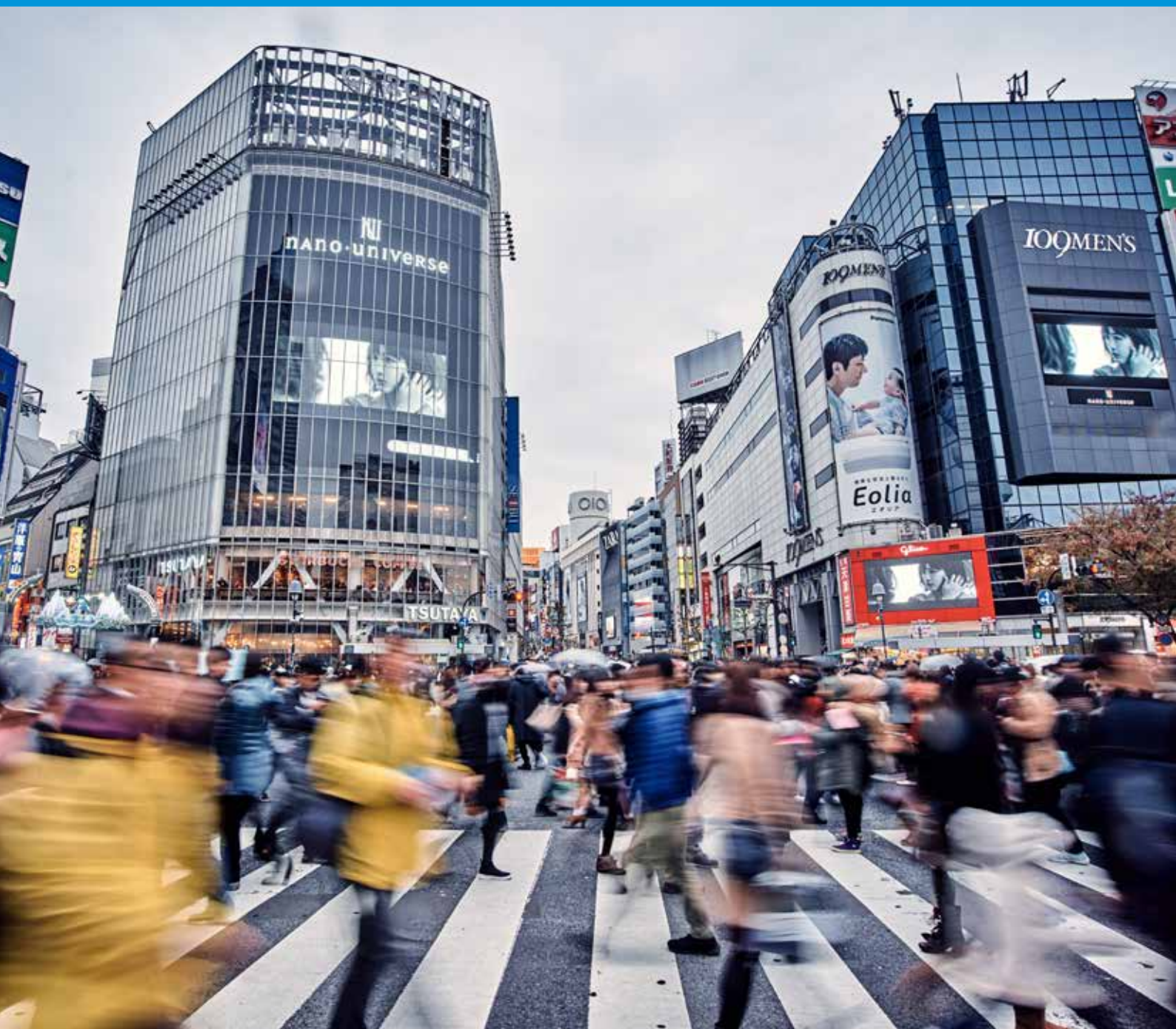




UNITED NATIONS  
INDUSTRIAL DEVELOPMENT ORGANIZATION



INVESTMENT AND TECHNOLOGY PROMOTION OFFICE, TOKYO

---

# Annual Report 2016

---

# About UNIDO

## Director General

**UNIDO's Director General LI Yong concluded his third official mission to Japan on 11-13 May where he successfully held several bilateral meetings and a Japan-UNIDO multi-stakeholder cooperation dialogue with the Government of Japan, the Japanese private sector, and the African Diplomatic Corps.**

On the occasion of TICAD VI held in Nairobi, Kenya on 26 August, LI Yong signed a new partnership agreement with the Japan External Trade Organization (JETRO) to develop joint cooperation projects enhancing inclusive and sustainable industrial development in developing countries.

## 50th Year Anniversary of UNIDO

**On 17 November 1966, UNIDO was established by the United Nations General Assembly in New York, with the objectives of supporting infrastructural transformation, agricultural revolution, and economic self-sufficiency through industrialization in developing countries.** 2016 thus marked the 50th Anniversary of UNIDO's establishment, which was celebrated with commemorative events held from 21 to 25 November in Vienna, where UNIDO's headquarters has been located since 1981.

Throughout the celebratory events, UNIDO reiterated its commitment to the principles of industrial development initiated in 1966, and especially to its current commitment to support the Sustainable Development Goals (SDGs), including SDG 9, through the promotion of Inclusive and Sustainable Industrial Development (ISID).



Director General LI Yong met Mr. Masakazu Hamachi, Parliamentary Vice-Minister of Foreign Affairs of Japan



Director General LI Yong and Mr. Hiroyuki Ishige, the Chairman and CEO of JETRO

The week-long celebration was attended by some 1,600 participants from over 190 countries, including high-level representatives of UNIDO's 170 member states as well as leaders from international organizations and the private sector and leading figures from academia. Around 300,000 people from all over the world took part in the celebrations via our social media channels and were able to join us directly through the live streaming of selected events.

On the sidelines of the celebration, UNIDO signed 18 cooperation agreements, including ones with the Austrian Federal Chancellor, the Austrian Development Agency, the Austrian Energy Agency, the Bulgarian Industrial Capital Association, the China International Center for Economic and Technical Exchanges, the German Federal Minister for Economic Cooperation and Development, the governments of Japan, Norway and Switzerland, and the Turkish Cooperation and Coordination Agency.

## What is UNIDO?

**UNIDO is the specialized agency of the United Nations that promotes industrial development for poverty reduction, inclusive globalization and environmental sustainability.**

The mandate of the United Nations Industrial Development Organization (UNIDO) is to promote and accelerate inclusive and sustainable industrial development in developing countries and economies in transition.

