

## Who is involved in WASHTech?

WASHTech is a consortium research project comprising national and international NGOs, academic institutes and training centres in Africa and Europe.

In Uganda, WASHTech is facilitated by:

- \* Network for Water and Sanitation (NETWAS), Uganda
- \* WaterAid in Uganda

Other partner institutions are in Burkina Faso the Centre Régional pour l'Eau Potable et l'Assainissement à faible coût (CREPA) and WaterAid in Burkina Faso, and in Ghana Training, Research and Networking for Development (TREND), Kwame Nkrumah University of Science and Technology (KNUST), and WaterAid in Ghana.

European partners include IRC International Water and Sanitation Centre (The Netherlands), who is coordinating the project, Cranfield University (United Kingdom), SKAT Foundation (Switzerland) and WaterAid (United Kingdom).

In Uganda, WASHTech will utilise existing learning platforms at national level such as the sector Joint Technical Review, the Joint Sector Review, and the Appropriate Technology Centre annual dissemination forums. At decentralised level, the district and sub-county learning alliance platforms, regional learning fora and inter-district review meetings will engage community members and water and sanitation sector practitioners to provide feedback on field level experiences with technology performance, up-take mechanisms, scalability and validation of the technology assessments.

A core working team, composed of professionals from governmental agencies and NGOs, provides overall strategic guidance and leadership to the project through their expertise and experience.

**Cranfield**  
UNIVERSITY

**skat**\_foundation

## How can YOU get involved in WASHTech?

Learning and sharing is core to the success of WASHTech's endeavours. There are many opportunities to facilitate YOUR involvement.

- \* By participating in national or district learning alliances.
- \* Participate in the WASHTech action research in Uganda on the Technology Assessment Framework.
- \* Share information on the emergence of new WASH technology and existing technology assessment frameworks in your area by contacting NETWAS or WaterAid Uganda.
- \* For these ideas and more, contact the WASHTech Uganda team.



### Contact details WASHTech in Uganda:

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# WASHTech

Investing in adequate technologies for sustainable WASH services



WASHTech Uganda (2011-2013)

The Water, Sanitation and Hygiene Technologies (WASHTech) project started in January 2011 and is co-funded under the 7th Framework Programme of the European Commission's Africa research programme.



**WaterAid**

## WASH technology: friend or foe?

Over the past 15 years, the government of Uganda has made considerable efforts towards increasing safe water coverage from 35% to 65% in rural areas (Ministry of Water and Environment 2011). However, these figures mask huge disparities between districts ranging from as low as 21% in Kaboong in the north east to 94% in Kabarole in the western part of the country. In 2010 average functionality rate of water facilities was 80.7% (MWE 2010) - over 15% of existing water facilities were hence non functional.

A number of WASH technologies have been promoted in Uganda, some being successful and others totally failing to meet people's needs of easy access to safe water, sanitation and hygiene services.

The Ministry of Water and Environment (MWE) has invested in innovations in the water and sanitation sector by promoting action research and development of appropriate technologies for water supply and sanitation, and establishing an Appropriate Technology Centre.



Let's invest in sustainable technologies

**The task at hand** - is to provide the sector with a systematic and participatory way of assessing and adopting technology innovation that effectively takes the poorest of the world a step closer to expanding their life choices and opportunities for development.

## WASHTech - Investing in adequate technologies for sustainable WASH services

The Water, Sanitation and Hygiene Technologies (WASHTech) is a three-year action research initiative (2011 to 2013) that:

- \* Is driven by an overall goal to facilitate **effective investment in new technologies for sustained access to WASH services**.
- \* Aims to strengthen the sector's capacity to arrive at **informed decisions in the choice of sustainable WASH technologies**.
- \* Undertakes participatory **action research to identify barriers and opportunities for scaling up** technology beyond pilot testing.
- \* Offers sector professionals (governmental agencies, NGOs, private operators, research institutes etc.) with **a set of methodological tools and participatory approaches** for informed decision-making and strategic planning.
- \* Through the participatory development, implementation and evaluation of the methodological tools, **embeds the practice of multi-stakeholder learning, sharing and collaboration** -- instilling individual and collective ownership of, attention to and responsibility over sustainability.

WASHTech endeavours to introduce a robust **Technology Assessment Framework (TAF)** that provides a neutral approach for investigation of WASH technological innovation through an objective examination of key criteria:

- \* Technology performance
- \* Market potential and scalability
- \* Institutional support
- \* Innovation and planning
- \* Sustainability

## Beyond the Technology Assessment Framework: WASHTech deliverables

Beyond the TAF, WASHTech offers the sector:

- \* **Informative guidelines** for the application and adaptation of the TAF at different scales: district and national level.
- \* A **continental technology report** that reviews existing technology assessment frameworks examined by the WASHTech research team.
- \* **Country situational assessment reports** that document the experiences of pilot countries Burkina Faso, Ghana and Uganda in working with the TAF.
- \* A **WASHTech website** that will provide WASHTech partners and other interested parties with a regularly updated platform for discussion and engagement to develop, monitor and validate the progress of the TAF, and other **face-to-face engagements and meetings**.
- \* A **series of training courses** to roll out and embed the use of the TAF beyond the conclusion of the project.



WASHTech - Empowering communities to collectively assess technologies for sustainable services