



# COMPANY OVERVIEW AND CASE STUDY SAMAN CORPORATION

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# **I. Company Introduction**

# I. Company Introduction

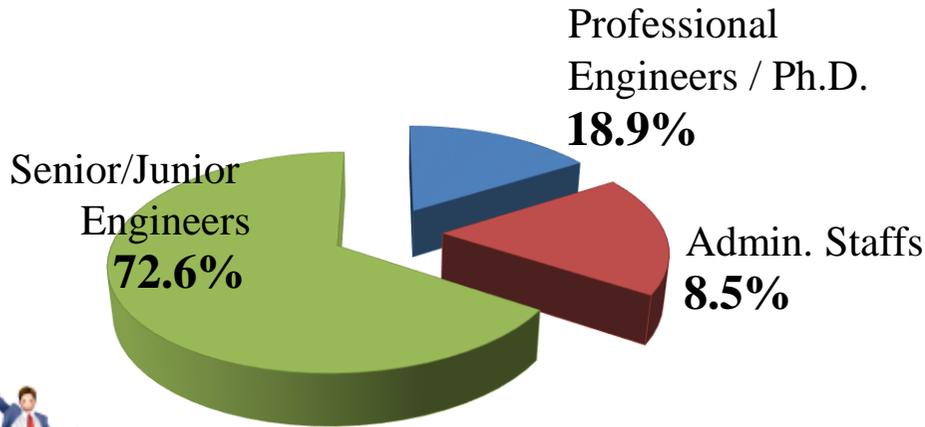
## 1. Company Overview

### History & Headquarters

Founded in 1967, 1-20 Byeolyang-dong, Gwacheon-si, Kyeonggi-do, KOREA

### Employees & ISO Certification

Total 1,058 employees (Engineer 91.5%, Admin. 8.5%)



# I. Company Introduction

## 2. Turnover in the Past 5 years

Gaining competitive strength through constant growth



# I. Company Introduction

## 3. Fields of Specialty



# I. Company Introduction

## 3. Fields of Specialty

### Landscape Architecture



### Harbor & Coast



### Geo-Technical & Foundation



### Marine Energy



### Traffic Planning



### Environment



# I. Company Introduction

## 4. Business Fields



# I. Company Introduction

## 5. Overseas Projects in Water Supply and Sewerage Field

SAMAN Corporation has executed several Projects Worldwide especially in the Water Supply and Sewerage Sector, and has accumulated plenty of technical skills and expertise.

Indeed, **SAMAN Corporation** has been involved in more than **25 projects related to the Water Supply and Sewerage**, some of which are still on-going.

Country1	Project Name	Engineering Field	Client
Bangladesh	PMC for Master Plan of Water Supply and Sewerage System at Chittagong in Bangladesh	Water Supply and Sewerage	KOICA
	Feasibility Study for Water Supply System of Bandal Juri in Bangladesh	Water Supply	KOEXIM BANK
Brunei	PMC for Proposed Construction of Pulau Muara Besar Bridge, Road and Utilities	Water Supply and Sewerage	BEDB
Vietnam	The Technical Assistance Preparing for Investment PMU-Lao Cai Subproject	Water Supply and Sewerage	WORLD BANK
	Uong Bi Water Supply System Expansion Sub-project, Quang Ninh Province	Water Supply	WORLD BANK
East Asia	Basic Survey for Water Sector of Climate Partnership in East Asia	Sewerage	KOICA
Sri Lanka	Consultancy Service for Design Review and Construction Supervision Deduru Oya Water Supply Project	Water Supply	KOEXIM BANK

The background of the slide features a dynamic splash of water in shades of blue and white, creating a sense of movement and freshness. The water appears to be falling or splashing from the top right towards the bottom left, with fine droplets and larger waves visible. The overall color palette is a gradient of blues, from a deep, dark blue at the top to a lighter, almost white blue at the bottom.

