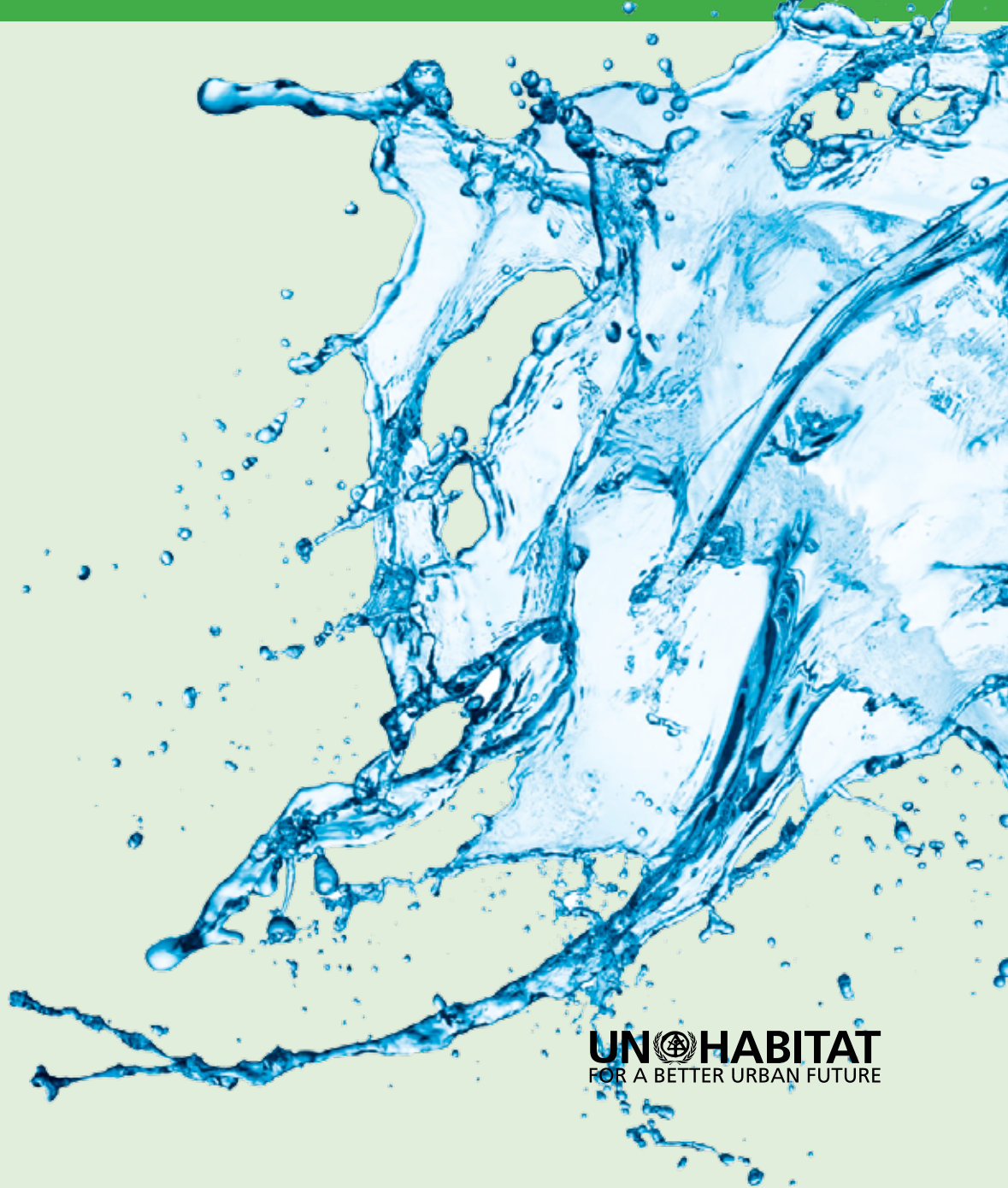


DOCUMENT

02 KENYA COUNTRY IMPACT STUDY



UN HABITAT
FOR A BETTER URBAN FUTURE

DOCUMENT
02 **KENYA COUNTRY**
IMPACT STUDY

United Nations Human Settlements Programme
Nairobi 2011

UN  **HABITAT**

Water and Sanitation Trust Fund Impact Study Series

Kenya Country Impact Study

First published in Nairobi in 2011 by UN-HABITAT.

Copyright © United Nations Human Settlements Programme 2011

All rights reserved

United Nations Human Settlements Programme (UN-HABITAT)

P. O. Box 30030, 00100 Nairobi GPO KENYA

Tel: 254-020-7623120 (Central Office)

www.unhabitat.org

HS/010/11E

ISBN (Series): 978-92-1-132035-0

ISBN (Volume): 978-92-1-132305-4

Disclaimer

The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.

Views expressed in this publication do not necessarily reflect those of the United Nations Human Settlements Programme, the United Nations, or its Member States.

Excerpts may be reproduced without authorization, on condition that the source is indicated.

