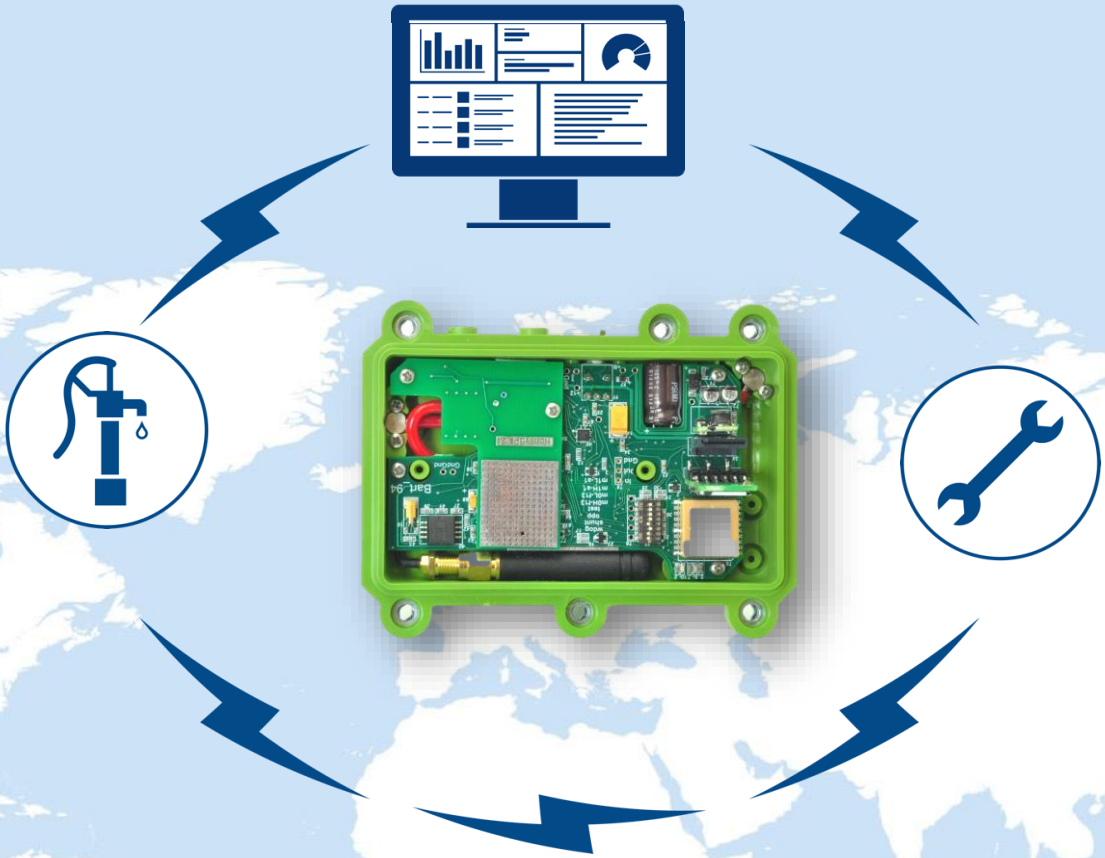
SWEETSense

The Challenge:

- Funders provide investment and resources for projects -- supposed to improve the health and livelihood of people in developing communities.
- Sooner rather than later, the funding runs out for that particular project, and everyone moves on.
- As much as 60% of water pumps in some African countries are broken a few years after they're installed.

The Opportunity



- Sensors connect to the networks to remotely report to the status of water systems.
- Sensors monitor power and flow rates
- Kenya RAPID -**5-years, US$35M, USAID, SDC – MWA, CRS, CARE, WV, F4H**
- LowLAND WASH Ethiopia **4-years, US$23M, USAID - AECOM, IRC, IRC Wash, CARE**
- Partner with IBM to design WmaaSP platform (Water Management as a service platform) analyze data online, and report tool
- **Currently +300 sensors installed and monitoring over a million people's water supply**

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Portfolio Activities

Ending Drought Emergencies

Under Kenya RAPID, SweetSense will install 70 satellite connected sensors on all of the county strategic designated boreholes in Marsabit, Garissa, Wajir, Turkana and Isiolo

