



# Results-Based Financing for Water Service Providers in Kenya





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## ABBREVIATIONS and ACRONYMS

KES	=	Kenya Shilling
GoK	=	Government of Kenya
GPOBA	=	Global Partnership for Output Based Aid
MDG	=	Millennium Development Goals
MoF	=	Ministry of Finance
OBA	=	Output-Based Aid
SIDA	=	Swedish International Development Aid
SUWASA	=	Sustainable Water and Sanitation in Africa
USAID	=	United States Agency for International Development
WASREB	=	Water Services Regulatory Board
WSB	=	Water Services Board
WSP	=	Water Service Provider
WSTF	=	Water Services Trust Fund

# Output Based Aid for Water and Sanitation

The Water Services Trust Fund of Kenya (WSTF) is running an output-based aid (OBA) program that provides financial incentives to water services providers (WSPs) to invest in rehabilitation and expansion of water and sanitation infrastructure. The objective of the program is to improve the operating efficiency and financial performance of WSPs, and to extend access to unserved consumers. The program is supported by the World Bank, with funds from the Swedish International Development Agency (Sida).

**To qualify for financial incentives, WSPs need to finance their investments with commercial loans.** Domestic lenders, primarily

commercial banks operating in Kenya, will appraise and finance WSP investment projects. WSTF will pay a subsidy to WSPs that successfully implement projects that achieve pre-agreed results. The subsidy is a non-repayable grant to reimburse the WSPs for part of the capital investment cost.

**Kenya OBA Fund for Low-income areas.**

This project provides OBA to WSP projects financed with commercial loans that achieve a mix of the following outputs: new individual water and sewer connections, water kiosks and public water supply points, and public toilets. The maximum OBA subsidy is 60% of the amount borrowed for investment.

## Types of investments funded:

- Technical assistance to prepare and implement projects
- Construction/expansion of water and sewer networks to reach unserved consumers
- Rehabilitation/improvement of existing networks e.g. NRW reduction program
- Water and/or sewer connections to households and public points
- Water and sewer treatment facilities



# Kenya OBA Fund for Low-Income Areas

OBA is a performance-based subsidy, meaning that most of it is paid only after the services or outputs have been delivered and verified by an independent agent. The subsidy targets the poor by focusing on areas in which poor people live.

Under the OBA Fund, WSP sub-projects will be pre-financed with commercial loans from domestic lenders on market terms. While the WSP is free to select any financial institution, Housing Finance, K-Rep Bank, and Kenya Commercial Bank have access to a 50% guarantee provided by USAID.

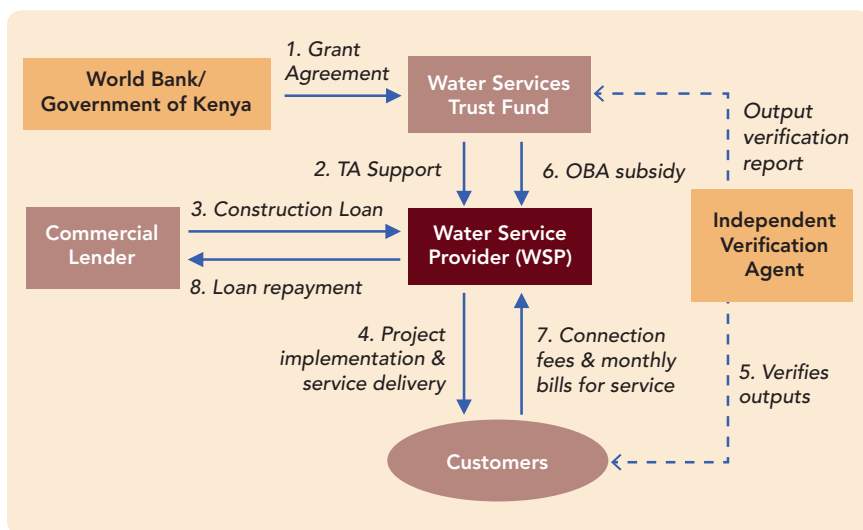
**Loans will support investments that result in improved access in low income areas. The targeted outputs are:**

- Individual water connections
- Individual sewer connections
- Public water kiosks & water points
- Public toilets

A WSP is eligible to receive technical assistance funding for hiring a consultant to assist with project preparation and supervision, to ensure that a bankable project proposal is prepared for evaluation by commercial lenders, and that the project is effectively supervised during implementation. WSPs must contribute at least 10% towards the total cost of technical assistance.

