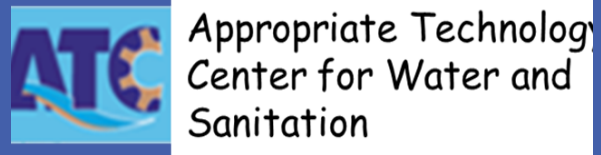


Metered Hand-pumps: Privately Operated Hand Pumps as a Way to Improve Sustainability & Service Delivery



D. Keesiga & P. Kimera;

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Introduction

24,660 BHs in Uganda, serving mostly rural population of which 4,957 (20.1%) are non functional

Capital Expenditure is borne by the government & Implementing Partners

O&M is a community duty through Water User Committees characterized by poor management. and collection of fees which causes the low functionality due to unavailability of funds

Our Approach



EF approach promotes market based approaches for sustainable and reliable service delivery

We have signed an MoU with the district local governments who are lead implementers of the approach

We have conducted community mobilization to familiarize beneficiaries with the approach and to also determine tariffs for water and sanitation services using the ATWHATCost tool

Conduct monitoring of program for 10 years



Technical Solution

Water meter details

Baylan Multi jet - dry
1" diameter, class B,
with a length of 260mm



Progress

Piloted metered Boreholes (BH) in 2 districts in Western Uganda - 30 in Kamwenge & 10 in Kyegegwa districts

Sensitized the 40 communities about the "pay as you fetch" strategy

Introduced a tariff of 100UGX (\$0.04) per 20litre jerry - can set using the ATWHATCost

Identified, trained & developed business plans for 4 entrepreneurs (10 BH @)

Repaired & installed meters on 33/40 BH. Confunding ratios are as follows: (20% - entrepreneurs, 40% - District Local Government and 40% Water For People)

Created jobs for 33 caretakers & business for 4 entrepreneurs and all have been trained these in meter reading

Expressions of Interest from other districts to adopt model

Opened Water Escrow Accounts at Sub county level to manage 20% of all fees from each well for Capital Maintenance Expenditure

Challenges & opportunities

Expected revenue per BH not realized after 1 month of installation in Kamwenge

Selective use of metered water by some users who opt for no cost sources

Room for growth in sales as communities better understand the approach



Conclusions & Recommendations

This is a promising approach to improve reliability of water sources

Tariffs may have to be tailored to the socio economic context

Need for more careful analysis of sources where approach is introduced

Consider other innovations of payment

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