

Knowledge Gained Through Water For People Impact Tour

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Brown and Caldwell

2015 PNWS-AWWA



Some Facts

- 783M no access to safe drinking water
- 2.5B without adequate sanitation facilities
- Every day, nearly 6,000 die from water related illnesses, and the vast majority are children



Source: taken from Water For People's website



water for people
everyone | forever

- “Helps people in developing countries improve quality of life by supporting the development of locally sustainable drinking water resources, sanitation facilities, and hygiene education programs”
- “Maximizing people’s potential to meet their own development challenges”
- Focused on programs that last by examining entire districts and regions rather than purely households and villages – “Everyone Forever”



- Central America

- Guatemala
- Honduras
- Nicaragua

- South America

- Bolivia
- Ecuador
- Peru

- Africa

- Malawi
- Rwanda
- Uganda

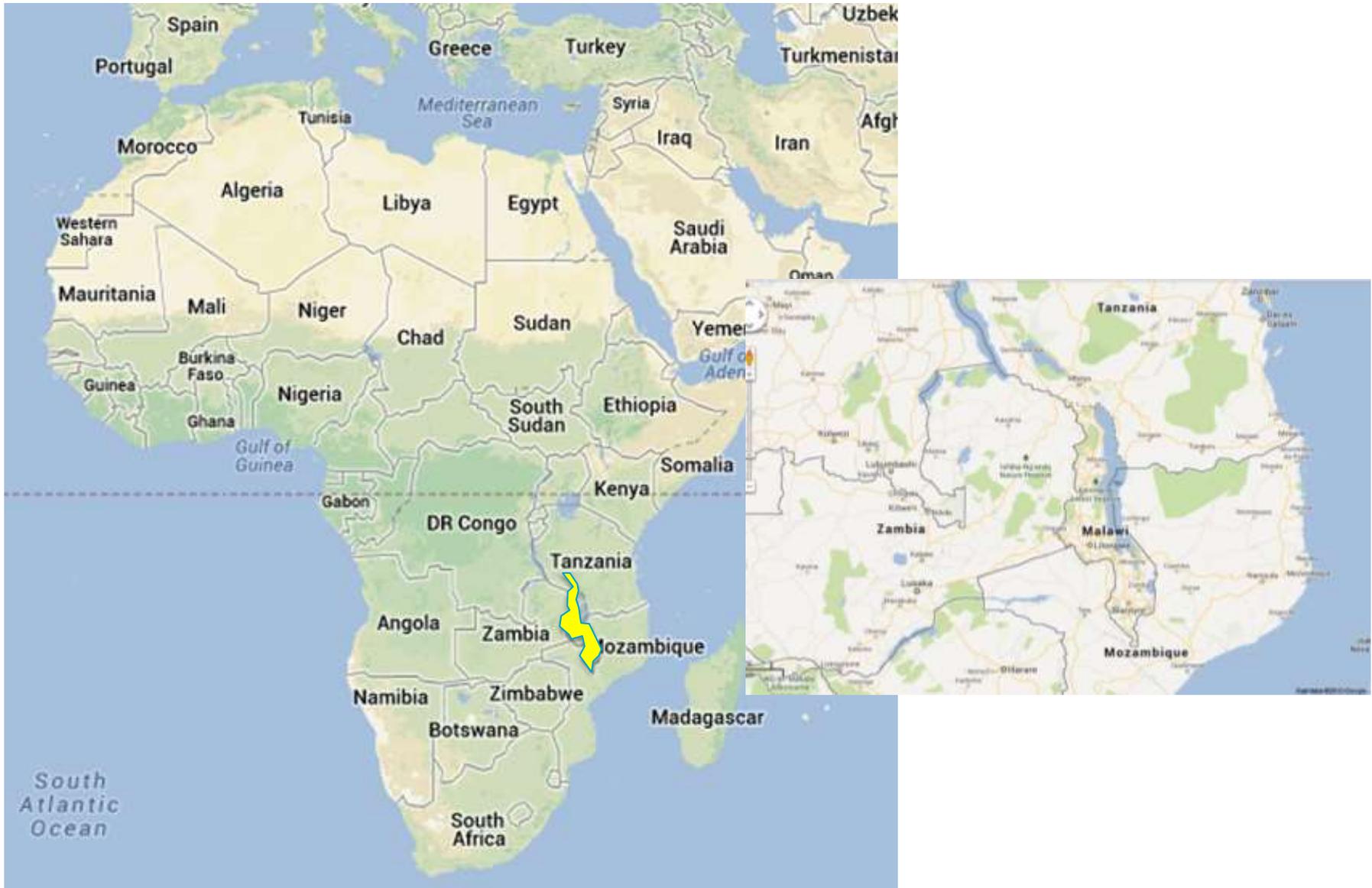
- Asia

- India

Why did I go on this trip?

- Co-lead Brown and Caldwell's funding for Water For People
- BC goal to raise \$100,000 a year
- BC has supported WFP for over 10 years
- Over the last 10 years, BC and its employees have contributed over \$800,000
- On par to raise over \$100k this year!
- From time to time, send employees on WFP Impact Tours to learn about how our donations are being utilized

WFP's Malawi Program (2002)



Employment = Agriculture

- Tobacco
- Sugarcane
- Cotton
- Tea
- Corn
- Cattle
- Goats



HIV/AIDS – Huge Problem – High as 25%



Roadway Video

President Joyce Banda



Two Regions

- 45,560 sq mi
- 14.9 M people
- Chekhawawa – began supporting in 2007
 - Partnering with local govt
 - 6 staff members in District Commissioner's office
 - Local chiefs
- Blantyre – 2004
 - 13 staff and where program director resides
 - Water kiosks



Chekhawawa – 2020 goal of Everyone Forever