UNIDO's vision is a world where economic development is inclusive and sustainable and economic progress is equitable. The Organization focuses on three main thematic areas:

- Poverty reduction through productive activities
- Trade capacity-building
- Energy and environment

The Organization is recognized as a specialized and efficient provider of key services meeting the interlinked challenges of reducing poverty through productive activities, integrating developing countries in global trade through trade capacity-building, fostering environmental sustainability in industry, and improving access to clean energy.

### At a Glance

Establishment: 1966  
Member States (as of February 2017): 168  
Headquarters: Vienna, Austria  
Director General: LI Yong  
Number of Staff (as of February 2017): approx. 700

## The UNIDO Network

### UNIDO Headquarters Vienna, Austria



Vienna International Centre  
P.O.Box 300, 1400 Vienna, Austria  
Tel: (+43-1) 26026-0  
Fax: (+43-1) 26926-69  
E-mail: unido@unido.org

8

### 8 ITPOs

Bahrain  
China (Beijing)  
China (Shanghai)  
Italy

Japan  
Nigeria  
Republic of Korea  
Russian Federation

3

### 3 Liaison Offices

Brussels, Belgium  
Geneva, Switzerland  
New York, U.S.A.



53

53 offices  
11 Regional offices [r] / 23 Country offices [c] /  
14 Desk offices and Field offices [d] / 5 Focal points [fp]

### <<Africa>> 20

Burkina Faso [d]  
Cameroon [r]  
Congo (Democratic Republic of) [c]  
Côte d'Ivoire [c]  
Ethiopia [r]  
Ghana [c]  
Guinea [c]  
Kenya [c]  
Madagascar [c]  
Mali [d]  
Mozambique [d]  
Nigeria [r]  
Rwanda [d]  
Senegal [c]

Sierra Leone [d]  
South Africa [r]  
Uganda [d]  
Tanzania [c]  
Togo [fp]  
Zimbabwe [d]

### <<Arab States>> 7

Algeria [d]  
Egypt [r]  
Jordan [d]  
Lebanon [r]  
Morocco [c]  
Sudan [c]  
Tunisia [c]

### <<Asia and Pacific>> 13

Afghanistan [d]  
Bangladesh [d]  
Cambodia [d]  
China [r]  
India [r]  
Indonesia [c]  
Iran [c]  
Lao PDR [d]  
Pakistan [c]  
Philippines [c]  
Sri Lanka [fp]  
Thailand [r]  
Viet Nam [c]

### <<Europe and Newly Independent States>> 5

Armenia [d]  
Kyrgyzstan [c]  
Russian Federation [fp]  
Turkey [d]  
Ukraine [fp]

### <<Latin America and the Caribbean>> 8

Bolivia [c]  
Brazil [c]  
Colombia [c]  
Cuba [fp]  
Ecuador [c]  
Mexico [r]  
Nicaragua [c]  
Uruguay [r]

# About UNIDO ITPO Tokyo

## Message from the Head

**Hiroshi Kuniyoshi**

The year 2016 coincided with the 50th anniversary of the establishment of UNIDO, and the 35th anniversary of the establishment of UNIDO ITPO Tokyo, which was founded in 1981 as one of UNIDO's global investment and technology promotion offices (ITPOs). In 2017, the number of ITPOs worldwide will reach 9, as an agreement was signed in November 2016 between UNIDO and the Government of Germany to establish UNIDO ITPO Bonn.

Observing these important milestones, UNIDO ITPO Tokyo continued to promote ISID through various activities such as investment and technology promotion programmes, conferences, and seminars. This report features some highlights, including Director General Li Yong's visit to Japan and other major events such as UNIDO's participation at the Sixth Tokyo International Conference on African Development (TICAD VI), held in Nairobi, Kenya.

Regarding our major activities in 2016, the delegate programme, our flagship activity to accelerate investment and technology promotion from Japan, invited 11 investment/technology promotion delegates to visit Japan from recipient countries in order to attract foreign direct investment and technology transfer from Japan. Seminars and workshops held throughout the year attracted more than 6,000 people. Our Africa advisory programme continued to be active, with our investment promotion advisors in Algeria, Ethiopia, and Mozambique providing support to more than 20 Japanese companies. In addition, the coverage was expanded in 2016 to additional East African countries such as Burundi, Rwanda, and Uganda through our Ethiopian advisor. Our environmental technology database was also expanded from 34 companies to 41.



With the backdrop of the 50th anniversary of UNIDO's establishment, and the 35th anniversary of our office's founding, we would like to thank our valuable counterparts, supporters, and beneficiaries in both developing and emerging countries and in Japan for giving us continued support and cooperation throughout the years. We look forward to working together in the coming years and sharing opportunities in developing and emerging countries with all.

We hope that this annual report and our website will be useful for your activities and invite you to contact us with your inquiries. Thank you.

## Mission

**Our mission is to help developing and emerging countries in their efforts to achieve inclusive and sustainable industrial development by promoting foreign direct investment (FDI) and technology transfer from Japan through various activities.**

The office was established in March 1981 under an agreement concluded between UNIDO and the Government of Japan and is one of eight ITPO offices worldwide. The

geographical coverage of the office extends to the whole developing world and has recently increased focus on Africa and less developed countries on other continents. Sector-wise, the coverage is also wide, including manufacturing industries, agro-based industries, environment and energy related industries, and the promotion of small and medium sized enterprises (SMEs).

## At a Glance



Establishment: 1981  
Head: Hiroshi Kuniyoshi  
Number of Staff: 17  
Address: UNU HQs Bldg. 8F, 5-53-70, Jingumae, Shibuya-Ku, Tokyo 150-0001, Japan  
Tel: +81-3-6433-5520  
Fax: +81-3-6433-5530

## Activities & Results

### Delegate Programme

Invitation of investment and/or technology promotion delegates (mainly officials from government or semi-government institutions) for a short-term stay (average 2 weeks) in Japan in order to promote the delegate's country, and specific sectors and projects to attract foreign direct investment (FDI) and technology transfer from Japan.

### Capacity Building

Organization of capacity building activities such as lectures, factory visits and fact-finding meetings for various delegations from developing countries, and also for staff of embassies in Japan. The aim of these activities is to enable participants to learn about networking, technologies and business promotion opportunities in Japan.

### Technology Transfer

Promotion of selected sound, productive and environmentally friendly technologies and know-how of Japanese companies seeking partners overseas, in order to assist sustainable development efforts worldwide.



### Seminars & Events

Organization or support of various regional, country specific and/or thematic forums, seminars and workshops, usually in cooperation with other stakeholders in Japan. These events often feature our delegates, but also high level government representatives during official or working visits to Japan.

### Activities Overseas

Fielding of business and technical expert missions to recipient countries often in coordination with partner institutions in Japan and overseas. Through such missions, Japanese businesspeople have a chance to meet with government leaders and business partners overseas, and also to promote Japanese technologies.

