicability of the technology in recipient countries. The active discussion closed with remarks encouraging continued cooperation between Japan and developing countries to enhance technology transfer from Japan.



Delegate Programme

Technology Transfer

Seminars & Events

Capacity Building

Activities Overseas



## Seminars & Events



### Advantages of our seminars and events



#### Collaboration

In cooperation with government agencies and investment-related organizations in developing and emerging countries, we provide detailed information on the latest local investment needs, investment status and issues, and incentives for Japanese companies. Through such collaboration, we can deliver more accurate and reliable data and information in real time.



#### Networking

After our seminars, we offer individual consultations to help you build your network in the field, by matching with local government agencies and business people through UNIDO's network of 48 regional hubs in Africa, Asia and other parts of the world. We also have four locally based African Advisors who specialize in Africa.



#### Diverse Topics

We organize seminars that focus on various countries and regions, such as Asia, Africa, Latin America, and the Middle East. We organize seminars focusing on business meetings to match private sector and government representatives from developing countries with Japanese companies, as well as technology exhibitions to introduce technologies of Japanese companies to stakeholders in developing countries.



## Results for 2022

**35** Seminars & Events with **3,424** Participants

**1** Exhibition with **250** Participants

### Seminars & Events in 2022

#### UNIDO ITPO Tokyo Side Event at TICAD8 "How to Succeed in Attracting Investment and Technology Transfer from Japan" 24 August 2022, Online

UNIDO ITPO Tokyo organized the online webinar as a side event of the Eighth Tokyo International Conference on African Development (TICAD8) in Tunisia.



The seminar consisted of two-panel sessions. In the first panel, four African advisors from ITPO Tokyo introduced the business environments and opportunities in their countries. Moreover, they provided suggestions

to Japanese companies considering expanding their businesses into Africa in the future. In the second panel, 3 African experts who had previously participated in UNIDO ITPO Tokyo's delegate programme explored ways to promote business and investment by Japanese companies in Africa.

During the discussions, the panellists emphasized that successful business expansion in Africa requires sufficient information gathering and speedy preparation, planning, and implementation. It is important for Japanese companies to have connections with local stakeholders in each of the public and private sectors when developing business in African countries.

## Business and Tourism Opportunities of Andijan Region, Uzbekistan 24 November 2022, Tokyo



UNIDO ITPO Tokyo, jointly with the Embassy of Uzbekistan in Japan, organized a seminar on business and tourism opportunities in Andijan Region. The seminar was organized on occasion of the visit of the seven member delegations from Andijan Region headed by the Governor.

In his keynote speech, H.E. Mr. Shukhratbek Abdurakhmanov, Governor of Andijan Region, introduced that Andijan is rich in resources, and increasing interests are seen among foreign

entrepreneurs to develop business in the region as the investment climate has significantly improved in recent years. He expressed his hope that more Japanese companies pay attention to and consider investing in the Region.

The seminar included presentations on economic indicators, industries, and investment opportunities in the Andijan Region, and potential investment in manufacturing projects in highlighted “Andijan Industrial Hub” FEZ and Textile FEZ, as well as the manufacturing of pharmaceutical products.



## Business Matching with Bangladesh Companies 26 September 2022, Osaka / 29 September 2022, Tokyo

UNIDO ITPO Tokyo organized business matching events between Bangladesh and Japanese companies in Osaka and Tokyo.

At the two business matching events between Bangladesh and Japanese companies, eight Bangladesh companies from various sectors including engineering, textile/apparel, logistics, chemicals, pharmaceuticals, automobiles, renewable energy, insurance, and consulting, discussed potential business partnerships with Japanese companies. Representatives from Bangladesh Investment Development Authority (BIDA) and the Japan-Bangladesh

Chamber of Commerce & Industry (JBCCI) also joined the events. A total of 125 individual meetings were organized in 2 locations between Bangladesh and Japanese businesses.



## Business and Investment in Senegal – Opportunities from Sandiara Special Economic Zone to West Africa 22 November 2022, Tokyo

In honour of welcoming Dr. Serigne Gueye Diop, Mayor of Sandiara Special Economic Zone and Special Advisor to the President of the Republic of Senegal to Japan, ITPO Tokyo held this event at the United Nations University (Shibuya, Tokyo). The seminar was attended by 60 participants from Japanese companies considering expansion to Senegal.

