WATER for ALL
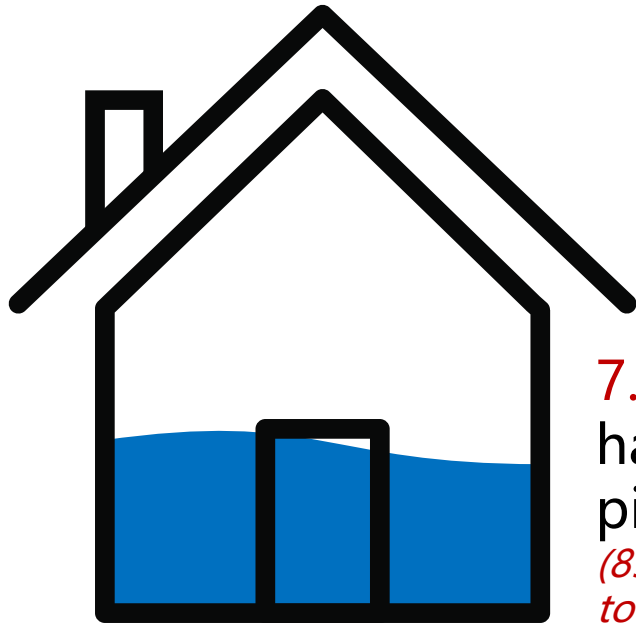
- *VidlyIT is a team of six **young and driven** individuals with **tried and tested skills** in **App Development** and innovative **ioT solutions***

- *Shared roots in rural and urban Africa with **intrinsic understanding** of the challenges*

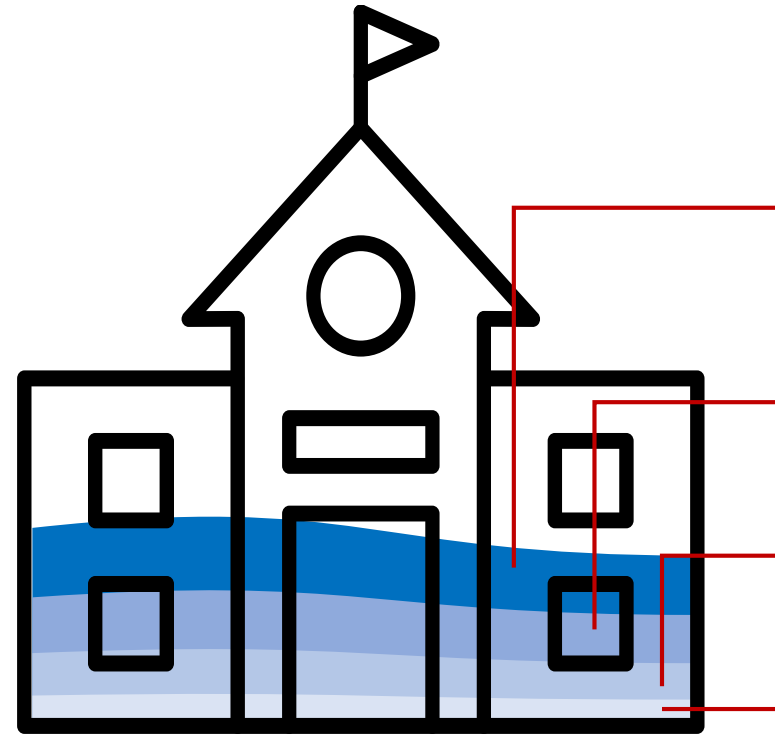- *Passion for **creating solutions** to socio-economic issues, that **bring about equality***

THE Problem

16.7 million Households

7.7 million (46%) have access to piped water
(89.5% have access to a cellphone)

24,000 Operational Public Schools

6,517 Harvest rainwater

5,004 Unreliable supply

1,094 Rely on tankers

171 NO supply

vidly
Information Technology

THE Solution

VidlyIT suggests a 3-part solution to start addressing the critical shortage of safe water into communities at risk

1. ioT Device

   a. Installed on site in water tanks

   b. Monitors water levels

   c. Monitors water quality, mineral and microbial content

2. Online Dashboard

   a. Collated data on water usage and quality

   b. Alerts on water quality to prevent disease from taking hold

   c. Anticipate when tanks will need to be refilled to meet demand

3. Website

   a. Linked to Dashboard, per school, for ease of water management by governmental organisations

   b. Donors are invited to contribute to the water supply and infrastructure requirements per school of their choice – Payment gateway will be integrated to facilitate this

TARGET Market

Contributors

- NGOs
- State Owned Enterprises, such as the Department of Basic Education and the Department of Water and Sanitation
- Corporate South Africa, as a means of responsibly spending their legislated Social Economic Development contributions

Beneficiaries

- Rural and Urban schools
  - That have exiting water tanks in place
  - All new tank installations at schools, as a Public/Private Enterprise with the Department of Education, to ensure that tanks are monitored for safe water

Cost Model

- Two Tier System
  - Monthly subscription for the dashboard and analytics
  - Once-off fee for the ioT device, back up sensors and installation

THE Result

- *Clean drinking water will reduce waterborne diseases*
  - *Lower death rates*
  - *Relieve pressure on health services*
  - *Address absenteeism at schools*

- *Water for sanitation*
  - *Ability to wash hands reduces spread of disease*

- *Containment of human waste – no contamination of water table and agricultural land*