



UNITED NATIONS  
INDUSTRIAL DEVELOPMENT ORGANIZATION

UNIDO ITPO Tokyo's  
**STePP**  
Sustainable Technology Promotion Platform

**ITPO**  
INVESTMENT AND TECHNOLOGY  
PROMOTION OFFICE  
TOKYO, JAPAN

SUSTAINABLE  
DEVELOPMENT  
**GOALS**



# UNIDO's STePP Demonstration Project

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24 March 2022

# UNIDO ITPO Tokyo

## About

The mission of UNIDO's Investment and Technology Promotion Office, Tokyo (UNIDO ITPO Tokyo) is to help developing and emerging countries in their efforts to achieve **inclusive and sustainable industrial development (ISID)** by promoting **foreign direct investment (FDI)** and **technology transfer** from Japan through various activities.

## Activities



# Sustainable Technology Promotion Platform (STePP)

An **online platform** that shares information on **Japanese technologies** that contribute to sustainable industrialization, in order to promote the transfer of such technologies to developing and emerging countries. Registration is made based on **technological** and **managerial** point of view.

**130** technologies from **112** companies (as of March 2022)

## Fields



Energy technologies



Agribusiness technologies



Environment technologies



**Human health** technologies



Disaster management technologies





# Evaluation process for “STePP”

## ■ Evaluation by experts’ committee through 5 Main Criteria (technology)

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

■ For more information ... Please visit ITPO Tokyo’s homepage.

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

# STePP Demonstration Project

## Objective

To support developing and emerging countries to improve health, sanitary and hygiene environment to **fight against COVID-19** and other infectious diseases through **technology demonstration and transfer** from Japan.

## Donor

Government of Japan

## Target Countries





















**10** countries in Asia and Africa

Kenya, Senegal, Nigeria, Uganda, Morocco, Madagascar, Mongolia, Nepal, Indonesia, Vietnam

## Project Period

June 2020 – March 2022



Categories	#	Technologies	Companies	Countries
 <p>Disinfection</p>	1	Alcohol-Based Hand Sanitizer	SARAYA CO., LTD.	 Uganda
	2	Hypochlorous Acid Water Generator	AGC INC.	 Vietnam
	3	Hypochlorous Acid Disinfectant	SOLAR WIND TECHNOLOGY INC.	 Indonesia
	4	Hypochlorous Acid Water Generator	TERIOS-TEC CO., LTD.	 Senegal
 <p>Incinerator</p>	5	Incinerator for Medical Waste	KINSEI SANGYO CO., LTD.	 Kenya
	6	Incinerator for Medical Waste	CHUWA INDUSTRIAL CO., LTD.	 Madagascar  Senegal
 <p>Photocatalytic Coating</p>	7	Photocatalytic Coating with Antibacterial Effect	MARUSYO SANGYO CO., LTD.	 India
				 Kenya
				 Mongolia
 <p>Inspection Facility</p>	8	Blood Gas Analyzer	TECHNO MEDICA CO., LTD.	 Nigeria
	9	Mobile Inspection System	TSP TAIYO Inc.	 Kenya
 <p>Water Treatment</p>	10	Water Purifying System	TROMSO CO., LTD.	 Vietnam
	11	Water Regeneration System	JTOP Co., Ltd.	 India
	12	Wastewater Treatment System	HINODE SANGYO CO., LTD.	 Morocco

## “STePP-demo projects” in Africa



**Senegal**  
Installation of incinerator



**Kenya**  
Installing and assembling an  
incinerator for medical wastes at the  
local site



**Uganda**  
Workshop of the hand-hygiene instructions and  
sanitation practices for individuals working in food  
industry



**Madagascar**  
Final workshop (Demonstration for the  
minister of Health and the Japanese  
ambassador)



**Kenya**  
Training at the mobile PCR testing laboratory



**Nigeria**  
Training for how to handle the medical  
equipment

## Challenges in implementing the projects

1) **“Remote” technology transfer** under COVID-19 pandemic  
(No overseas travel allowed, ICT devices work extremely efficiently.)

2) Unforeseeable changes in ocean logistics

3) Finding reliable local partners

4) Tight project schedule (budget restriction)





## **【Ref】 Schedule of the STePP-demo project**

**Apr. 7, 2020 : Budget approved by GoJ**

**(Apr. 8-May 10 : designing implementation schemes)**

**May 11 : Announcement and call for proposals to STePP-demo companies**

**(May 15 : Online explanation session)**

**June 12 : Deadline for proposals**

**(June 13-July 9 : Evaluation of proposals)**

**July 10, July 17 : Adoption notices to selected proposals**

**July - Nov. : Coordination of project details and contractual process**

**Nov. 2020 - Mar. 2022 : Project implementation**



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## Gratitude

Sincere appreciation to our counterparts and partners for supporting us for this project.

- Government of Japan
- Beneficiaries - local counterparts, hospitals, private entities
- Local governments and authorities
- Japanese companies - the technology owners
- Everyone who was involved in this programme





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**THANK YOU!**