In the panel session, Dr. Serigne Gueye Diop stressed that the clarity of the tax incentive systems and

the country’s friendly relations are important for investments. Mr. Tatsuo Arai, who served as Ambassador of Japan in Senegal, and Mr. Koichi Sato, CEO, TUMIQUI JAPON SASU (Sénégal), who established a company in the SEZ reflected on his own experience, commented on recent trends in Senegal. During the networking session, many participants built relationships for future business development in Senegal.



*“Senegalese economic policies are easy to understand, and the political situation is stable. Diplomatic relations with Japan have continued for 60 years, making it attractive for Japanese companies.”*  
Dr. Serigne Gueye Diop

## Uganda-Japan Business Forum 1 December 2022, Tokyo

UNIDO ITPO Tokyo, together with the Embassy of Uganda, hosted the Forum on the occasion of the visit of the Prime Minister of the Republic of Uganda, Rt. Hon. Robinah Nabbanja. The forum featured economic recovery and corporate resilience and was attended by about 100 persons from Japanese companies considering expansion into Uganda.

In the keynote speech, Rt. Hon. Robinah Nabbanja, Prime Minister of the Republic of Uganda, mentioned important future sectors in Uganda and emphasized “economic recovery and corporate resilience through sustainable business” as a theme for collaboration.

During the presentation session, the panellists discussed Uganda’s history of significant economic growth over the past 30 years and emphasized that understanding and mutual respect for the cultural differences between the two countries is essential for developing new businesses in Uganda. In the panel session, Ms. Robina Nabanja, Amb. Kazuaki Kameda,



Honorary Consul of the Republic of Uganda in Sapporo, Mr. Hez Kimoomi Alinda, Chief Executive Director, Uganda Free Zone Authority (UFZA), and Mr. Tatsumasa Oku, Managing Director of Smileyearth Corporation, took the stage to discuss the launch of new businesses in Uganda and future cooperation between the two countries.





## Capacity Building

Capacity Building activities help foster the organizational ability of developing and emerging countries to promote industrial development. UNIDO ITPO Tokyo organizes capacity-building activities such as lectures and visits to factories and exhibitions, as well as fact-finding meetings for various delegations from developing countries and for foreign embassy officials in Japan.

## The 15th Kawasaki International Eco-Tech Fair Tour / Embassy diplomats from 30 countries participated

18 November 2022, Kawasaki

UNIDO ITPO Tokyo and Kawasaki City jointly organized a tour to the 15th Kawasaki International Eco-Tech Fair held in Kawasaki city, inviting diplomats from the embassies of developing and emerging countries based in Tokyo. After meeting with Kawasaki City Mayor Mr. Norihiko Fukuda, the diplomats visited six company booths at the venue. They learned about the technologies that can be applied to the development

of their countries, such as water purification systems, air filter sprays that improve the fuel efficiency of cars, water treatment overseas through public-private partnerships, and waste treatment. In addition to the effectiveness and performance of the products themselves, the diplomats asked many questions about the cost of maintenance and support for these products.

### Voices of the participants



- "I would like to discuss how the technology can be applied to solve my country's issues in the future."
- "I was surprised at the high level of Japanese technology."
- "I would like to continue exchanging information with the companies."

## ADC and UNIDO Online Discussion for TICAD8

9 February 2022, Online

UNIDO held an online roundtable discussion with the African Diplomatic Corps (ADC). Nearly 50 ambassadors and diplomats attended the meeting with strong attention to support programmes and activities for investment opportunities in Africa. The main objective of the event was to provide the ADC with a synopsis of UNIDO objectives and efforts to encourage investment prospects in crucial sectors, data on the latest progress and on technologies already transferred to Africa under UNIDO. Participants also discussed the possibility of featuring investment promotion and technology transfer activities during TICAD8 and expanding networking and collaboration with UNIDO. Later in the event, ambassadors and diplomats stressed the need to invest more to SMEs, green technology, science, innovative and sustainable technologies, the pharmaceutical

industry, capacity building, entrepreneurship, job creation, and start-up programs for youth in Africa. The event confirmed the need and importance of further collaboration to promote industrial development between Japan and Africa at the 8th Tokyo International Conference on African Development (TICAD8).



## Results for 2022

### 2 Embassy Programmes with 80 Participants

Delegate Programme  
Technology Transfer  
Seminars & Events  
Capacity Building  
Activities Overseas



## Activities Overseas

ITPO Tokyo facilitates business activities of Japanese companies overseas through a network of UNIDO, government and private sector contacts in developing and emerging countries, as well as through the Africa Advisors Programme.