## **II. Water Supply Project at Dodoma Town in Tanzania**

# II. Water Supply Project at Dodoma Town in Tanzania

## 1. Project Overview

### *Project Name*

Consultancy Services for Improvement of Water Supply System in Dodoma Town, Tanzania

### *Project Executing Agency*

DUWASA(Dodoma Urban Water and Sanitation Authority)

### *Project Cost*

60,092,000 USD (By EDCF : 49,623,000 USD, By Tanzania Govern. : 10,469,000 USD)

### *Project Objectives*

- ▶ To supply sufficient water by year 2015 based on the mid and long-term water supply plan to Dodoma town in Tanzania
- ▶ To expand and improve the transmission and distribution pipe line network for the water supply in Dodoma Town
- ▶ To assist DUWASA so that can manage and operate the Water Supply System by themselves

# II. Water Supply Project at Dodoma Town in Tanzania

## 2. Project Area

- ▶ The Dodoma Town is the administrative capital of Tanzania, and it is located in the middle of Tanzania, about 450km west of Dar es Salaam.
- ▶ The underground water which is spread in the aquifer zone was confirmed as the primary water resource for Dodoma Town.
- ▶ The population of Dodoma Town has been increasing due to the various urban developments
- ▶ As a result, the residents of Dodoma had been facing a shortage of water



### ▶ Topography

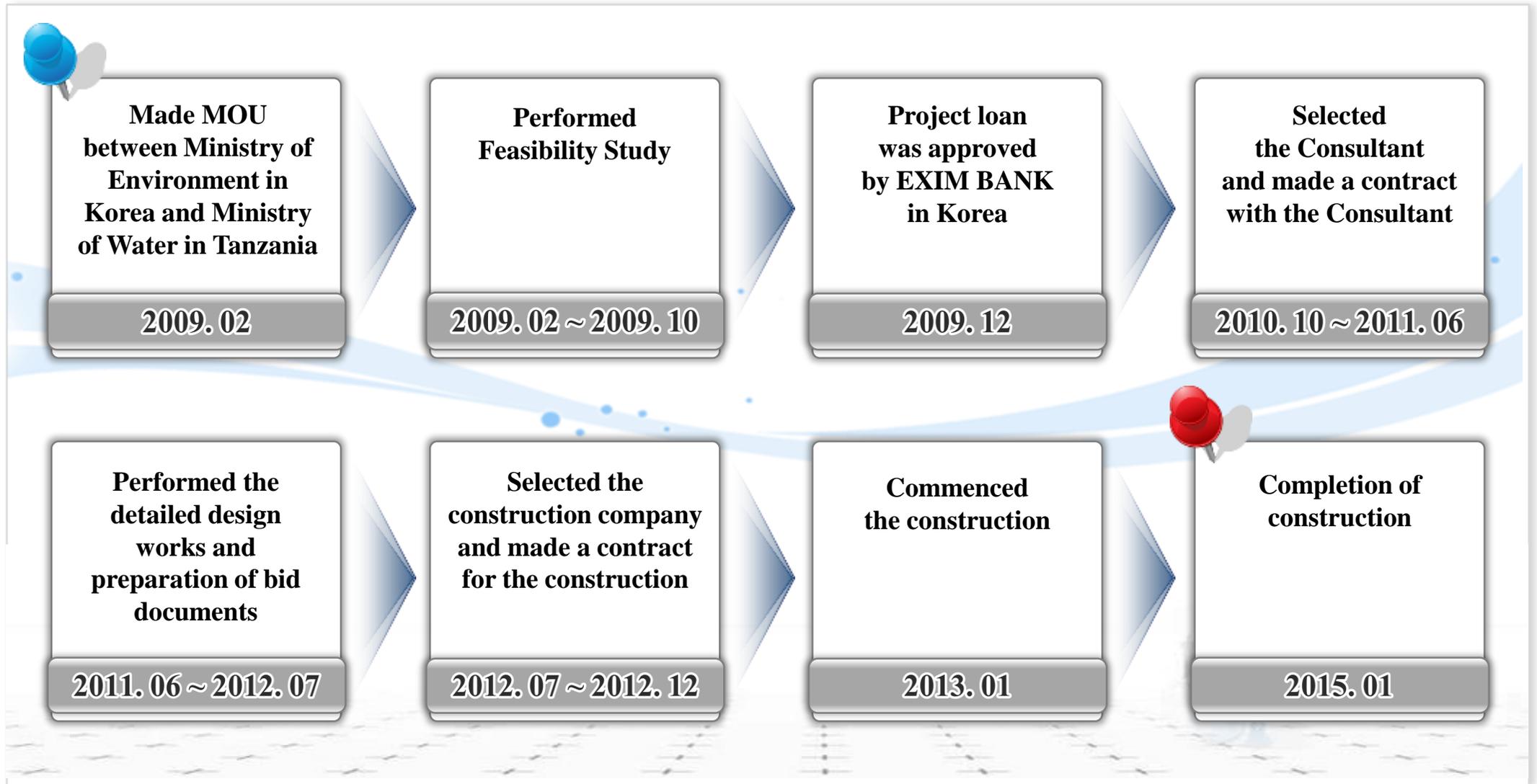
- Dodoma is located at an altitude ranging between 1,030m and 1,320m above sea level.

