

INSTITUTIONAL AND ORGANIZATIONAL STRENGTHENING OF WASCO SAINT LUCIA AND REGIONAL WATER UTILITIES Non-Revenue Water Reduction Program

KEY FACTS

REGION	Castries, St. Lucia
CLIENT	Water Supply and Sewerage Company - WASCO
DATE	11/2018 - 11/2019
FUNDING	Gesellschaft für Internationale Zusammenarbeit - GIZ
VALUE	470,000 Euro
PARTNERS	Como Consult GmbH



THEOBALD WTP PUMPING STATION, 2019

BACKGROUND

The project was part of the Caribbean Aqua-Terrestrial Solutions (CATS) program, which is implemented as collaboration between the Caribbean Public Health Agency (CARPHA) and the "Gesellschaft für Internationale Zusammenarbeit" (GIZ) of Germany. The three fields of action of the program are: (1) natural resource management at national and sub national level, (2) climate-adapted cultivation practices at household level and value chains, and (3) up-scaling and mainstreaming at regional level. The CATS program aims at improved management of natural resources to strengthen resilience against climate change and sustainable development for member countries.

Over the past few years, WASCO estimates that its Non-Revenue Water (NRW) losses have ranged between 40% and 60% of the water it produces. The NRW is caused by leaks and overflows from deteriorating infrastructure, water theft, meter issues, database inaccuracies and billing discrepancies.

OBJECTIVES

WASCO's Strategic Plan for 2019-2023 has identified the reduction of NRW as its number one priority. WASCO's Strategic Planning Department has been tasked with formulating a Strategy for the NRW Reduction Program for the next 5 year-planning period.

The overall objective of this project was:

By the end of 2019, WASCO is ready to undertake a long term and sustained NRW Reduction Program.

The immediate objective of the project was strengthening the organizational and technical capacity of WASCO for NRW Reduction. It consisted of four components, including

- Institutional and organizational strengthening
- Improved network management
- Hydraulic modelling
- Geographical Information System (GIS) and asset management

***TOWARDS A SUSTAINABLE, CLIMATE-CHANGE-ADAPTED USE OF NATURAL
WATER RESOURCES***