## 2016 Results by Region

Region	Delegates	Business meetings by delegates with Japanese companies	Promotion and training seminars	Study tours / Incoming missions
Africa	2	43	22	2
Asia	7	150	6	1
Latin America	2	49	3	1
Europe/CIS	0	0	2	0
MENA Region	0	0	2	0
<b>TOTAL</b>	<b>11</b>	<b>242</b>	<b>35</b>	<b>4</b>

Delegate Programme

Technology Transfer

Seminars & Events

Capacity Building

Activities Overseas

# DELEGATE PROGRAMME



## ABSTRACT

UNIDO ITPO Tokyo promotes investment and technology from Japan to developing and emerging countries, by inviting officials from these countries to Japan and organizing tailor-made programmes, including promotion events and business meetings in Japan.

## Results

**11 Delegates; 242 Business Meetings; 6 Seminars with 468 Participants**

## What is the Delegate Programme?

Investment or technology promotion delegates are invited for a short-term stay (average 2 weeks) in Japan, to promote the delegate's country as a possible destination for Japanese investments or technology transfer. Promotional activities include country presentation seminars and business meetings, where projects from the delegate's country are presented.

### Support by UNIDO ITPO Tokyo

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

### Application

Government, semi-government, or non-government organizations may nominate candidates with the following qualifications. The details of the programme are decided and agreed based on the negotiation between UNIDO ITPO Tokyo and the delegate's organization:

- Age between 30-45 with management experience
- Perfect command of spoken/written English
- Strong negotiation and presentation skills
- Ample knowledge of local industry
- Report writing and computer skills

### Financial Conditions

UNIDO ITPO Tokyo covers most of the costs, except for the delegate's round-trip airfare, which is the minimum contribution required from the delegate's organization.



## Cuba

29 February – 11 March

### *Mirtha Rippes Aller*

Coordinator, Foreign Investment Promotion Group of the Chamber of Commerce of the Republic of Cuba

Mirtha Rippes Aller introduced the investment climate of Cuba to the Japanese business community through 22 individual meetings with Japanese companies as well as relevant business organizations. She also introduced the investment opportunities at "Seminar on Investment Opportunities in Cuba" held in Yokohama.



## India

12 – 19 June

### **Sanjay Parikh**

Director of Parikh Industries, Ltd. and member of the Indo-Japan Chamber of Commerce & Industry

Sanjay Parikh participated in “Smart Community Japan 2016” and met with 16 Japanese private firms interested in launching or expanding their businesses in India, as well as with related organizations. As a result of his meetings, several companies working in energy efficiency visited Chennai during the year, and a mission from Chennai also visited Japan.



## Kenya

15 – 28 June

### **Heather Munyao**

Investment Promotion Officer  
Kenya Investment Authority (KenInvest)

Heather Munyao met with 20 Japanese companies and associations that are willing to expand their businesses in Kenya, and discussed their needs and issues individually. She also gave a presentation on the investment climate and opportunities in Kenya at “Kenya Business Seminar” in Osaka.



## Colombia

27 June – 8 July

### **Paola Garcia**

Foreign Investment Manager  
PROCOLOMBIA

Paola Garcia met with 27 Japanese companies individually in Tokyo, Nagoya, Osaka, and Kyoto where she promoted business opportunities in Colombia. She also introduced specific investment projects at the “Colombia Investment Seminar” held in Tokyo with 105 participants.



## Lao PDR

14 – 19 November

### **Phanomkone Dararassamy**

Deputy Chief Executive Director  
Savan-SENO Special Economic Zone Authority (SEZA)

Phanomkone Dararassamy provided individual consultations to 13 Japanese companies interested in developing businesses in the Savan-SENO Special Economic Zone and Lao PDR. He also made a presentation on investment opportunities in the Savan-SENO Special Economic Zone at a seminar titled “Dialogue with Lao MPI Minister: Economy and Investment Environment of Lao PDR” in Fukuoka.



## Rwanda

24 November – 2 December

### **Robert Ford Nkusi**

Vice President  
Rwanda ICT Chamber

Robert Ford Nkusi met with 23 Japanese companies and institutes in Tokyo, Kobe, and Osaka who see a promising future in ICT businesses with Rwanda. He provided local information and business opportunities tailored to each company’s needs. His experience, including the successful coordination of the Japan-Kobe business promotion, helped to attract an audience at the Kobe IT Festival 2016.

# DELEGATE PROGRAMME

## Waste Management Experts / Five countries

23 – 30 October

### UNIDO Booth and Waste Management Seminar at Smart Engineering 2016

UNIDO ITPO Tokyo invited technology delegates from five countries in the area of waste management to Japan for “Smart Engineering 2016,” held at Tokyo Big Sight on 26-28 October. The experts gave presentations for the seminar on 27 October entitled “Waste Management in Asia: Current

Status and Business Opportunities in Indonesia, Iran, Mongolia, Myanmar and the Philippines.”

At the UNIDO booth, they met a total of 121 Japanese companies and introduced the current situation along with ongoing and planned projects in detail.



#### Indonesia

##### *Nasuka*

Head of Research & Development  
Center of Industrial Pollution Prevention  
Technology, Ministry of Industry



#### Iran

##### *Ehsan Khayambashi*

UNIDO SPX Project Coordinator



#### Mongolia

##### *Delgerbayar Badam*

UNIDO Project Manager  
UNIDO Regional Project on  
Demonstration of BAT/BEP



#### Myanmar

##### *Aung Myint Maw*

Assistant Chief Engineer  
Pollution Control and Cleansing Dept.,  
Yangon City Development Committee



#### Philippines

##### *Ferdinand Pareja*

Department Head  
Waste Management Office, General  
Santos City



Site visit to the Tokyo Super Eco Town



UNIDO Booth



UNIDO Seminar





# TECHNOLOGY TRANSFER



## ABSTRACT

UNIDO ITPO Tokyo promotes selected sound, productive and environmental friendly technologies and know-how of Japanese companies seeking partners overseas, in order to assist inclusive and sustainable development efforts worldwide.

## Results

Environmental Technology Database 41 Companies; 49 Technologies

## Environmental Technology Database

UNIDO ITPO Tokyo's Environmental Technology Database provides networking and business opportunities between enterprises in developing and emerging countries and Japanese companies that have leading environmental technologies.

The database is available online for any enterprises and individuals to access data on Japanese technologies. As of December 2016, 41 Japanese companies have registered 49 technologies in the database.



[http://www.unido.or.jp/en/activities/technology\\_transfer/](http://www.unido.or.jp/en/activities/technology_transfer/)

## Category List

All technologies listed in the database are classified into 3 categories and 21 subcategories as listed below;

### Low carbon and energy conservation

Technologies to reduce CO2 emission or improve energy efficiency in industries and households.