Chekhawawa

- Population
 - 2008 – 434,648 people
 - 2013 – 503,402 (2.9% growth)
- 6 members
- 11 chiefs (TA)
- Election



Chekhawawa

- Capital projects are chosen by the District and Water For People provide funding
- Goal of co-funding
- Quarterly financial reporting
- Govt provides building space
- Govt has responsibility to provide clean water and health

Cekhawawa



Cekhawawa



Nkhalamba Village

- 552 people
- Funds from Water For People introduced sanitation and hygiene interventions
- Community Led Total Sanitation







WFP Allocated One Water Source

- District has allocated
- Next 2 months
- 10 person Committee in place
- Cost - \$10,400



The Children

- Interviewed as large group (approx. ages of 3 to 12)
- Girl said that in rainy season, she has to walk further out from location that they showed us because river is flowing too much. The other spot is open and she feels uncomfortable bathing at this location. She was very much looking forward to the new borehole in the village.
- Boy said that women can take over well so it can be hard to get water.
- Asked them what they want to do when they grow up:
 - Work in office for a company
 - Doctor

Duck, Duck, Goose/Bakha, Bakha, Conga



Native Dance



Chimphepo Village





Chimphepo Village

- Each house latrine with cover
- Previously no protected water source
- WFP started working in village in Nov. 2012
- Water source was 3.8 km away
- Out of 5 nearby villages, 1 has borehole
- Improved open defecation, was 5% now 3%
- From 2011-2013: 161 people died from cholera in the region, some directly from this area





- 1,612 people
- Allocated 2 water points recently - \$20,800

Kasokeza Village

- 790 people, 75 households
- Received water point in 2008
- Cost - \$10,400



Maintenance

- 10 committee members (4 men, 6 women)
- Preventive maintenance
 - Monthly checks
 - \$3,000 is cash and spare parts
- 3 boreholes