### ▶ Climate & Temperature

- Dodoma Region has a savanna type of climate.
- Average maximum and minimum temperature are 31°C and 18°C respectively

# II. Water Supply Project at Dodoma Town in Tanzania

## 3. Project Progress



# II. Water Supply Project at Dodoma Town in Tanzania

## 4. Existing Water Supply Facility

- ▣ The overall facilities were worn out, and maintenance and operation systems had not been managed well

### Borehole

Borehole



Borehole 97/70



### Pumping Station

Mzakwe P/S No.1



Mzakwe P/S No.2



### Booster Station

Chimwaga B/S No.1



Kilimani B/S No.1



### Storage Tank

Nkuhungu Tank

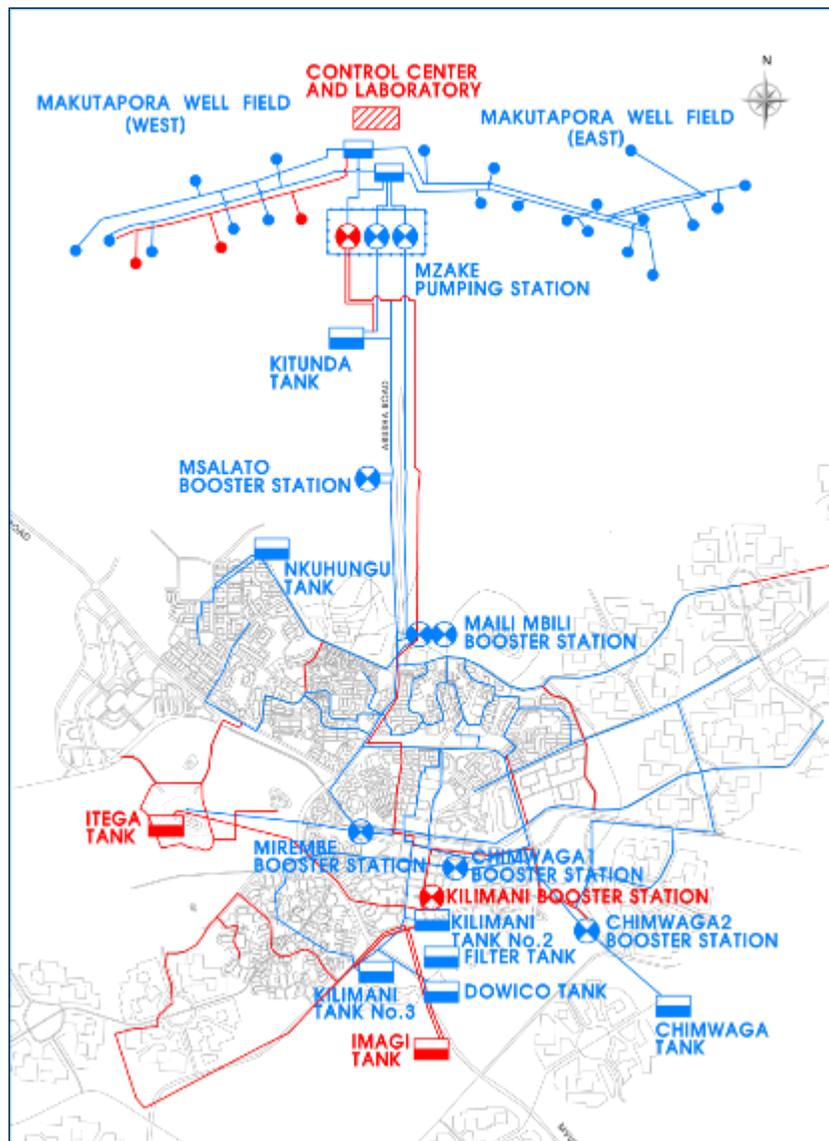


Kilimani Tank No.3



# II. Water Supply Project at Dodoma Town in Tanzania

## 5. Detailed Design and Preparation of Bid Documents



■ To ensure a stable supply of water to the whole of Dodoma Town, an indirect water supply system was proposed, in which water was to be supplied from isolated distribution reservoirs to the respective consumer areas by gravity.

Item	Detail
<b>Borehole</b>	<ul style="list-style-type: none"> <li>• Re-using : 7 nos.</li> <li>• Rehabilitation : 3 nos.</li> <li>• New : 3 nos.</li> <li>• Production Capacity : 61,500 m<sup>3</sup>/d</li> </ul>