- Agriculture, fishing and forestry
- Industry
- Buildings and households
- Energy efficiency
- Renewable energy
- Cogeneration

### Prevention and destruction of pollution

Technologies to prevent and remove pollution of environment such as air, water or soil.

- Ozone-depletion substances (ODS)
- Air pollution
- Industrial waste
- Sewage
- Land water
- Ocean
- Soil and underground water
- Urban and living environment

### Waste treatment and management

Technologies that contribute to waste treatment or waste management, including 3Rs (reduce, reuse, recycle).

- Recycling of plastics
- Recycling of glass
- ELV (end-of-life vehicles)
- Production process
- Municipal solid waste
- Industrial waste
- Medical waste

# TECHNOLOGY TRANSFER

Environmental  
Technology  
Database

New Technologies  
Registered in  
**2016**

## KYOCERA Corporation **Solar Hybrid System**

The Solar Hybrid System can integrate photovoltaic solar panels with diesel generators or other renewable energy sources. The key technologies are the reliable and durable photovoltaic modules and the electrical control of the hybrid system.



## Shinko Tecnos Co., Ltd. **Hydrothermal Treatment Technology**

This technology causes hydrolytic reactions in the injected material with high temperature and high pressure steam (max 230 °C/3 mph) inside a reactor. Germ-free outputs generated after 30 minutes of treatment can be used as solid fuel, solid fertilizer, and liquid fertilizer or livestock feed.



## NASC SOKEN, Co., Ltd.

### **Photocatalytic Nano-Coating Technology**

The nano-coating technology called "MEDICOAT" provides round-the-clock antimicrobial coverage without the need for daily maintenance and provides a preventive solution for combating Hospital Acquired Infections (HAI) and the transmission of communicable diseases in public areas.



## Tromso Co., Ltd.

### **Rice Husk Briquette Machine**

The machine can produce useful fuel by using often underutilized rice husks, grinding and compressing the rice husks with heat-producing solid briquette fuels without using any binders or adhesives. The rice husk briquettes can be used as substitutes for firewood or charcoal.



## OSMO Co., Ltd.

### **Distributed Simple Water Purification Plant System**

This system can purify raw water into safe drinking water using a low-pressure high-polymer membrane that can remove arsenic, viruses, general bacteria, ions, heavy metals, and other harmful substances. It can provide 3m<sup>3</sup>- 48m<sup>3</sup> of safe drinking water per hour and the installation and maintenance is easy.



## Nabell Corporation

### **Portable Solar Power Charge and Storage System**

The nanoGrid is a portable solar power system that consists of foldable solar panels and a storage system. It can generate and store electric power from sunlight and/or an AC power supply and charge electric devices such as PCs, LED lights, and mobile phones anywhere, anytime.



## EiShin Co., Ltd.

### **Filtering Technology for Combustion Efficiency and Reducing Air Pollution**

EiShin Co., Ltd. provides filtering technology for combustion efficiency and reducing air pollution. The eco-SPRAY is applied to car air filters every 5,000 km to reduce harmful emissions and increase gas mileage, typically from 8-40%, while decreasing air pollution.



## Sumitomo Electric Industries, Ltd.

### **Concentrator Photovoltaic**

This power generation system is suitable for areas with high solar radiation (DNI > 6.5) and high temperatures. Sumitomo CPV uses optical lenses to concentrate sunlight hundreds of times onto high efficiency semiconductor cells and converts sunlight into electricity twice as efficiently as conventional silicon PV systems.



## Sumitomo Electric Industries Ltd.

### **Vanadium Flow Battery System**

The vanadium flow battery (redox flow battery) is a large-scale energy storage system that absorbs and stabilizes the fluctuations of outputs caused by renewable energy sources. The vanadium flow batteries have a very long lifecycle without safety risks, which would be suitable for a large-scale system.



## HINODE SANGYO Co., Ltd.

### **Hinode Microbubble Generator**

The Dispersed-Microbes Process is a cutting-edge replacement for the Activated Sludge Process. It intrinsically prevents sludge bulking and activates aerobic microorganisms, which ensures the smooth processing of highly concentrated wastewater and remarkably improves the efficiency of wastewater treatment systems.



## STELLA ENVIRONMENT CORPORATION

### **Radiation Gas-Burning Small-Type Medical Waste Incinerator**

This small-type incinerator with a chimney-top structure has a low concentration of dioxin emissions that complies with Japanese (Dioxin) Emission Standards. Its advantages include easy waste depositing, high operational safety, low fuel consumption, and ability to be used with gas oil, biomass fuel, and solar electricity.

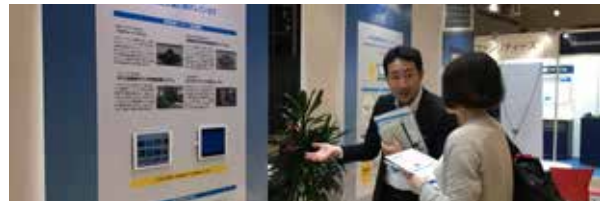


## Smart Community Japan 2016

Participated in the exhibition, “Smart Community Japan 2016,” organized by Nikkan Kogyo Shimibun Ltd., from 15 to 17 June at Tokyo Big Sight to promote the Environmental Technology Database, to Japanese technology companies.

## Promotional Support

Production of videos that visualize the features of registered technologies aiming to support technology promotion to developing countries. Six videos were completed and released on the website in 2016.



## Low Carbon Low Emission Clean Energy Technology Transfer (LCET) Programme

**UNIDO and the Ministry of Economy, Trade, and Industry (METI) of Japan have been jointly implementing the LCET programme as a collaborative global initiative, with the main objective of promoting rapid deployment and dissemination of innovative low-carbon technologies, products, services, and systems since 2013.**



The programme has been developing and implementing demonstration projects of renewable energy and energy efficiency technologies in Africa. Sustainable technology transfer is achieved through demonstration projects, capacity building, and knowledge management activities. The low-carbon projects implemented under the LCET programme typically integrate several components such as technology demonstration, productive use application (for job creation and productive activities), capacity building and business model development, knowledge management, and advocacy in policy interventions for scaling up of innovative energy solutions.



Under the LCET programme, projects deploying micro-hydropower as well as photovoltaic systems have been implemented in Ethiopia and Kenya. UNIDO ITPO Tokyo is supporting the LCET programme for the identification of Japanese low-carbon technologies that are transferrable to developing countries. The technologies for pilot projects are carefully selected according to key factors including uniqueness, market acceptance, and socio-economic impacts.