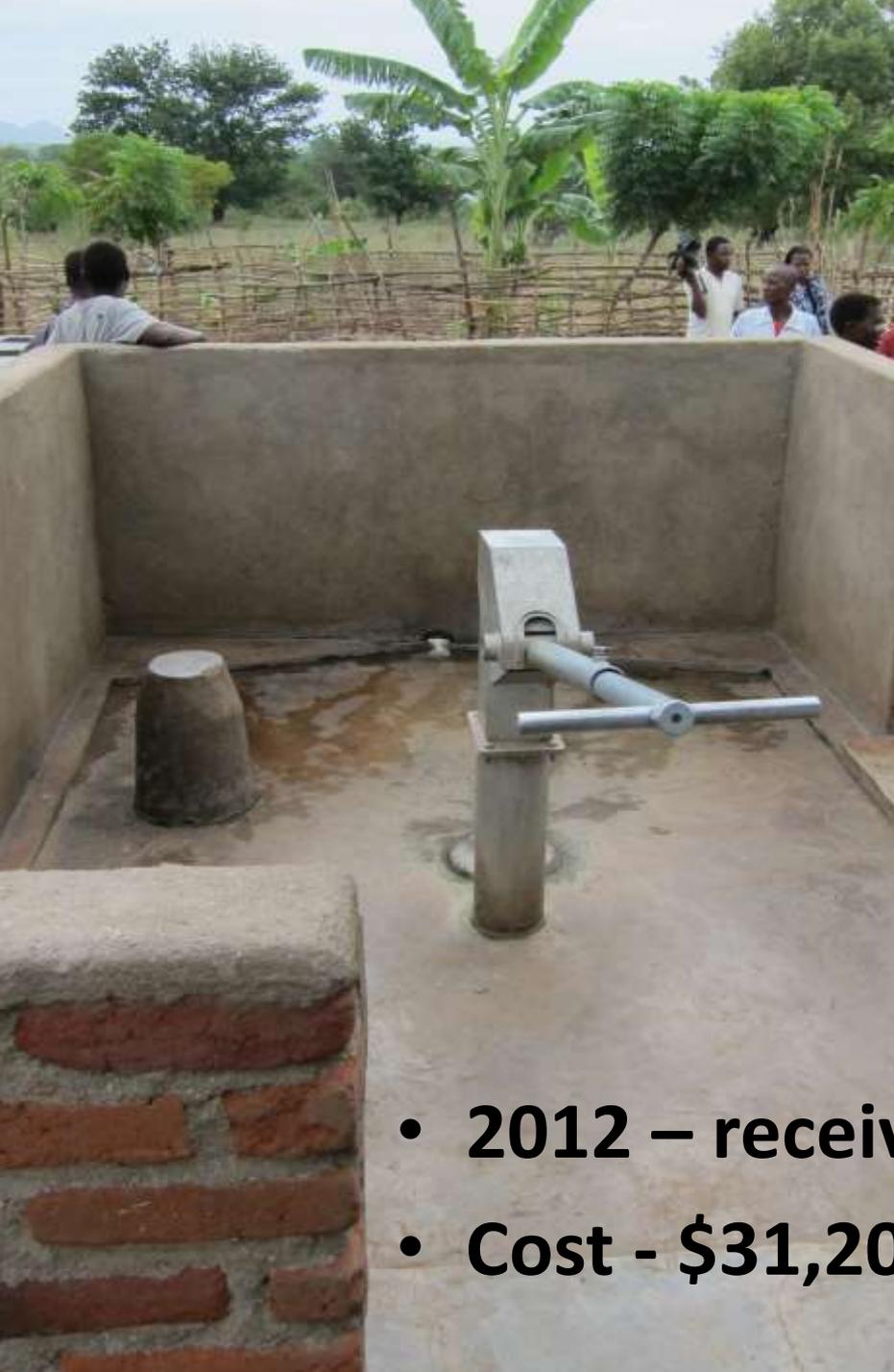


Spare Parts Store





Jacob Village



- 2012 – received 3 water points
- Cost - \$31,200

The Celebration









Blantyre

Blantyre



Blantyre Water Board & Water Users Association



Michiru Water User Association	
P.O. Box 2374, BT	
Formed: 2010	
MONTHLY REPORT	MARCH 13
Area Covered	1. CHEMUSA 6. CHATHA 2. CHIRIMBA 7. MACHIN 3. MWACHANDE 4. KAMEZA 5. MDALA
Tariff	K10.00 PER 20L
No Of Functional Kiosk	60 KIOSKS
No Of Non Functional Kiosk	01
Last Month Total Collection	K1555,135.40
Last Month Water Bill	NIL
Water Bill Arrears	NIL
Last Month Wage Bill	K747,785.00
No Of Employees	87
Other Costs	K807,305.46
Bank Balance	K185,630.46
WUA Board Chairperson	K.H. MALINKI
WUA Adminstrator	J. SADIKI

OCTOBER 2011 CASH BOOK R

DATE	NAME OF INSPECTORS	RECEIPTS AMOUNT	01	02	03	04	05	06	07	08
			KUNENE	MZINKA	THEKISO	WILLIAM	PENBA	SITOLA	MACHIKA	CHIRIMBA
1/11	C.S. BANDA, O. NKWATE		1305 00	1260 00	1605 00	725 00	425 00	945 00	1200 00	255 00
2/11	T. NKHUNGULU		2115 00	1455 00	2070 00	2220 00	2355 00	3105 00	3090 00	1545 00
3/11			945 00	1515 00	930 00	975 00	1005 00	1500 00	540 00	555 00
4/11			1710 00	1350 00	2340 00	1545 00	1245 00	2145 00	2640 00	1500 00
