

Technology Applicability Framework: Cases from Uganda for WASH Technology validation and uptake



Paul Kimera/ Appropriate Technology
Centre for Water & Sanitation (ATC)

Paul Kimera, Kenan Okurut & Ashabrick Bamutaze

1: Introduction

- WASHTech project (2011 - 2013)
- Pilot to pilot, no scale, no learning
- No clear TI, testing & validation procedure,
- Developed and tested TAF, GTI, applied
- Tested TAF on 5 technologies
- Continued application of TAF for validation

2.Objectifs / Objectives

- Stimulate discussions on WASH tech
- Assess potential of technology
- Assess sector upscale readiness
- Support M & E
- Document & formalize procedures
- Guide sector on TI procedures



3: Contexte / Context

- Testing 5 technologies, 10 districts in Uganda
- UDDT (Kabale, Pader/Agago)
- Metered hand pump (Kamwenge)



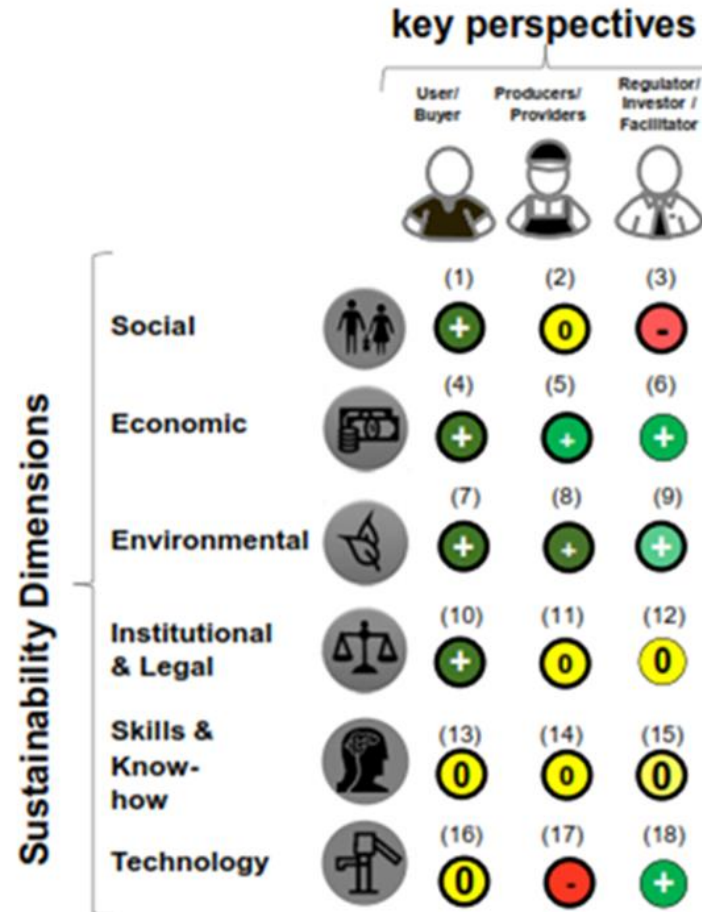
4. Méthodes/Methods

- Selection of study areas/ sites
- Training of study team
- Field assessment
- Presentation of field data
- Scoring



5. Résultats / Results

- Institutional UDDTs misused
- Household UDDTs not adopted in Pader/Agago
- Users unable to manage UDDTs appropriately



6. Analyse / Analysis

UDDT	Metered Hand Pump
Low level of funding, supportive structure, sensitization	High demand for services
No targeted market research	Need for behavior change
No interest in compost reuse	Economically, institutional successful
Low prospects for scalability	Fair prospects for scalability, average capacity on research for scale up
Reshaped outlook on ecological sanitation	High sustainability

7. Leçons apprises / Lessons Learned

- Context is key for success of a technology-
Kabale against Pader
- Metered hand pumps good precursor for
piped water supply
- Need for a UDDT Management model for
institutions
- Need to encourage private sector
engagement in compost utilization



8. Conclusion

- TAF fills gap on technology context specific technology validation
- Broad stakeholder involvement leads to ownership of process & TAF results
- Stakeholder roles better understood
- Lessons learned shared and archived
- GTI and TAF processes well received by government, Private sector, NGOs





water for people
UGANDA | Everyone Forever

Remerciements / With thanks to

Water for People, Sean Furey