### Demonstration Projects

#### Technology Demonstration:

- Three installation sites selected (two in Mwea, Kenya and one in Fentale, Ethiopia) with sufficient head drops (> 0.5m < 3.0m) and 10 kW ULH-MHP systems at each site installed
- Compact structure with generic parts, min. civil works, environmentally friendly – eliminating major costs of installation
- Easy to install, operate, and maintain
- High operation hours – ideal for decentralized power generation
- Tapping into previously overlooked ultra-low head energy potential

#### Capacity Building:

- Conducted multifaceted capacity building training workshops that sought to raise local awareness (more than 300 locals reached), elevate technical skills and know-how, and develop business opportunities
- Three international trainings on LCET and ULH-MHP awareness conducted in Japan
- Partner: Overseas Human Resources and Industry Development Association, HIDA (Japan)
- Total of 43 energy leaders and energy experts from Kenya and Ethiopia participated
- Over 10 local awareness raising workshops organized in Kenya and Ethiopia

### Japan contributes JPY 300 million to further strengthen UNIDO’s low carbon technology transfer programme for Africa



The Government of Japan expanded its contribution to the LCET programme. Through the agreement signed in Vienna on 27 January, the programme aims to promote the rapid deployment and dissemination of new low carbon technologies across the world. The second replenishment of JPY 300 million (around USD 2.5 million) will help further strengthen activities in Ethiopia and Kenya.

# SEMINARS AND EVENTS



TICAD VI Follow-Up Seminar

## ABSTRACT

UNIDO ITPO Tokyo organizes and supports seminars, workshops & forums and participates in various exhibitions and events, to promote UNIDO's activities and developing and emerging countries in Japan. For a detailed list, please see page 22-23 (Appendix).

## Results

35 Seminars; 4,567 Participants

2 Exhibitions; 1,450 Participants

## Africa related seminars

### Pre-Event for TICAD VI: Public Symposium

The pre-event for TICAD VI: Public Symposium “Toward TICAD VI – Structural Economic Transformation through Economic Diversification and Industrialization in Africa” was co-organized with JICA and NEPAD on 30 June at the United Nations University in Tokyo.

More than 200 participants joined the symposium, ranging from the private sector to governmental organizations, which led to enthusiastic discussion on what “Structural Economic Transformation” in Africa exactly means and how each can contribute to its achievement.

### TICAD VI Follow-Up Seminar

TICAD VI Follow-up seminar “Business Prospects in Africa and Support Schemes” was held in Tokyo on 16 November. The Seminar was jointly organized by African Development Bank (AfDB), African Diplomatic Corps (ADC), and UNIDO ITPO Tokyo.

TICAD VI, the first to be held outside of Japan, took place in Nairobi in August. The occasion has successfully built momentum toward further industrialization in Africa; now it is time to reflect on the outcomes of TICAD VI in the business world and achieve a win-win relationship between Japan and Africa.

TICAD VI >> see page 16



## Investment seminars

### Seminar on Investment Opportunities in Cuba

The seminar was organized jointly with Yokohama Industrial Development Corporation, and JETRO Yokohama. The programme included presentations on investment opportunities and the current economic situation of Cuba.



Seminar on Investment Opportunities in Cuba

### SADC-Japan Business Investment Forum

The "SADC-Japan Business Investment Forum" was co-organized with the SADC Secretariat and SADC Embassies in Japan on 9-10 June at the United Nations University in Tokyo.

### Kenya Business Seminar in Osaka

The Kenya Business Seminar was organized in Osaka on 27 June, on the occasion of a visit to Japan by Heather Munyao, Investment Promotion Officer, Kenya Investment Authority (KenInvest). Nearly 80 participants from the private sector around the Osaka area attended the seminar and showed interest in doing business in Kenya.



Kenya Business Seminar

### Colombia Investment Seminar

The Colombia Investment Seminar was organized in Tokyo on 7 July in cooperation with PROCOLOMBIA. The seminar introduced specific investment projects in Colombia and was attended by 105 participants.



Colombia Investment Seminar

### Turkey/European Free Zone Seminar in Tokyo

The "Turkish Investment Seminar – Investment Opportunities in the European Free Zone and Turkey" was organized in Tokyo on 6 September, in cooperation with the Turkish Embassy in Japan, Commercial Section. The event was attended by 80 participants.

## Others

### GMIS

The Global Manufacturing and Industrialization Summit (GMIS) Roadshow was held in Tokyo on 2 November. The event was jointly held by GMIS Secretariat and UNIDO, and supported by METI, the UAE Embassy in Tokyo, and JCCME. The event was a pre-cursor to the main summit expected to take place in March 2017 in Abu Dhabi.



GMIS Roadshow in Tokyo

# CAPACITY BUILDING



## ABSTRACT

UNIDO ITPO Tokyo organizes capacity building activities such as lectures, visits to factories and exhibitions, and fact-finding meetings for various delegations from developing countries as well as embassy officials in Japan.

## Results

5 Embassy Programmes; 114 Participated

4 Incoming Missions; 33 Members/visitors

## Incoming Missions

### Networking with the Indo-Japan Chamber of Commerce and Industry

A business networking session between India and Japan was co-organized in cooperation with the Japan Management Association and the Indo-Japan Chamber of Commerce and Industry (IJCCI), at UNU HQs building on 26 September. Eighteen private companies from the Chennai region met with 40 Japanese businesspersons representing 34 Japanese companies and actively discussed opportunities for collaboration.

### Honduras PPP Promotion Agency (COALIANZA)

Miguel Servellon, Project Manager, and Miguel Angel Gamez Tosta, Vice Technical Director, of COALIANZA visited on 31 May together with the representatives of the Embassy of Honduras in Tokyo, to discuss cooperation for investment promotion activities targeting Honduras.

### UNIDO ITPO Nigeria

Adebisi Olumodimu, Head, accompanied by Sayaphol Sackda of UNIDO HQs visited on 14-17 September to survey the experience of ITPO Tokyo in promoting investment from Japan and to discuss cooperation for Nigeria.

### Ministry of Foreign Affairs and International Cooperation of Malawi

Dalitso Singano Kabambe, Principal Secretary of the ministry, and accompanying officials, including those from the Embassy of Malawi and MOFA Japan, visited on 14 December to discuss possibilities for investment promotion and industrial development in the country.



Indo-Japan Chamber of Commerce and Industry

## Embassy Programmes

These programmes are organized to provide diplomats stationed in Japan with exposure to Japanese technologies that can be applicable to developing and emerging nations, thereby contributing to policy planning on sustainable industrial development as well as to environment management.

### Kawasaki International Eco-Tech Fair 2016

A half-day visit for embassy officials from developing and emerging countries to the Kawasaki International Eco-Tech Fair 2016 exhibition was jointly organized with Kawasaki City on 19 February. 23 diplomats from 18 countries participated to have a good opportunity for networking with technology companies and the mayor of the city.

### Smart Community Japan 2016

A half-day visit for embassy officials to the “Smart Community Japan 2016” exhibition held at Tokyo Big Sight on 15 June was organized in cooperation with the Nikkan Kogyo Shimbun. In total, 27 diplomats from 12 embassies participated in the programme.