### Africa Advisors Programme

Since 2013, experienced African investment promotion advisors have been assigned to support Japanese companies interested in starting a business on the continent. Our advisors provide a variety of services necessary for doing business in Africa, such as consultations for connecting with local businesses, arranging meetings with government agencies, matchmaking with local partners, and facilitating site

visits to local companies. As of now, four advisors, based in Algeria, Ethiopia, Mozambique and Senegal, cover eight countries (Algeria, Burundi, Cote d'Ivoire, Ethiopia, Mozambique, Rwanda, Senegal and Uganda). In 2022, the advisors provided assistance to 63 Japanese companies; some of them have already succeeded in concluding business agreements with local partners and in establishing liaison offices.



## Results for 2022

### Africa Advisors provided assistance to **63** Japanese companies

#### Supporting a Japanese start-up company establishing a dairy processing plant in Ethiopia



Mr. Tadesse Dadi Segni, one of our Africa Advisors based in Ethiopia, provided smooth operations and regular hands-on support to a Japanese startup company called Food for Future working to establish a dairy processing plant in the country's southern region.

Construction of the factory building is underway and will be completed soon.

#### Facilitation of the signing of an MOU between a Japanese company and the government in Senegal on e-learning



Ms. Aïssatou Ndiaye, one of our Africa Advisors based in Senegal, supported a Japanese company to sign an MoU on e-learning with the Senegalese Ministry of Education and the city of Sandiara in 2021. She also provided consulting services on the e-learning project implementation with the Ministry of Education in 2022.



Delegate Programme  
Technology Transfer  
Seminars & Events  
Capacity Building  
Activities Overseas

## Africa Advisors

### Advisor in Algeria Mr. Lies Kerrar



**Languages:**  
French, English, Spanish and Arabic

**Contact:**  
Tel: +213-21-798686  
E-mail: l.kerrar@unido.org

### Advisor in Ethiopia Mr. Tadesse Dadi Segni



**Languages:**  
Amharic and English

**Contact:**  
Tel:+(251-11)544-4490  
Mobile: +(251-91)124-7424  
E-mail: t.segni@unido.org

\*Also covering Burundi, Uganda and Rwanda

### Advisor in Mozambique Mr. Nândio Durão



**Languages:**  
Portuguese, English, Spanish, and Japanese

**Contact:**  
Tel: +258-21487108  
Mobile: +258-823089478  
E-mail: n.durao@unido.org

### Advisor in Senegal Ms. Aïssatou Ndiaye



**Languages:**  
French, English, Wolof and Spanish

**Contact:**  
Tel: +221-33-8596774  
E-mail: a.ndiaye@unido.org

\*Also covering Cote d'Ivoire

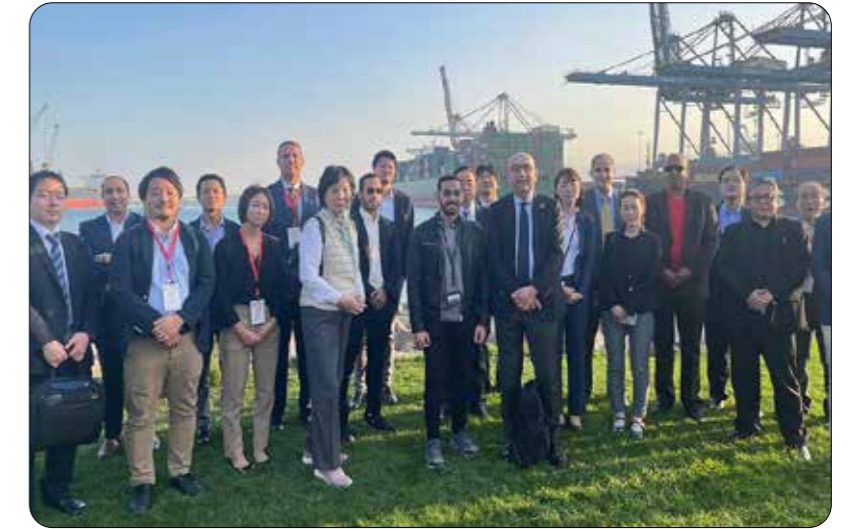
## Business Mission to Egypt / 12 Japanese Companies Explore New Business Opportunities

3 – 8 December 2022, Cairo

12 Japanese companies in the fields of Manufacturing, ICT, Venture Capital, Healthcare, Agrifood and Waste Management visited Egypt. The purpose of the mission was to find new business opportunities in this growing market with a 100 million plus and growing population, and export potential to Africa, the Middle East and Europe.

