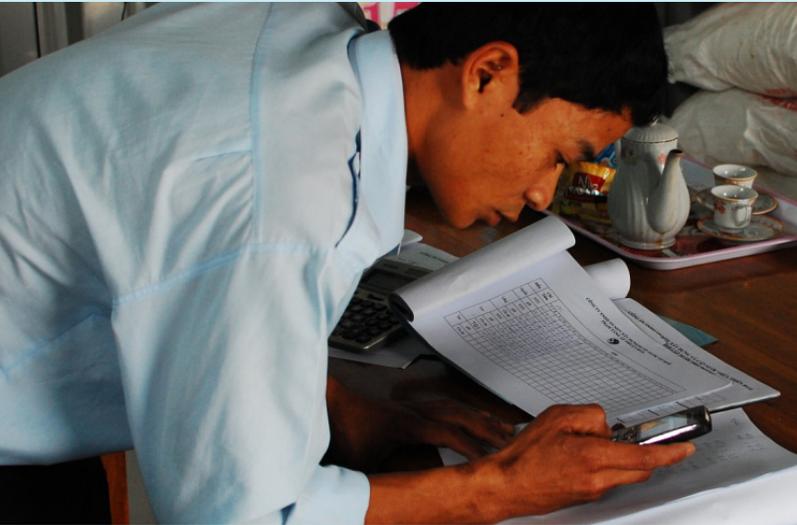# DATA SOLUTIONS FOR WASH

aquaya

Reliable data collection and efficient information management are critical for ensuring the long term sustainability of WASH initiatives. Aquaya works to improve data collection and analysis in the WASH sector by implementing technical solutions and providing programmatic support.

OUR TOOLS

- Improve the efficiency and accuracy of data collection

- Increase the dissemination of relevant information to stakeholders

- Strengthen links between managers and fieldworkers

- Distill information for decision-makers by creating visualizations and summaries

- Improve stakeholders' capacity to respond to data by delivering reports and alerts

OUR APPROACH

Aquaya first conducts needs assessments with relevant stakeholders to determine the types of data to be collected and the institutional relationships that must be supported by data reporting. We also evaluate contextual factors that affect implementation, such as the coverage of local cellular networks and the technical proficiency of field workers.

After the initial configuration and deployment of a technology, Aquaya works with partners to establish clear procedures for training, troubleshooting and system maintenance.

Aquaya has worked with water suppliers, government health authorities and NGOs in a range of challenging settings around the world. We have experience in system design, on-the-ground training, scale-up and technical troubleshooting.

TECHNOLOGY

Aquaya builds and deploys custom software solutions and has experience working with a wide array of open source tools:

- Form-based applications for feature phones and Android devices that allow field workers to submit questionnaires via the mobile data network.

- Voice-based questionnaires that can be deployed in any language from any phone

- Online data entry and upload systems

Aquaya has also developed Pipeline, a hosted, web-based tool that manages data from multiple sources. Pipeline produces dynamic analyses, automated alerts and scheduled reports for managers and field staff.

To learn more, please contact Matt Ball, matt@aquaya.org, or visit http://aquaya.org.