Photos © UN-HABITAT

Acknowledgements

Authors: Lotta Nycander, Piers Cross,
Torbjørn Damhaug

Editors: Dominic O'Reilly and James Ohayo

Design and Layout: Andrew Ondoo

Acronyms

AfDB	African Development Bank
AWSB	Athi Water Services Board
CA	Co-operation Agreements
EIB	European Investment Bank
ENOF	Enhanced Normative and Operational Framework
JMP	Joint Monitoring Program (UNICEF and WHO)
KENSUP	Kenya Slum Upgrading Program
KfW	German Development Bank
Kibera WATSAN	Kibera Integrated Water, Sanitation and Waste Management Project
GoK	Government of Kenya
LFA-RBM	Result-Based Management and Logical Framework Approach
LVWATSAN	Lake Victoria Region Water and Sanitation Initiative
MDGs	Millennium Development Goals
MnU	Maji na Ufanisi
MSF	Multi-Stakeholder Forum
MTEF	Medium Term Expenditure Framework
MTSIP	Mid-Term Strategy and Institutional Plan
MWI	Ministry of Water and Irrigation
NWSC	National Water and Sewerage Company (Uganda)
NCWSC	Nairobi City Water and Sewerage Company
O&M	Operation and maintenance
RBM	Results Based Management
SWAp	Sector-Wide Approach
VIP	Ventilated Improved Pit latrines
WAB	Water Appeal Board
WAC	Water for African Cities
WARIS	Water Regulatory Information System
WASREB	Water Services Regulatory Board
WATSAN	Water and sanitation
WOP	Water Operators Partnership
WRMA	Water Resource Management Authority
WSB	Water Services Board
WSIB	Water, Sanitation and Infrastructure Branch
WSP	Water Service Provider
WSS	Water supply and sanitation
WSTF	Water and Sanitation Trust Fund

Table of Contents

Acronyms	iii		
Executive Summary	v		
Main Findings on the Kenya Country Program	vi		
Main Project Findings and Recommendations	vii		
Kibera	vii		
Lake Victoria	vii		
Maji Data	viii		
Background and Methodology	ix		
1.1 Background	ix		
1.2 Rationale	x		
1.3 Objectives of the Study	xi		
1.4 Approach and Methodology	xi		
1.4.1 Impact Verification and Analysis Process	xi		
1.4.2 Output Categories	xii		
1.4.3 Selection of Sample Projects	xiii		
Country Context and Challenges	1		
2.1 Sector Coverage	1		
2.2 Sector Organization	3		
2.3 Sector Coordination	4		
2.4 Sector Financing	4		
2.5 Sector Monitoring and Information Systems	5		
2.6 Urban Water Sector Performance	7		
2.7 Urban Sanitation Sector Performance	8		
UN-HABITAT Kenya Programme and Projects	9		
3.1 UN-HABITAT Kenya Country Programme	9		
3.1.1 Issues in Country Program Design	10		
3.1.2 Emerging Issues and Recommendations	12		
3.2 Kibera WATSAN and Kibera Support Programme	13		
3.2.1 Project Design	14		
3.2.2 Identified Achievements	16		
3.2.3. Emerging Issues, Impact Assessment and Recommendations	18		
3.3 Lake Victoria Region Water and Sanitation Initiative	21		
		3.3.1 Project Design	22
		3.3.2 Identified Achievements	23
		3.3.3 Emerging Issues, Impact Assessment and Recommendations	25
		3.4 The Maji Data Project	27
		3.4.1 Project Design	27
		3.4.2 Identified Achievements	28
		3.4.3 Emerging Issues, Impact Assessment and Recommendations	29
		Summary of Findings and Recommendations	31
		Findings	31
		Recommendations	32
		ANNEXES	33
		ANNEX 2: Project LFA for Kibera Slum Upgrading	36
		ANNEX 3: Project LFA For LVWATSAN	38
		ANNEX 4: Project LFA For MAJI DATA	41
		ANNEX 5: Comparison of Strategic Framework for the Water and Sanitation Programme (2003) And The WSTF Strategic Plan (2008-12)	43
		LIST OF FIGURES	
		Figure 1.1: Approach of the Country Impact Study	xi
		Figure 2.1: Water Supply and Sanitation Coverage in Kenya	2
		Figure 2.2: Water Sector Reform Structure in Kenya	3
		Figure 2.3: Sector Investment Requirements	5
		Figure 2.4: The Sector Information Cycle	6
		Figure 3.1: New 12m road Kibera - labour based construction	15
		Figure 3.2: Communal Water and Sanitation Centres	16
		Figure 3.3: Water Vending	17
		Figure 3.4: New Sewer Pipeline	18
		Figure 3.5: LVWATSAN Water Kiosks in Homa Bay Town	22
		Figure 3.6: Water Peddlers in Homa Bay Town	23
		LIST OF TABLES	
		Table 3.1: UN-HABITAT WAC II Country Support Overview	10
		Table 3.2: The Total Financial Allocation to the UN-HABITAT Kenya Programme	11

Executive Summary



This document is an internal Kenya country impact study of initiatives supported by UN-HABITAT's Water and Sanitation Trust Fund (WSTF) undertaken by a team of international consultants. The objective of the WSTF, established in 2003, was to bring in new investment and ideas, expand service coverage for poor urban dwellers and help build momentum for achieving the MDGs.