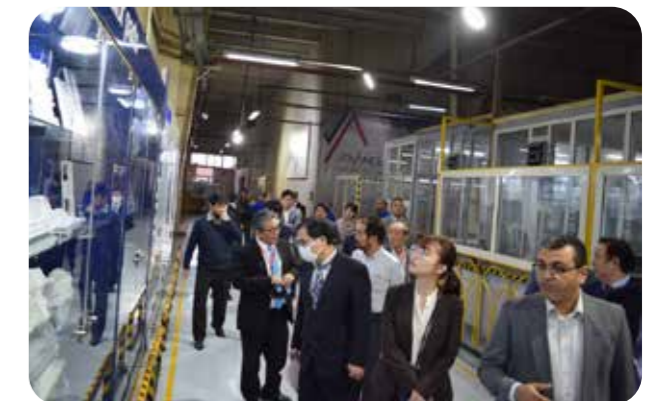
The mission was co-organized by UNIDO ITPO Tokyo, the Japan Cooperation Center for the Middle East (JCCME) and the Economic and Commercial Office of the Embassy of Egypt in Tokyo. Several partner organizations also supported the mission, including UNIDO Egypt, the Embassy of Japan in Egypt, the Egypt-Japan Business Council (EJBC), and the General Authority for Foreign Investments and Free Zones (GAFI), amongst many others.

The visit was kicked off on 4 December by the “Egypt-Japan Business Matching Seminar” co-organized with EJBC and attended by 50 Egyptian companies and institutions on 4 December, which comprised of a high-level opening session, followed by the introduction of Japanese companies and later culminated in a 5 hour long B2B session. Japanese and Egyptian companies realized approximately 110 business meetings.



On 5 to 7 December, mission members had meetings with the Japanese Embassy in Egypt, JETRO and JICA. They visited the ElAraby Electronics Factory, the Suez Canal Special Economic Zone (SCZone), Orascom Development Co. and Saraya Corp. in the SCZone, and AlSokhna Port. In addition, mission members were divided by sector into Healthcare, Industry and Manufacturing, and ICT, and visited related companies and government agencies.

Through the active B2Bs, high level networking and interactions, Japanese mission members were able to gain a good understanding of the economic and business environment in Egypt and to positively consider new projects in the country. UNIDO ITPO Tokyo and JCCME will follow up with participating companies to monitor their progress in the coming months, and report their achievements.



# APPENDIX

## Delegate Programme

	Country	Date	Name	Title	Organization
1	Uganda	14 - 25 March	Ms. Sarah Nassimbwa	Investment Executive, Investment Promotion and Business Development Division	Uganda Investment Authority (UIA)
2	Colombia	10 - 27 May	Mr. Mauricio Concha Rivera	Investment Manager (Manufacturing Sector)	Invest Pacific
3	Côte d'Ivoire	12 - 29 July	Mr. Thierry Badou	Director of Investment Attraction	Center for the Promotion of Investment in Cote d'Ivoire (CEPICI)
4	Bangladesh	26 September - 5 October	Mr. Md Ariful Hoque	Director	Bangladesh Investment Development Authority (BIDA)
5	Senegal	21 - 25 November	Mr. Aliou Gning	Deputy to the Mayor, Project Manager of Special Economic Zone	Sandiara Special Economic Zone (Sandiara city, Senegal)
6	Cambodia	4 - 10 December	Mr. Sovithiea Samreth	Deputy Director General	Phnom Penh Water Supply Authority
7	Sri Lanka	4 - 10 December	Ms. W.G.M.M.L. Yvonne De Silve	Specialist Enginner	Central Engineering Consultancy Bureau (CECB)
8	Uzbekistan	4 - 10 December	Mr. Jahongir Khalikov	Chief Specialist	Uzsuvtaminot