### Company and Factory Visit to Mitsubishi Fuso Truck and Bus Corporation at Kawasaki Plant

A plant tour of the Mitsubishi Fuso Truck and Bus Corporation (MFTBC) in Tokyo for a diplomatic delegation from developing countries was organized on 2 December. In total 20 representatives from 17 embassies participated in the programme.

### EcoPro 2016

A guided tour to “EcoPro 2016 - International Exhibition on Environment and Energy” at Tokyo Big Sight was organized on 9 December. The event focused on two themes: “measures for global warming and environmental friendliness” and “clean energy and smart society.” 20 diplomats from 25 embassies participated in the programme.



Delegate Programme

Technology Transfer

Seminars & Events

Capacity Building

Activities Overseas

# ACTIVITIES OVERSEAS



TICAD VI

## ABSTRACT

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

## Results

Africa Advisory Programme; 21 business missions

## TICAD VI — 6th Tokyo International Conference on African Development

TICAD VI was held on 27-28 August in Nairobi, Kenya, the first time the event was held outside of Japan. One of the key themes at TICAD VI was “promoting structural economic transformation through economic diversification and industrialization,” which is in line with UNIDO’s mandate. UNIDO was actively involved in the conference, participating with a delegation headed by Director General LI Yong and organizing side events.

UNIDO HQs organized an official side event a day before the main conference on 26 August at the Kenyatta International Conference Center, together with the African Union Commission and Government of Kenya, with the theme “Enhancing Africa’s structural economic transformation through Agenda 2063 and inclusive and sustainable industrial development: Fostering partnerships between the Government of Kenya, the African Union Commission, UNIDO, and the private sector.” At the seminar, a Memorandum of

Understanding (MOU) for cooperation in the area of trade and investment promotion was signed by UNIDO and the Japan External Trade Organization (JETRO).

UNIDO ITPO Tokyo organized its side event entitled “Technology Enabling Innovation and Industrialization in Africa” in cooperation with the Ministry of Economy, Trade and Industry (METI) of Japan, the Overseas Human Resources and Industry Development Association (HIDA), and the Japan Productivity Center (JPC). The seminar attracted 158 participants from both public and private sectors in Africa and Japan and featured interactive discussions and exchanges on Africa’s industrialization. Government and business representatives from African countries expressed high expectations from Japan in the areas of productivity improvement, human resource development, technology transfer, and investment promotion, which were highlighted in the seminar.

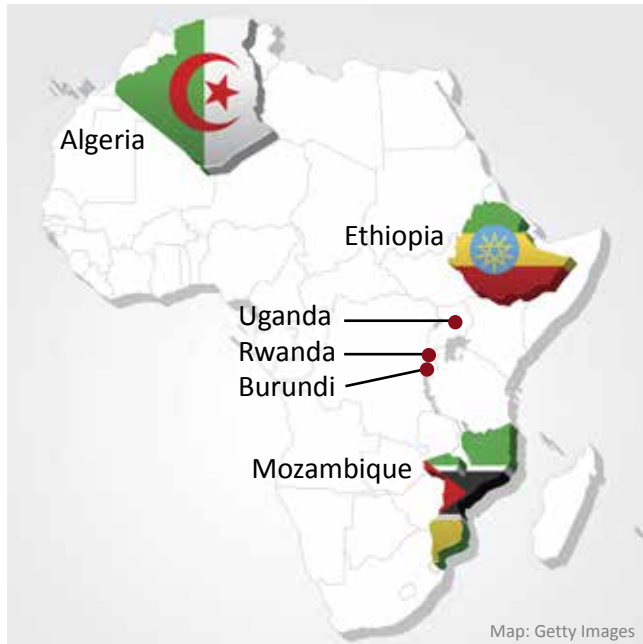




## Africa Advisory Programme

Since 2013, we have been posting experienced African investment promotion advisors to support Japanese companies interested in starting their businesses in the continent. The advisors provide a variety of services required for doing business in Africa, such as consultations to connect with local businesses, arranging meetings with government agencies, matchmaking with local partners, and facilitating site visits to local companies.

Currently, three advisors are assigned in Algeria, Ethiopia, and Mozambique where they provide support to Japanese business people who are already operational, as well as to those who are keen on starting new activities in the countries. Since the end of 2016, the coverage has been expanded to East African countries such as Burundi, Rwanda, and Uganda. Since the start of the programme, these advisors have provided tailor-made assistance to more than 100 Japanese companies; some of them have already succeeded in concluding business agreements with local partners and establishing liaison offices.



### Advisor in Algeria:

#### **Lies Kerrar**

Kerrar played a key role in liaising with existing Japanese companies in the sectors of trade, engineering, and manufacturing. Being a member of an Algerian business association (Forum des Chefs d'Entreprises: FCE), helped the advisor contribute to the establishment of the Japan-Algeria Business Club as a platform to foster business dialogues among Algerian and Japanese private sector representatives.



### Advisor in Ethiopia:

#### **Tadesse Dadi Segni**

Segni facilitated several matchmaking cases between Japanese companies and local partners by coordinating and facilitating the negotiation process in the sectors of garment, health, leather, trade, and waste management. The advisor's coverage was expanded to three neighboring countries (Burundi, Rwanda, and Uganda) and the advisor accompanied the delegate programme from Rwanda to follow up potential businesses mainly in the ICT sector.



### Advisor in Mozambique:

#### **Nandio Durao**

Durao facilitated the matching of interested Japanese companies with local enterprises and provided consultations by closely working with UNIDO's other programmes and Japanese counterparts such as the Japanese Embassy, JICA, and JETRO. As a result of the business missions of Japanese companies in the fishery and aquaculture sectors in 2015, several projects are being followed up and moving forward to the feasibility study stage.

# TESTIMONIALS



UNIDO ITPO Tokyo collaborates with various stakeholders from public and private sector organizations in both developing and emerging countries, and in Japan. We are grateful for the cooperation extended by each and every recipient, participant, sponsor and supporter of our activities. A few selected comments from such stakeholders can be found below.

## Delegate Programme

### Colombia

#### Paola Andrea Garcia Barreneche

Foreign Investment Manager  
PROCOLOMBIA

Having returned to Bogota I wanted to take the time to extend my feelings of gratitude to you and your team in UNIDO. These two weeks in Japan have been very productive and interesting. For sure many opportunities between Japanese companies and Colombia will arise. Please do not hesitate to contact me or ProColombia's team in Tokyo, we will be glad to assist you in anything that you may require.



## Technology Transfer

### Japan

#### Junji Itoh

Managing Director  
Sumitomo Electric Industries, Ltd.