The loans will fund investments that provide household water and sewer connections, public water kiosks, and public toilets to low-income households. The OBA grant will pay for 60% of the sub-project cost financed by domestic lenders, subject to a cap of US\$115 per beneficiary. Areas eligible for subsidies will be identified through WSTF's poverty database, *Majidata*, which has mapped over 1,880 urban settlements, considered 'low income' based on an index of quality-of-life indicators. Note that areas not mapped in *Majidata* may be eligible for financing if they meet the *Majidata* criteria.

## FLOW OF FUNDS



## Eligibility Criteria

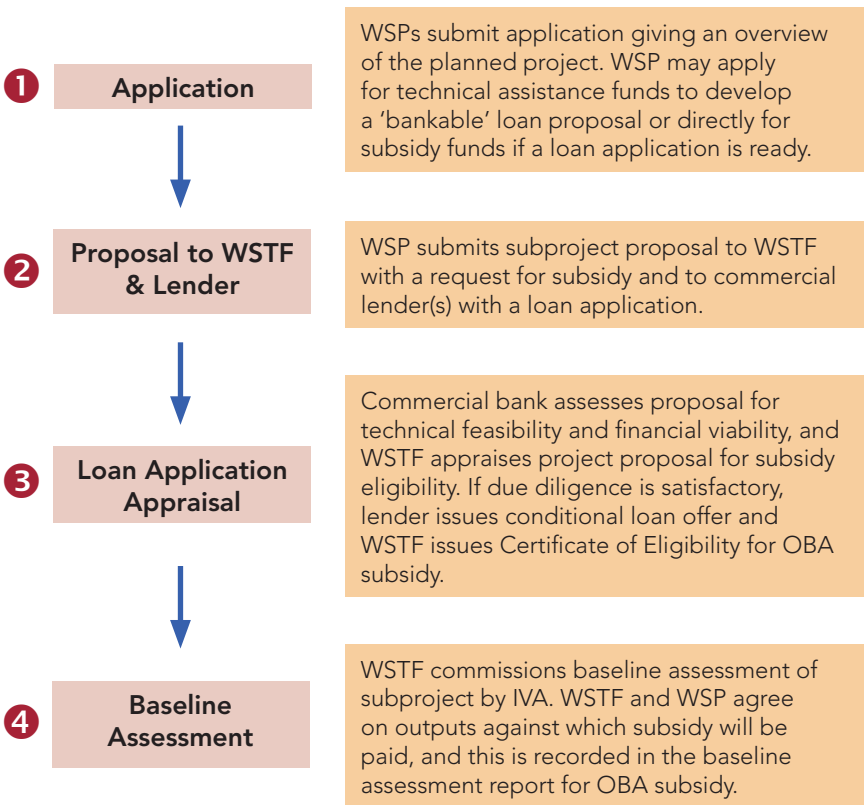
The minimum criteria for a WSP to be considered for financial support under the Kenya OBA Fund are listed below:

- WSP is in compliance with WASREB and WRMA guidelines and has the support of the county government to develop the project.
- WSP may either be county owned or a private operator or community licensed to provide water and sanitation services.
- Proposed subproject is demonstrated to be technically feasible and commercially viable as shown in the project proposal.
- WSP has secured a loan offer to finance the project from a commercial lender in Kenya, and is able to demonstrate its capability to repay the non-subsidized portion of the loan.
- Proposed subproject is situated in a low-income area that meets the *Majidata* criteria. In cases where partial project is based in a *Majidata* area, the portion of the project attributable to the low-income area is eligible for subsidy.