## Technology Transfer

**NEW** Registered in 2022

	Company	Technology	Energy	Environment	Agribusiness	Human Health	Disaster Management
1	AffordSENS Corporation	Vitalgram®: Wearable Multi-Vital Sensor				○	
2	AGC Inc.	Electrodialysis Using Ion Exchange Membranes		○	○		
3	AGC Inc.	High Durability Film "F-CLEAN™" for Greenhouse	○		○		
4	ARKRAY, Inc.	ARKRAY Japan: Blood Biochemical Analyzer "The Lab 004"				○	
5	Bamboo Chemical Laboratory, Ltd.	3 Types of Small Hydropower Generator	○				
6	BGCT JAPAN K.K., Creative Co., Ltd.	Solid Recovered Fuel 'Green Coal' - RPPWF™	○	○			
<b>NEW</b>	7	Biomass Resin Holdings Co., Ltd.	Biodegradable and non-biodegradable Biomass Plastic Compound Technology Using Rice as a Raw Material (Neoryza & Rice Resin)		○	○	
	8	Biomaterial in Tokyo Co., Ltd. (bits)	Ethanol Production through Yeast Fermentation	○			
<b>NEW</b>	9	Challenge Co., Ltd.	Earthquake Sensor Alarm Device "EQ guard"				○
	10	CHARMANT INC.	Ophthalmic Medical Equipment Made by Metal Processing Technologies			○	
	11	CHUWA INDUSTRIAL CO., LTD., M.K.D. Corporation	Environment-friendly and Smokeless Incinerator: CHUWASTAR		○		
	12	COMOTEC Corporation	Cassette-type Black Smoke Removal Device		○		

	Company	Technology	Energy	Environment	Agribusiness	Human Health	Disaster Management
	13	CR-POWER LLC		○			
<b>NEW</b>	14	DMW Corporation		○			
	15	Donico Inter Co., Ltd.			○		
	16	Donico Inter Co., Ltd.			○		
	17	Earth Clean Tohoku Co., Ltd.		○		○	
	18	EcoCycle Corporation			○		
	19	Ef-Initials Co., Ltd.				○	○
	20	EiShin Co., Ltd.		○	○		
	21	ELIS CO., LTD.		○			
	22	Excelsior, Inc.			○		○
	23	Fermentation Co., Ltd.			○	○	
	24	FLORA Co., Ltd.				○	
	25	FujiClean Co., Ltd.			○		○
<b>NEW</b>	26	FujiClean Co., Ltd.		○		○	
	27	Fujita Corporation					○
	28	FUMIN Co., Ltd.		○			
	29	FUMIN Co., Ltd.				○	
	30	FURUNO ELECTRIC CO., LTD.					○
	31	GAINA Pro Co., Ltd., NISSIN-SANGYO CO., LTD.		○			
	32	GIKEN LTD.				○	○
	33	Green Science Alliance Co., Ltd.			○		
	34	GUUN Co., Ltd.			○		
<b>NEW</b>	35	Hikariyane Corporation		○			
	36	HINODE SANGYO Co., Ltd.			○		
	37	HINODE SANGYO Co., Ltd.			○		
	38	Hitachi Metals, Ltd.		○			
	39	HORIBA, Ltd.		○		○	
<b>NEW</b>	40	IGADEN Co., Ltd.					○
<b>NEW</b>	41	IGADEN Co., Ltd.			○		
	42	IHI Corporation		○			
	43	JAG SEABELL CO., LTD.		○			
	44	Japan Conservation Engineers & Co., Ltd.				○	
	45	Japan Insulation Co., Ltd.		○	○		
	46	JTOP Co., Ltd.			○		