5/11			1470 00	1785 00	2115 00	1845 00	2040 00	2100 00	2100 00	1125 00
6/11			-	-	420 00	-	-	-	-	-
7/11			375 00	225 00	1020 00	-	-	-	-	30 00
8/11			1150 00	-	1935 00	-	-	-	-	-
9/11			450 00	795 00	1410 00	285 00	345 00	2085 00	1350 00	510 00
10/11			-	-	615 00	-	-	-	-	-
11/11			585 00	1065 00	1080 00	3765 00	2205 00	3275 00	1785 00	2430 00
12/11			2625 00	1440 00	1530 00	1680 00	2055 00	1335 00	1275 00	1155 00
13/11			1320 00	1365 00	1515 00	1755 00	1905 00	1485 00	1350 00	1140 00
14/11			1245 00	1230 00	1185 00	1650 00	1620 00	1440 00	1410 00	1170 00
15/11			690 00	1200 00	1050 00	1395 00	1485 00	1215 00	1215 00	720 00
16/11			1140 00	825 00	2100 00	2445 00	2205 00	1695 00	2175 00	1395 00
17/11			-	-	2655 00	1365 00	2115 00	1050 00	1890 00	750 00
18/11			-	-	3105 00	2340 00	2220 00	2175 00	2325 00	1740 00
19/11			-	-	2940 00	1530 00	1800 00	1305 00	1425 00	1005 00
20/11			-	-	2490 00	2505 00	1725 00	3165 00	1785 00	1440 00
21/11			1155 00	255 00	2610 00	2040 00	2040 00	1770 00	1560 00	1635 00
22/11			1845 00	1065 00	1755 00	1965 00	975 00	2235 00	1380 00	1380 00
23/11			1515 00	1755 00	1665 00	2295 00	1605 00	2235 00	1410 00	1590 00
24/11			1425 00	1200 00	1500 00	1605 00	1605 00	2235 00	1410 00	1590 00











