

**Target Countries :** African Nations

**Course No. :** 201984476-J002

**No. :** 201984476

**Sector :** Water Resources/Urban Water Supply

**Sub-Sector :**

**Language :** English

**Outline**

Due to the increase in urban populations, sustainable water supply becomes common challenges for the urban water supply utilities in Africa. Responding to this situation and as a follow up of TICAD5, this program aims to provide practical knowledge, technology and management on urban waterworks engineering including non-revenue water/water safety planning/charge collection/business management, and opportunity to share the experience and findings among the participants.

Objective/Outcome	Target Organization / Group	
<p><b>【Objective】</b>                      Participants are expected to deepen understanding and share knowledge, technology and management methods on integrated waterworks management and solution for better waterworks engineering service in his/her water supply utilities and countries.</p> <p><b>【Outcome】</b>                      1. To understand the history, system, and challenges of water works in Japan, and to be able to compare with the situation of respective country.                      2. To understand the basic water works technology, such as filtration plan mechanism, water purifying, water supply system, and prevention of water leakage, and to be able to compare the situation of the respective country with the one of the other countries.                      3. To understand the integrated/efficient water works management system considering environment.                      4. To formulate the Draft Action Plan to resolute the specific issue(s).</p>	<p><b>【Target Organization】</b>                      Urban Water Supply Utility, Central or provincial government in charge of waterworks engineering.</p> <p><b>【Target Group】</b>                      1. Senior technical officers in charge of waterworks engineering with more than 10 years of practical experience.                      2. Graduate degree or the equivalent with an academic background in waterworks engineering.                      3. Have a sufficient command of English.</p>	
<p><b>Contents</b></p> <p>[Preliminary Phase] Preparation of Inception Report which compile the outlines, history, watersupply system, water services / business and major challenges / concerns of participating organization in the respective country.                      [Core Phase in Japan]                      1. Lectures, observations, and discussions on followings will be conducted.                      ①History, system, and challenges of water works in Japan.②Basic water works technology, such as filtration plan mechanism, water purifying, water supply system, and prevention of water leakage in Japan,③Integrated/efficient water works management system.                      2. Development of the draft action plan, and its presentation and discussion.</p>	<b>Course Period</b>	2019/7~2019/8
	<b>Department in Charge</b>	Global Environment Department
	<b>JICA Center</b>	JICA Yokohama
	<b>Cooperation Period</b>	2017~2019

<b>Implementing Partner</b>	Yokohama Water Co., Ltd.
<b>Remarks and Website</b>	