	Company	Technology	Energy	Environment	Agribusiness	Human Health	Disaster Management
47	KAIHO INDUSTRY CO., LTD.	Eco-Friendly ELV Recycling System		o			
48	KANAZAWA INDUSTRY CO.,LTD & AGC Inc.	Electrolyzed Water Generator Incorporated with Ion Exchange Membrane			o	o	
49	KANEKA CORPORATION	KANEKA Biodegradable Polymer PHBH™		o			
50	KAWASAKI KIKO CO., LTD.	Tea Ingredient Analyzer			o		
51	KAWATOKU CO., LTD.	Removing Heavy Metals from Water		o			
52	Kayama Kogyo Co.,Ltd.	Treatment and Recycling System for Industrial Waste and Medical Waste to Form a Sustainable Society		o			
<b>NEW</b>	Kett Electric Laboratory Co. Ltd.	Accurate Moisture Tester for Various Grains and Seeds that Conforms to the International Standard			o		
54	KIHARA WORKS Co., Ltd.	Food Dehydrator with DDS (Dual Drying System)			o		
55	KINSEI SANGYO CO.,LTD.	Waste Incinerator of Gasification System		o			
56	KITA MACHINERY Co.,Ltd	Design and Construction of Small Hydropower Generation	o				
57	KITA MACHINERY Co.,Ltd	Design and Construction of Wastewater Treatment Facility		o			
58	Kokusaikan Corporation Japan, Japan Nano Coat Co., Ltd., Miyako Roller Industrial Co., Ltd., ef-initials Co., Ltd., Nano-Science Laboratory Corporation	Nanotechnology & Industrial Coatings	o				
59	KOMAIHALTEC Inc.	Mid-Size Wind Turbine "KWT300" (300kW)	o				
60	KYOCERA Corporation	Photovoltaic Module / Solar Hybrid System	o				
61	Kyowa Industrial Co.,Ltd.	Reinforcing Joint Packing for Flange: LSP			o		o
62	Lequio Power Technology Corp., Okinawa Medical Device Co., Ltd.	Ultrasound Imaging Diagnostic Device				o	
63	MARS Company	High-Quality Food Preservation: Kuraban			o		
64	MARS Company	Special Ice Maker from Salty Water: sea snow			o		
65	MARUSYO SANGYO CO.,LTD.	Antimicrobial Coating: Inviroshield M5		o		o	
<b>NEW</b>	MARUSYO SANGYO CO., LTD.	Formaldehyde Removal Coating, Odor Eliminating Fluid "S-3T"		o		o	
<b>NEW</b>	Matsushima Measure Tech Co., Ltd.	Radar Type River Water Level Transmitter					o
68	Nanatsubaki Inc. (Matsuzawa kawataten Group)	Electrodeless Germicidal Lamp: "SVI (Super Virus Inactivity) Light"				o	
69	Mebiol, Inc.	Sustainable Agriculture through Film Farming			o		
70	Microtech Inc.	Drinking Water Quality Analysis Technology				o	
71	Mikuniya Corporation	Mishimax Organic Waste Treatment System		o			
72	Mitsubishi Chemical Aqua Solutions Co., Ltd.	Oil Adsorbent DiaFellow™ DM		o			
73	Mitsubishi Chemical Aqua Solutions Co., Ltd.	On-Site Water Treatment System		o		o	
74	Mitsubishi Chemical Aqua Solutions Co., Ltd.	Real-time Online Wastewater Monitoring System		o			
75	Nabell Corporation	Portable Solar Power Charge and Storage System	o				
76	Nakayama Iron Works, Ltd.	Pico and Micro Hydropower Systems	o				
77	NascNano Technology Co., Ltd.	Multifunctional Nano-coating Technology		o		o	
78	NEC CORPORATION	NEC HSS®: Hybrid Storage Solution for Optimizing Renewable Energy	o				
79	NEW STANDARD'S Co., Ltd.	AWG (Atmospheric Water Generator) with Ultra-efficient Condensation System "Sarastear®"			o	o	

