



130028

Low carbon and Climate Resilient Industrial Development in Africa (Egypt, Kenya, Senegal and South Africa)

Regional Workshop in Kenya

March 19-21, 2018

Crowne Plaza Nairobi

The United Nations Industrial Development Organization (UNIDO) and Kenya National Cleaner Production Center (KNPC) are organizing a Regional Dissemination Workshop from 19-21 March in Nairobi, Kenya, as part of the project of “*Low Carbon and Climate Resilient Industrial Development in Africa*” implemented in Egypt, Kenya, Senegal and South Africa with the fund from the Government of Japan.

The purpose of the workshop is to share the experience and lessons learned from the project, including the outcome and benefits from adopting technologies to become climate resilient, with the counterparts (NCPCs) and beneficial companies from four countries as well as with government officials and private sectors in Kenya. In addition, representatives from ITPO Tokyo office and JETRO Nairobi office will introduce their activities how they can help to connect business between Japan and Africa, and Japanese technology suppliers will share the information of their technologies during the workshop. The program includes a visit to a factory in Nairobi to discuss engineering issues for the implementation.

For more details, please see the Program.

About the project:

The United Nations Industrial Development Organization (UNIDO) implements a regional project on low carbon and climate resilient industrial development in a cross section of African countries. Government of Japan provided UNIDO with funding to support African countries to accelerate their low carbon and climate resilient development. As identified in Yokohama Declaration 2013 at TICAD V, responding to climate change is ‘one of the core the development challenges’ for African countries. The strategy outlines priority actions for each country’s key sectors, which, among others, include energy, agriculture, and water management.

The aim of the project is to create awareness and to demonstrate the opportunities and benefits of low carbon and climate resilient development in the manufacturing and related productive sectors in a cross section of African countries through application of Green Industry (GI) policy instrument and Resource Efficient and Cleaner Production (RECP) practices and techniques.

Partnering with National Cleaner Production Centers (NCPCs) in each country and ITPO Tokyo office, UNIDO, through this project, is assisting four countries in Africa, Egypt, Kenya, Senegal and South Africa, to develop and implement climate resilient solutions by enabling the transfer, deployment and scaling-up of appropriate technical solutions in the areas of resource efficiency, cleaner production and waste and effluent management.

The project consists of three components as outlined below.



- Government action: Vulnerability of the industry to climate change is assessed and relevant national policies and strategies are reviewed to propose an action plan/ agenda that would assist the implementation and operationalization of the existing policies;
- GI Policy Pilots: Technical assessments are conducted at selected enterprises to explore the needs and opportunities for low carbon and climate resilient industrial development in selected industries in each country; and
- Partnership: Demonstration projects are prepared and information dissemination events are held to promote application of GI to achieve low carbon and climate resilient industrial development. Such projects and events are also intended to foster partnership at government and business levels by raising awareness and exchanging of information. Especially, as a follow-up of Yokohama Declaration 2013, it is encourage to establish Japan-Africa business partnership through the project activities.

After the series of the assessments such as the climate vulnerability assessment on industry and value chains, the technical assessments, and the technology assessments, through workshops and consultation meetings, the beneficial companies in each country were selected and the technologies are determined to demonstrate as below. Some of the countries completed the procurement process and some Japanese suppliers were selected.

Country	Candidate factories	technology (provider)
Egypt	Frozena (Potato frites)	Refrigeration system
	Blueskies (Fruits processing)	PV panels
Kenya	KTDA Kiamokama Tea Factory	Efficient air blower with module (Taiyo Electric)
Senegal	3 Milling/ 1 Fruits processing	Energy efficient dryers
South Africa	Sir Fruit (Fruit Juice)	Refrigeration system with heat recovery (Mayekawa)

Project Video: <https://youtu.be/0-tIFd0P8VI>

About Project: <https://open.unido.org/projects/M2/projects/130028>

About LCCR: <https://www.unido.org/our-focus/safeguarding-environment/resource-efficient-and-low-carbon-industrial-production/industry-and-adaptation/low-carbon-and-climate-resilient-industrial-development>

Event website: <https://www.unido.org/events/low-carbon-and-climate-resilient-industrial-development-africa-regional-dissemination-workshop>