Our company completed the construction of 1 MW concentrator photovoltaic (CPV) power generation plant and started a demonstration project. On this occasion, we have registered our products which are CPV system and vanadium redox flow battery (VFB) system with the environmental technology database in UNIDO's technology transfer promotion program. We will continue to deepen our collaboration with UNIDO for growing our business in the overseas market.



## Seminars and Events

### SADC

#### H.E. Richard Ramoetsi

Dean of the SADC Group of Ambassadors' and Ambassador of Lesotho  
(Until September 2016)

On behalf of the SADC Group of Ambassadors in Tokyo, I write to express our gratitude to UNIDO ITPO Tokyo for collaborating with us as our main sponsor during the SADC-Japan Business Forum that was held on 9 – 10 June 2016. The independent feedback that we have received from all stakeholders is that the Forum was a resounding success. We are confident that the forum has served as a perfect build up to the TICAD Summit that will be held in Nairobi, Kenya on 27-28 August 2016.



## Capacity Building

### Japan

#### Eiyu Hayashi

Manager,  
Event Business Department,  
Nikkan Kogyo Shimbun, Ltd.

The Nikkan Kogyo Shimbun, Ltd. Events Department is grateful for the cooperation extended by UNIDO ITPO Tokyo in guiding 27 diplomats from 12 embassies to visit the Smart Community Japan 2016 exhibition held at Tokyo Big Sight on 15 June 2016. The VIP tour provided our exhibiting Japanese technology companies to mingle and discuss with diplomats in order to promote business opportunities with their countries. We look forward to continuing our cooperation in the future.



## Activities Overseas

### Kenya

#### H.E. S. K. Maina

Ambassador of the Republic of Kenya

I have the honour to refer to the successful conclusion of the TICAD VI Summit held in Nairobi, Kenya; from 27th – 28th August, 2016. I further wish to convey my sincerest gratitude to you, and, through you to the United Nations Industrial Development Organization Investment and Technology Promotion Office, Tokyo (UNIDO-ITPO) Team for the overwhelming support you extended to the Embassy, and, the Government of Kenya towards the convening and success of the Summit.



# APPENDIX

## Delegate Programme

	Country	Date	Name	Title	Organization
1	Cuba	29 February – 11 March	Mirtha Rippes Aller	Coordinator	Foreign Investment Promotion Group of the Chamber of Commerce of the Republic of Cuba
2	India	12 – 19 June	Sanjay Parikh	Director of Parikh Industries, Ltd. and member of the Indo-Japan Chamber of Commerce & Industry	
3	Kenya	15 – 28 June	Heather Munyao	Investment Promotion Officer	Kenya Investment Authority (KenInvest)
4	Colombia	27 June – 8 July	Paola Garcia	Foreign Investment Manager	PROCOLOMBIA
5	Lao PDR	14 – 19 November	Phanomkone Dararassamy	Deputy Chief Executive Director	Savan-SENO Special Economic Zone Authority (SEZA)
6	Rwanda	24 November – 2 December	Robert Ford Nkusi	Vice President	Rwanda ICT Chamber
7	Indonesia	23 – 30 October	Nasuka	Head of Research & Development	Center of Industrial Pollution Prevention Technology, Ministry of Industry
8	Iran	23 – 30 October	Ehsan Khayambashi	UNIDO SPX Project Coordinator	
9	Mongolia	23 – 30 October	Delgerbayar Badam	UNIDO Project Manager	UNIDO Regional Project on Demonstration of BAT/BEP
10	Myanmar	23 – 30 October	Aung Myint Maw	Assistant Chief Engineer	Pollution Control and Cleansing Department, Yangon City Development Committee
11	Philippines	23 – 30 October	Ferdinand Pareja	Department Head	Waste Management Office, General Santos City

# APPENDIX

## Technology Transfer

### Environmental Technology Database

	Company	Technology	Low carbon and energy conservation	Prevention and destruction of pollution	Waste treatment and management
1	BGCT JAPAN K.K.	Solid Recovered Fuel 'Green Coal' - RPPWF™	X		X
2	Biomaterial in Tokyo Co., Ltd. (bits)	Ethanol Production through Yeast Fermentation	X		
3	Donico Inter Co., Ltd.	Micro-Sizer: Glass Cullet Production Equipment			X
		Efficient Glass Interlayer Separation Equipment			X
4	EcoCycle Corporation	EcoClean and GreenClean Series for Bioremediation		X	
5	EiShin Co., Ltd.	Filtering Technology for Combustion Efficiency and Reducing Air Pollution	X	X	
6	FUMIN Co., Ltd.	Coating for Ultraviolet and Infrared Ray Shielding	X		
7	GS Yuasa International Ltd.	Solar Street Light	X		
		AKARi Solar Lighting System	X		
8	HINODE SANGYO Co., Ltd.	Elbic Series Solutions for Wastewater Treatment		X	
		Hinode Microbubble Generator (HMB)		X	
9	Hitachi Metals, Ltd.	Amorphous Energy Efficiency Distribution Transformer	X		
10	Japan Electric Power Co., Ltd. (JEPCO)	Floating Solar Power Generation System	X		
11	JICUW Co., Ltd.	Enhancement of Harvests by Activating Water Molecules	X	X	
12	KAWATOKU CO., LTD.	Remove Heavy Metals in Drinking Water		X	
13	KINSEI SANGYO CO., Ltd.	Waste Incinerator of Gasification System	X	X	X
14	Kokusaikan Corporation Japan	Nanotechnology & Industrial Coatings for Various Functions & Applications	X	X	
15	KOMAIHALTEC Inc.	Mid-Size Wind Turbine "KWT300" (300kW)	X		
16	Kumamoto Seisoshu Co., Ltd.	Bio Plaza: Food Waste Recycling Facility	X		X
17	KYOCERA Corporation	Photovoltaic Module / Solar Hybrid System	X		
18	Microtech Inc.	Drinking Water Quality Analysis Technology		X	
19	Nakayama Iron Works, Ltd.	Pico and Micro Hydropower Systems	X		
20	Nabell Corporation	Portable Solar Power Charge and Storage System	X		
21	NASK SOKEN, Co., Ltd.	Photocatalytic Nano-coating Technology		X	
22	Netafim Japan Co., Ltd.	Simple Drip Irrigation System	X		