	Company	Technology	Energy	Environment	Agribusiness	Human Health	Disaster Management
80	NGK INSULATORS, LTD.	Sodium Sulfur Battery System	o				
81	Nihon Genryo Co., Ltd.	Eco-friendly Mobile Sand Filtration Device		o			
82	Nihon Genryo Co., Ltd.	Eco-friendly Non-Electric Sand Filtration Device		o			
83	Nihon Genryo Co., Ltd.	Eco-friendly Sand Filtration Device		o			
84	NIHONHAKKO Co., Ltd.	KID System		o			
85	Nippon Basic Co., Ltd.	Bicycle-Powered Water Purifying Equipment		o		o	
86	Nippon Basic Co., Ltd.	Desalination of Seawater for Drinking			o		
87	Nippon Biodiesel Fuel Co., Ltd. (NBF)	Rural Energy Supply with Jatropa	o		o		
88	NISHIMURA MACHINE WORKS CO., LTD.	Rice Flour Making Machine and Technology by Semi-wet Method			o		
89	Nomura Kohsan Co., Ltd.	Mercury Waste Recycling Technology		o			
90	Old Faithful Japan Co., Ltd.	Clean Move		o		o	
91	OOHASHI CO., LTD.	Road Mats Made of Recycled Polyethylene		o			o
92	Ele Mag Lab. Co., Ltd (former O's&Tec Co.,Ltd.)	High Voltage Generator for Maintaining Freshness "Wi-Free"			o		
93	OSMO Co., Ltd.	Distributed Simple Water Purification Plant System		o		o	
94	Panasonic Corporation	Rechargeable Solar LED Lantern	o				
95	3ms, Inc	Energy-Saving Ceramic Sheets for Air Conditioners	o				
<b>NEW</b>	Plus Lab Co., Ltd.	Sterilizing Agent Synthesized from Calcium Oxide "BiScaO": Calcined Scallop-shell with Advanced Manufacturing		o		o	
97	RBC Consultant Co., Ltd.	Water Treatment with Bakture System		o	o		
98	Sanso Electric Co., Ltd.	Desalination - Small Equipment for Making Seawater into Drinking Water			o	o	
99	Saraya Co., Ltd.	Anti-Viral Alcohol-Based Hand Rub and Improvement of Hygiene Environment through Infection Prevention and Control by Hygiene Instructors				o	
<b>NEW</b>	Seiwa-Denko Co., Ltd.	A New System of Waterless Bio Toilet "Bio-Lux"		o		o	
101	Shinko Tecnos Co., Ltd.	Hydrothermal Treatment Technology		o			
102	Shinko Tecnos Co., Ltd.	Plastic Changing to Oil Machine (BP-2000N/5000N)	o	o			
103	SHINMEI Co., Ltd.	Food Traceability Technology Utilizing QR Code, RFID IC Tag and Printer			o		
104	Sion Corporation	Anti-Virus/Microbe Porous Material and Applied Equipment		o		o	
105	Sion Corporation	Functional Material: CircuLite	o	o			
106	SO-EN CO., LTD.	Water Treatment with Carbon Fiber		o			
107	Solar Wind Technology inc., KANKYO BUNKA KENKYUSHO Co., Ltd., Aga Material Co., Ltd.	Hypochlorous Acid Type Disinfectant: JIAT X KIREIKUKAN				o	
108	Sugawara Industry Co., Ltd.	Asphalt Waste Recycling Technology		o			
109	Sumino Co., LTD.	Micro Hydraulic Power Unit (Spiral Type Pico-Hydro Unit)	o				
110	Sumitomo Electric Industries, Ltd.	Concentrator Photovoltaic (CPV) Power Generation System	o				
111	Sumitomo Electric Industries, Ltd.	Vanadium Flow Battery System for Energy Efficiency	o				
112	TAIKI SANGYO CO., LTD.	Electric Food Dryer			o		



	Company	Technology	Energy	Environment	Agribusiness	Human Health	Disaster Management
113	Takino Filter inc.	Takino Filter Growing Mats			o		o
114	Tamada Industries, Inc.	SF Double-wall Tank		o			o
115	TBM Co., Ltd.	FOG-green Power Generation System	o	o			
116	TBM Co., Ltd. (Times Bridge Management)	LIMEX: Alternate Plastic and Paper Material		o			
117	Techno Medica Co., Ltd.	Portable Electrolyte Analyser: STAX-5 inspire				o	
118	TECHNO TAKATSUKI, CO., LTD.	Linear Diaphragm Air Pump	o	o			
119	TERAL INC.	DC Solar Pump System			o		
120	Terios-Tec Co., Ltd., and Parks Co., Ltd.	Hypochlorous Acid Solution Manufacturing Equipment (Patented Technology: Buffer Method)				o	
121	TOHATSU CORPORATION	Electronically Controlled 4 Stroke Fuel Injection Systems (Model: VF53AS)			o		o
122	Tokyo Boeki Medisys Inc.	Fully Automated Clinical Analyser "BIOLIS 30i"				o	
123	TOTETSU MFG. CO., LTD.	Rainwater Harvesting and Underground Storage			o		
124	Tottori Resource Recycling Inc.	Porous Alpha		o	o		
125	Toyokosho Co., LTD.	Photocatalytic Deodorization System: PCF® Hybrid		o			
126	Tromso Co., Ltd.	Rice Husk Briquette Machine		o	o		
127	Tromso Co., Ltd.	Water Purifier 'Welvina' Series		o		o	
128	TSP TAIYO INC.	Mobile Inspection System with Solar Modules				o	
129	Tsuji plastics Co., Ltd	Battery-free Innovative Solar Charger	o	o			
130	Tsukushima Kankyo Engineering Ltd.	Waste Liquid Incineration System		o			
131	VPEC Inc.	Power Router for ECONETWORK	o				
132	Well Create Co., Ltd.	Merry's System: Food Waste Composting and Creating Recycling Loop		o	o		
133	Yamaha Motor Co., Ltd.	Clean Water Supply System for Rural Areas		o		o	
134	YIELD Co., Ltd.	Photocatalyst Titanystar		o		o	
135	Y's Global Vision, Inc.	Compact-Sized Desalination Device			o	o	