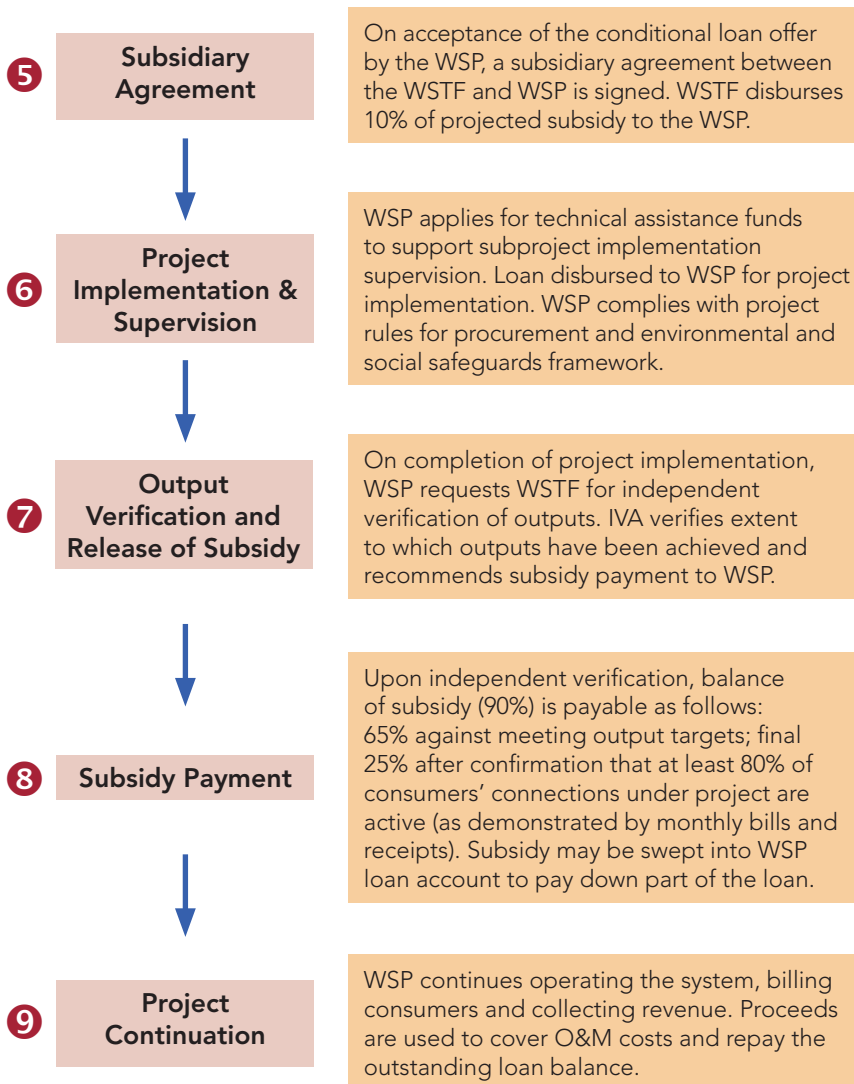


- WSP has WASREB approved tariff and will charge appropriate connection and consumption fees to cover operating and maintenance costs and the non-subsidized investment cost of the subproject.
- WSP connects consumers that can pay at least 40% of the approved connection fee (up to 60% of consumer connection fees may be subsidized, and fees may be payable in installments to increase affordability and uptake by low-income consumers).

## Application and Disbursement Process



*Continued*



## ROLES OF PROJECT PARTNERS

ENTITY	ROLE
<b>WSTF</b>	<ul style="list-style-type: none"> <li>▪ Project implementing unit</li> <li>▪ Ensure project is implemented in accordance with the Grant Agreement and operating manual</li> <li>▪ Verify target investments are being made in low-income areas</li> <li>▪ Monitor and evaluate the project impacts</li> <li>▪ Disburse and audit project funds</li> </ul>
<b>WSPs</b>	<ul style="list-style-type: none"> <li>▪ Develop and implement water and sanitation sub-projects within their service areas in accordance with the project rules</li> <li>▪ Access loans from commercial lenders for pre-financing</li> <li>▪ Provide services to consumers in low-income areas</li> <li>▪ Repay non-subsidized portions of commercial loans during subproject post-implementation operational phase</li> </ul>
<b>Private Operators &amp; Communities</b>	<ul style="list-style-type: none"> <li>▪ Alternative service providers under the project with a similar role to the WSPs</li> </ul>
<b>Lenders</b>	<ul style="list-style-type: none"> <li>▪ Appraise WSP loan applications</li> <li>▪ Pre-finance sub-projects and manage longer term loans</li> </ul>
<b>World Bank</b>	<ul style="list-style-type: none"> <li>▪ Subsidy and implementation support funding</li> <li>▪ Management and supervision of the project</li> <li>▪ Support to WSTF and WSPs to meet the project objectives</li> <li>▪ Support private sector/commercial lending initiatives</li> </ul>
<b>Beneficiaries (households)</b>	<ul style="list-style-type: none"> <li>▪ Payment of connection fees</li> <li>▪ Payment for monthly consumption</li> </ul>
<b>Independent Verification Agent</b>	<ul style="list-style-type: none"> <li>▪ Baseline assessment and output verification</li> <li>▪ Assessment of subproject costs and eligible subsidy</li> <li>▪ Verify investments made in the targeted low-income areas</li> </ul>
<b>WASREB</b>	<ul style="list-style-type: none"> <li>▪ Monitor/report on WSP compliance</li> <li>▪ Approve any changes to Service Provision Agreement</li> <li>▪ Review and approve (case by case) tariff change applications</li> </ul>
<b>MoEWNR</b>	<ul style="list-style-type: none"> <li>▪ Support for WSPs to clear requests with National Treasury</li> </ul>