## Technology Transfer

### Environmental Technology Database

	Company	Technology	Low carbon and energy conservation	Prevention and destruction of pollution	Waste treatment and management
23	Nihon Genryo Co., Ltd.	Eco-friendly Non-Electric Sand Filtration Device		X	
		Eco-friendly Mobile Sand Filtration Device		X	
		Eco-friendly Sand Filtration Device		X	
24	Nippon Basic Co., Ltd.	Bicycle-powered Water Purifying Equipment		X	
		Desalination of Seawater for Drinking		X	
25	Nippon Biodiesel Fuel Co.,Ltd. (NBF)	Rural Energy Supply with Jatropha	X		X
26	Nomura Kohsan Co., Ltd.	Mercury Waste Recycling Technology			X
27	OSMO Co., Ltd.	Distributed Simple Water Purification Plant System		X	
28	OSTRAND Corporation	C-POWER Plant, SH Dryer (SHD)	X		X
29	Panasonic Corporation	Rechargeable Solar LED Lantern	X		
30	RBC Consultant Co., Ltd.	Water Treatment with Bakture System		X	
31	JAG SEABELL CO., LTD.	Micro Hydropower System (Ultra-low Head)	X		
32	Shinko Tecnos Co., Ltd.	Plastic Changing to Oil Machine (BP-2000N/5000N)	X		X
		Hydrothermal Treatment Technology			X
33	SO-EN CO.,LTD.	Water Treatment with Carbon Fiber		X	
34	STELLA ENVIRONMENT CORPORATION	Radiation Gas-burning Small-type Medical Waste Incinerator			X
35	Sumitomo Electric Industries, Ltd.	Concentrator Photovoltaic (CPV)	X		
		Vanadium Flow Battery System	X		
36	TOTETSU MFG. CO., LTD.	Rainwater Harvesting and Underground Storage	X	X	
37	Tottori Resource Recycling Inc.	Porous System		X	
38	Tromso Co., Ltd.	Rice Husk Briquette Machine	X		
39	VPEC Inc.	Power Router for ECONETWORK	X		
40	Wellthy Corporation	On-site Water Treatment System	X	X	
41	Yamaha Motor Co., Ltd.	Rural Electric Water Sanitary Station	X	X	
Total			29	22	11

# APPENDIX

## Seminars & Events

### Seminars / Workshops

	Name of Seminar / Workshop	Date	City	Participants
1	Seminar on African Economy	25 January	Tokyo	200
2	Seminar on Energy Efficiency and Renewable Energy in Africa	22 February	Tokyo	90
3	ABE Initiative Seminar	22 February	Tokyo	81
4	Cuba Business Roundtable Meeting	1 March	Fukuoka	15
5	Cuba Investment Seminar in Yokohama	9 March	Yokohama	63
6	Neem Association of Japan Seminar	16 March	Tokyo	60
7	African Business Networking Fair 2016	24 March	Tokyo	400
8	Bangladesh Seminar	26 April	Tokyo	100
9	Bangladesh IT Seminar "Enjoying Demographic Dividend to Create Digital Bangladesh"	11 May	Tokyo	70
10	Kenya SME Investment Forum	17 May	Nagoya	170
11	Ghana Investment Forum	20 May	Tokyo	150
12	Hungary Investment Seminar	25 May	Tokyo	70
13	SADC-Japan Investment Forum	9-10 June	Tokyo	400
14	Business Opportunities for Environmental Technology in Developing Countries	16 June	Tokyo	56
15	Kenya Business Seminar	27 June	Osaka	76
16	Pre-event for TICAD VI; Public Symposium "Toward TICAD VI – Structural Economic Transformation through Economic Diversification and Industrialization in Africa–"	30 June	Tokyo	204
17	Africa Business Investment Seminar	30 June	Osaka	77
18	Africa Business Investment Seminar	1 July	Tokyo	108
19	Colombia Investment Seminar	7 July	Tokyo	105
20	Africa Seminar	16 July	Tokyo	170
21	TICAD VI Official Side Event "Enhancing Africa's structural economic transformation through Agenda 2063 and inclusive and sustainable industrial development: fostering partnerships between the Government of Kenya, the African Union Commission, UNIDO and the private sector"	26 August	Nairobi	150
22	TICAD VI Side Event "Technology Enabling Innovation and Industrialization in Africa"	27 August	Nairobi	155
23	Turkish Investment Seminar "Investment Opportunities in European Free Zone and Turkey"	6 September	Tokyo	85
24	ABE Initiative Networking	7-14 September	Tokyo	120
25	Networking Meeting with IJCCI	26 September	Tokyo	60
26	Business environment and Japanese Organized Industrial Zones in south India	27 September	Tokyo	80
27	Ethiopian Business and Investment Seminar	5 October	Osaka	109
28	Post-TICAD VI Seminar: Implementing the outcomes of TICAD VI	11 October	Tokyo	75
29	2nd Africa Business Seminar "African Dream in Kansai!"	17 October	Kobe	300
30	Seminar on "Ethiopian Business and Investment Opportunities"	22 October	Sayama	30

## Seminars / Workshops

	Name of Seminar / Workshop	Date	City	Participants
31	Jordan-Japan Business Forum	27 October	Tokyo	100
32	Seminar on Waste Management in Asia - Current Status and Business Opportunities in Indonesia, Iran, Mongolia, Myanmar and the Philippines -	27 October	Tokyo	200
33	GMIS Global Roadshow	2 November	Tokyo	90
34	TICAD VI Follow-up Seminar: Business Prospects in Africa and Support Schemes	16 November	Tokyo	(venue) 310 (streaming) 29
35	Rwanda ICT Roundtable	2 December	Tokyo	9
Total				4,567

## Exhibitions

	Name of Exhibition	Date	City	Booth Visitors
1	Smart Community Japan 2016	15-17 June	Tokyo	650
2	Smart Engineering Tokyo 2016	26-28 October	Tokyo	800
Total				1,450

## Capacity Building

### Embassy Programmes

	Name of Embassy Programme	Date	Venue	Participants	Countries
1	Kawasaki International Eco-Tech Fair 2016	19 February	Kawasaki	23	18
2	African Embassy Tour to Mfg. Incubation Center "DMM. make AKIBA"	26 April	Tokyo	19	15
3	Smart Community Japan 2016	15 June	Tokyo	27	10
4	Company and Factory Visit to Mitsubishi Fuso Truck and Bus Corporation at Kawasaki Plant	2 December	Kawasaki	20	17
5	Eco-Products 2016	9 December	Tokyo	25	20
Total				114	80

### Study Tours / Incoming Missions

	Name of Study Tour / Incoming Mission	Date	Participants	Countries
1	Honduras PPP Promotion Agency (COALIANZA)	31 May	4	Honduras
2	UNIDO ITPO Nigeria	14-17 September	2	Nigeria
3	The Indo-Japan Chamber of Commerce and Industry	26 September	22	India
4	Ministry of Foreign Affairs and International Cooperation of Malawi	14 December	5	Malawi
Total			33	4



UNITED NATIONS  
INDUSTRIAL DEVELOPMENT ORGANIZATION

**Investment and Technology Promotion Office (ITPO), Tokyo**

UNU HQs Bldg. 8F, 5-53-70, Jingumae, Shibuya-Ku, Tokyo 150-0001, Japan  
Tel: +81-3-6433-5520 Fax: +81-3-6433-5530  
[www.unido.or.jp](http://www.unido.or.jp)