<b>Pumping Station</b>	<ul style="list-style-type: none"> <li>• Rehabilitation : 2 nos.</li> <li>• New : 2 nos.</li> </ul>
<b>Storage Tank</b>	<ul style="list-style-type: none"> <li>• Rehabilitation : 3 nos.</li> <li>• New : 2 nos.</li> </ul>
<b>Transmission Mains</b>	<ul style="list-style-type: none"> <li>• New : DN400 ~ 800, L=46.14km</li> </ul>
<b>Distribution Network</b>	<ul style="list-style-type: none"> <li>• New : DN100 ~ 600, L=31.58km</li> </ul>
<b>Control Centre and Laboratory</b>	<ul style="list-style-type: none"> <li>• 1 nos.</li> </ul>

# II. Water Supply Project at Dodoma Town in Tanzania

## 5. Detailed Design and Preparation of Tender Documents

**Contract Signing**



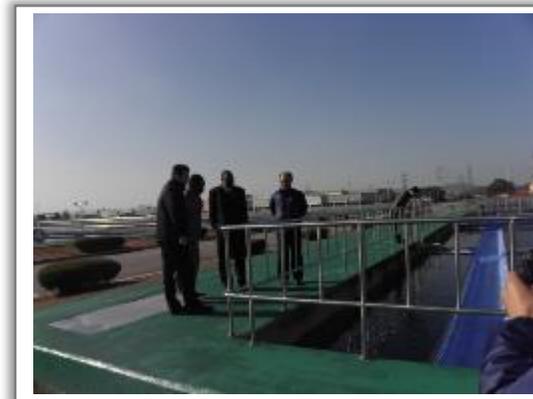
**Presentation for Commencement**



**Site Survey**



**Tanzania Engineers Visit Korea for Operation training**



# II. Water Supply Project at Dodoma Town in Tanzania

## 6. Selection of Contractor and Conclusion of Contract for Construction

### Pre-Bid Meeting



### Submission of Bid Documents



### Price Bid Opening



### Signing the Contract for Construction



# II. Water Supply Project at Dodoma Town in Tanzania

## 7. The Pictures at the Construction Sites

### Borehole at Makutapora Well Field



### Reservoir & Pump Station



### Control System & Office



# Thank You