**Seminars & Events**

	Title	City	Date	Participants
1	Mauritius Webinar	Online	1/27	121
2	Cuba Business Seminar	Online	1/31	75
3	Sri Lanka Investment Seminar	Online	2/17	100
4	Business Matching with Bangladesh Companies	Online	2/24 - 3/15	76
5	Nepal Investment Seminar	Online	3/4	76
6	Uganda Business Seminar	Online	3/16	140
7	EBRD/UNIDO Joint Event "Achieving Sustainable Growth through ESG (Environment, Society and Governance) Investment"	Online	3/17	150
8	SCEJ 87th Annual Meeting Making the Sapporo Declaration in Action toward the Achievement of SDGs - Future Chemical Factory with Diversity and Decent Work	Kobe & Online	3/17	208
9	IDB Online Seminar 2022 Latin American and Caribbean Macroeconomic Report	Online	5/26	131

	Title	City	Date	Participants
10	Investment Opportunities in Economic Zones in Bangladesh	Online	6/8	197
11	Seminar and Event: Seminar & Networking: Technology Transfer from Japan during the COVID-19 pandemic	Tokyo	6/9	48
12	Bangladesh-Japan IT Business Collaboration Networking	Tokyo	6/14	40
13	Cameroon Business Seminar	Online	6/16	100
14	Bangladesh Seminar on "Trade, Investment and Skilled Human Resources	Saitama	6/22	134
15	IT and Software Industry in Sri Lanka	Online	7/5	40
16	Côte d'Ivoire Business Seminar	Online	7/6	116
17	Learning from Entrepreneurs in Africa: Challenges and Prospects for Gender Inclusive Business Development	Online	7/26	125
18	How Japan can contribute to Industrial Human Resources Development in Africa	Online	8/22	200
19	UNIDO ITPO Tokyo Side Event at TICAD8: How to Succeed in Attracting Investment and Technology from Japan	Online	8/24	235
20	Tajikistan Investment Seminar	Online	8/31	91
21	Special Symposium on the occasion of SCEJ 53rd Autumn Meeting Making the Sapporo Declaration in Action toward the Achievement of SDGs: Contribution of Chemical Engineering to the Sustainable Development in Small Islands Countries	Nagano	9/16	113
22	The Mauritius TICAD8 Official Side Event "Japan-Mauritius: Moving Africa Up the Value Chain"	Online	9/21	50
23	Business Matching with Bangladesh Companies (Osaka)	Osaka	9/26	47
24	Seminar on Investment Opportunities and Business Practices in Bangladesh (Osaka)	Osaka	9/26	36
25	Business Matching with Bangladesh Companies (Tokyo)	Tokyo	9/29	63
26	Seminar on Investment Opportunities and Business Practices in Bangladesh (Tokyo)	Tokyo	9/29	44
27	Launching of Bangladesh IT Connect Portal-Japan	Online	10/13	103
28	Bangladesh FaW Networking	Tokyo	10/18	40
29	Jordanian Dead Sea Products Seminar	Tokyo	10/20	60
30	Business and Investment in Senegal - Opportunities from Sandiara Special Economic Zone to West Africa	Tokyo	11/22	60
31	Business and Tourism Opportunities of Andijan Region, Uzbekistan	Tokyo	11/24	48
32	Turkish Investment Seminar	Online	11/25	100
33	Uganda-Japan Business Forum	Tokyo	12/1	140
34	Mauritania Investment Promotion Seminar	Tokyo	12/2	42
35	Egypt-Japan Business Matching Seminar	Cairo	12/4	75
Total				3424

**Exhibitions**

	Title	City	Date	Booth Visitors
1	Booth Participation in the Plant Show OSAKA 2022	Osaka	12/7-9	250
Total				250

**Capacity Building**

	Title	City	Date	Participants
1	ADC and UNIDO Online Discussion for TICAD8	Online	2/9	50
2	"15th Kawasaki International Eco-Tech Fair" Embassy Programme	Kawasaki	11/18	30
Total				80



UNIDO ITPO Tokyo  
UNU HQs Bldg. 8F, 5-53-70, Jingumae  
Shibuya-Ku, Tokyo 150-0001  
Japan



+81-3-6433-5520



<http://www.unido.or.jp/en/>  
<http://www.unido.org/>



[itpo.tokyo@unido.org](mailto:itpo.tokyo@unido.org)



UNITED NATIONS  
INDUSTRIAL DEVELOPMENT ORGANIZATION