# Indicative Term Sheet

## OUTPUT BASED AID (OBA)

ITEM	CONDITION
<b>Borrower</b>	Water service providers or licensed private operators and communities
<b>Loan Amount</b>	Up to 100% of project cost
<b>Purpose</b>	Improving access to water & sanitation for low-income households
<b>Maximum loan amount</b>	Up to 100%
<b>Loan tenor</b>	<b>Grace Period</b> - Up to 1 year <b>Loan Term</b> - Up to 10 years
<b>Interest rate</b>	Market rates (currently 17% – 22%)
<b>Loan appraisal fee</b>	1% to 2% (depending on commercial lender)
<b>Security for Bank</b>	Assets debenture over the WSP's assets
<b>Level of subsidy</b>	Maximum of 60% of loan amount
<b>Subsidy cap</b>	Each subproject is subject to a subsidy cap of US\$115 per beneficiary
<b>10% of subsidy</b>	Payable after WSP and Bank sign loan agreement
<b>65% of subsidy</b>	Payable after WSP has achieved agreed outputs
<b>25% of subsidy</b>	Payable after confirmation that 80% of connections are active for at least 3 months



# Debt Service Example

The actual amount of monthly debt service payable to a commercial lender by the WSP will vary according to:

- **Timing of disbursements**
- **Interest rate**
- **Loan tenor**
- **Amount of subsidy awarded to the WSP**

This is an example of a monthly debt service payable for a KES 100 million loan facility.

<b>OBA Facility without subsidy</b>	
Item	Amount (KES)
Project infrastructure cost	100,000,000
Principal loan amount ( <i>assuming WSP contributes 10% equity – project has no equity requirement so this depends on lender’s criteria</i> )	90,000,000
<b>Loan condition: 5 Years term loan + 12 Months grace period</b>	
Monthly interest payable over grace period	1,275,003
Monthly principal + interest loan repayment	2,236,732
<b>Total loan repayment</b>	149,503,945
<b>OBA Facility with subsidy</b>	
Item	Amount (KES)
Project infrastructure cost	100,000,000
Principal loan amount	90,000,000
<b>Loan condition: 5 Years term loan + 12 Months grace period</b>	
Monthly Interest payable over grace period	1,275,003
Monthly principal + interest loan repayment	894,692
<b>Total loan repayment (including subsidized interest during grace period)</b>	59,801,563





# The Essentials of Preparing for OBA Projects

Four basic steps are required to qualify for WSTF's OBA financial support:

## 1 Application and pre-requisites:

- Documents accrediting registration under the Company Act
- Documents accrediting registration at the Water Services Regulatory Board
- A valid Service Provider Agreement (SPA)
- Valid tax compliance certificate
- Social and Environmental impact assessment report
- Consent from Water Services Board and county government
- Project brief containing facts and figures on
  - Service area and population (beneficiaries)
  - Water supply scheme
  - Consumer categories and numbers
  - Sewerage collection and treatment scheme (if any)
  - Financial statements for last 3 financial years, supported by audited accounts
  - Main challenges
  - Objective and scope of project
  - Cost estimates of proposed project/related financial costs
  - Cash flow projections with and without project
  - Expected results and proposed outputs and outcomes in line with relevant RBF facility

*All documents and relevant information, using standard formats where available, should be submitted to WSTF with an application letter.*

- 2 WSTF will assess the project for its viability and suitability based on submitted information and site visit(s). If the project passes this initial assessment, detailed technical discussions with the WSP should result in a Memorandum of Understanding detailing the output targets and expected project outcomes agreed between the parties concerned.
- 3 Bankable proposal, selection of financial institution, and offer letter.
- 4 WSTF will enter into a financing contract with the WSP detailing the terms and conditions of the OBA subsidy.



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