Its Strategic Plan for the 2008 – 2012 envisions three key outcomes:

- Increased institutional capacity in partner countries for pro-poor water and sanitation initiatives and policies with focus on gender equity, renewable energy and efficiency and environmental sustainability
- Increased flow of investment into water and sanitation sector catalysed by WSTF interventions
- Improved MDG monitoring mechanisms in place in partner

countries, with improved benchmarking of water and sanitation service providers

The impact study reviewed WSTF's strategic intentions, examined the Kenya country context and UN-HABITAT's country strategy and undertook an impact study of specific projects. Information was gathered from reviewing project documents, interviews with key stakeholders, including beneficiaries and field visits.

The projects selected for review were:

1. Two complimentary projects in Kibera focussing on improving WSS services to the urban poor including infrastructure investments, strengthening of governance and community management that can be applied to other informal settlements in Kenya

2. The Kenyan projects of the Regional Lake Victoria Water and Sanitation Initiative, with a specific focus on Homa Bay
3. The Maji Data Project

Collectively, these three sample projects will represent a basis for the assessment of the impacts of the three key outcome areas of the WSTF Strategic Plan.

MAIN FINDINGS ON THE KENYA COUNTRY PROGRAM

UN-HABITAT's project activities on the ground are making substantial strategic and direct impact from a relatively small investment. There is a close linkage between Kenya project outcomes and planned WSTF results.

The country programme focuses on solutions to better serve the informal urban poor in cities and small towns and on improving sector information. These are widely recognised as critically important issues which can influence a very substantial pipeline of investment. They are all issues at the heart of UN-HABITAT's mission and comparative advantage. UN-HABITAT's Kenya country projects have an impressive leverage effect on follow-up and complementary investments and are good value for money.

Whilst the country programme has made sound strategic project choices, overall it does not have a clearly articulated country strategy, developed and discussed with key sector stakeholders. UN-HABITAT's implementation approach insufficiently reflects or supports the main Kenya sector reform process.

The reforms have put in place WSBs, WSPs and a regulator as the key institutions influencing sector investment and improving sustainable service access by the poor. The three studied UN-HABITAT projects are implemented by an NGO, a regional project unit and an externally-financed Trust Fund – all marginal bodies to Kenya's key service management institutions serving the urban poor.

Scale is best achieved by supporting one coherent system, rather than "doing it alone" and appearing to perpetuate a sector characterized by a vertical series of agency initiatives.

UN-HABITAT's country strategy in Kenya might also focus more explicitly on helping utilities to deliver on their responsibilities to serve the poor. This would also complement UN-HABITAT's regional support to the Water Operator's Partnership (WOP) and help build impact and service sustainability.

Kenya has recently experienced a substantial growth in urban sector investment. Yet strategies to serve the urban poor are not clearly articulated and there key areas such as sanitation require considerable policy and strategy support. UN-HABITAT might consider altering the future balance of its Kenya country strategy to address these strategic areas at a high level, rather than primarily seeking to use WSTF funds to make direct impacts to service relatively small numbers of the poor.

MAIN PROJECT FINDINGS AND RECOMMENDATIONS

KIBERA

UN-HABITAT's two complementary Kibera projects have made a significant contribution in one of the toughest of development settings: improving services to the urban poor in one of Africa's most notorious slums. UN-HABITAT's contribution is distinctive in that it has put in place interventions that both make a significant and direct impact on the poor, and also provided a model with key features that could be replicated at scale.

UN-HABITAT's Kibera initiative puts into practice many of the key lessons learnt in addressing water and sanitation in informal settlements. The project is both horizontally integrated in the urban environment (addresses water, sanitation, solid waste disposal, roads, drainage, and housing) and has some strong features of vertical integration (the Athi Water Services Board -AWSB, the community, women and the youth). A key success factor has been developing momentum in community-NGO-local authority and state dialogue.

While the project is visionary, in its totality it will need to mobilize substantial resources and this raises questions about the overall sustainability and replication viability of the approach. There is a long road ahead, and the mobilization of resources, from public sector, private sector and user fees will be critical to future success.

On the basis of the lessons learned from the Kibera pilot, UN-HABITAT should place greater emphasis on political advocacy and promotion of increased flow of investments for the up scaling of the Kibera interventions, and use less WSTF resources on further pilots. UN-HABITAT should begin an explicit programme to mobilize investments from potential investors such as KfW, EIB, The World Bank.

A design component which might be addressed in future projects is the greater involvement of the NCWSC and AWSB at the outset of the project. Developing a strategic relationship with NCWSC is also critical for the next steps in water service development in Nairobi and for conceiving of and implementing successful approaches to sanitation and solid waste disposal for poor urban communities.

预览已结束，完整报告链接和二

<https://www.yunbaogao.cn/report/index/report?re>