Working with County governments Kenya RAPID partners will:

- Provide capacity training on use of sensor data to diagnose borehole issues
- Develop a borehole response O&M team in each County

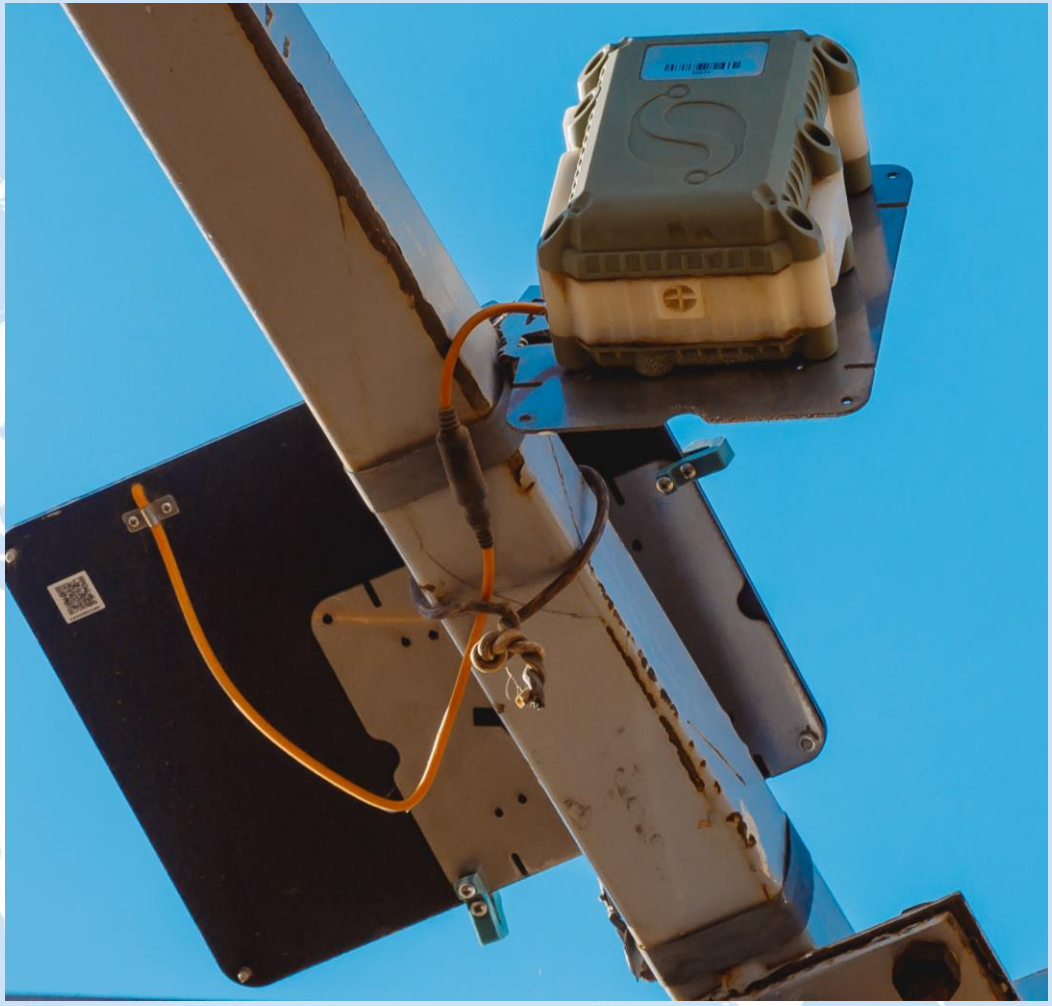
Flow Meters connected to billing data→ Working with Wonderkid in Kenya

Machine Learning - SweetSense specializes in predictive analytics and is currently studying data gathered to predict borehole breakdowns

BlockChain - Blockchain for more transparent borehole permitting

Looking For Expansion opportunities

- Expansion to other Kenya Counties
- Looking at further East and West Africa opportunities
- Impact Investors to support lowering technology costs and to fund expansion activities



Contact Details:

Styvers Kathuni +254 743 801 232
styvers.kathuni@sweetsensors.com

Lauren Stover +254718136003
lauren.stover@sweetsensors.com