**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 Kyeggwda 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

**Acknowledgements**

The authors would like to extend thanks to Water for People (project implementers) and The Adventure Project for having provided the funding for this research project and Steve Sugden (Senior Program Manager, Sanitation, Water for People) for his initial work on water meters for hand pumps.

Thanks to Cate Z. Nimanya (Country Director Water for People - Uganda), Asha Bamutaze (Project Coordinator - Appropriate Technology Centre for Water and Sanitation) and Isaac Mutenyo (former Project Coordinator - Appropriate Technology Centre for Water and Sanitation) who provided invaluable advice along the way.

We also thank WATCOM Services Limited (local fabrication company in Uganda, Kampala) for the fabrication services provided. Thanks to Grace Mukunzi (Assistant Tower Engineer at American Tower Corporation) for taking time to review this piece of work.

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**References**

- Water Programme, Working Paper 1, From Rights to Results in Rural Water Services - Evidence from Kyuso, Kenya, March 2014