Sanitation Entrepreneurs



Sanitation Entrepreneurs





PAN TOILET

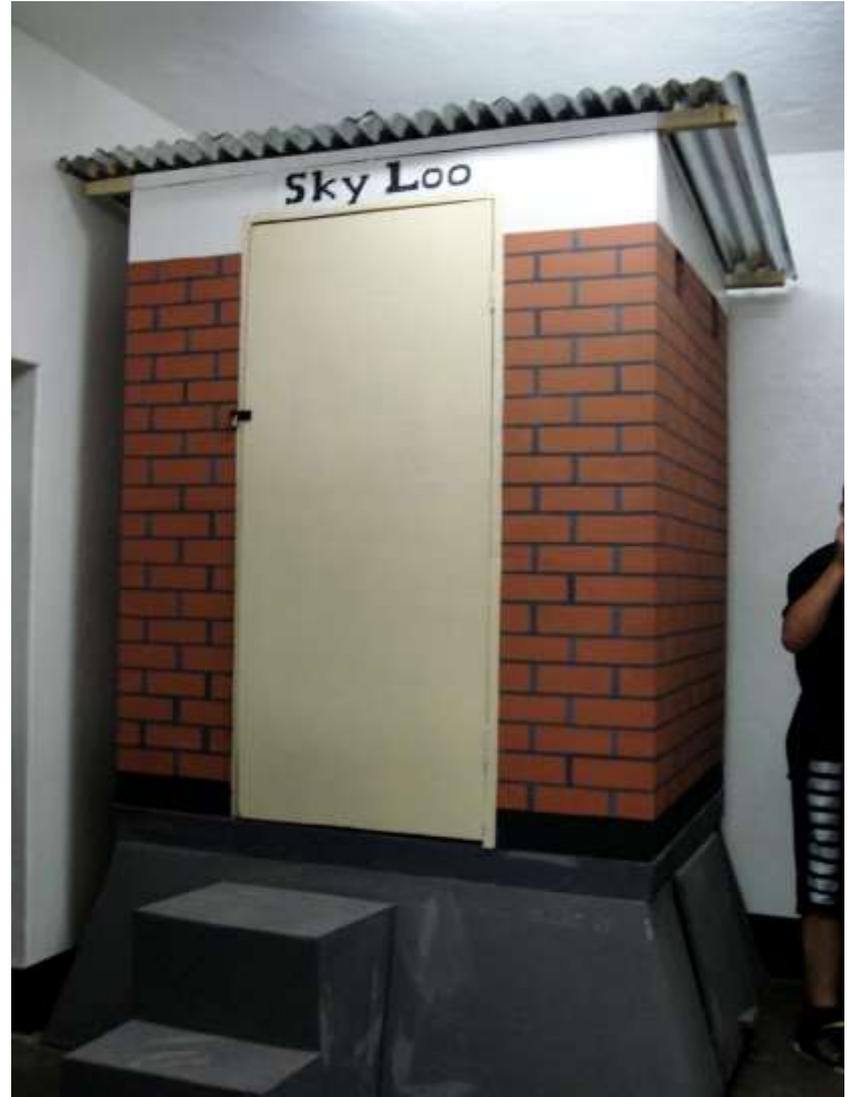


CHIMBUDZI CHOLIPIRITSA
K20





TEECs – Assist Large-scale Entrepreneurs





Global Africa Central America India South America

Sign In Get Involved Language



Malawi

Overview



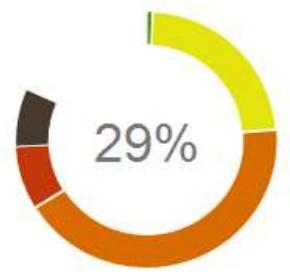
Video Report



Water Service

Everyone

Water Points=760



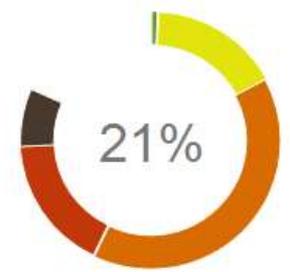
- High Level of Service
- Intermediate Level of Service
- Basic Level of Service
- Inadequate Level of Service
- No Improved System

[View Metrics](#)

Water Sustainability

Forever

Water Points=760



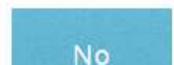
- Highly Likely to be Sustainable
- Likely to be Sustainable
- Somewhat Likely to be Sustainable
- Unlikely to be Sustainable
- No Improved System

[View Metrics](#)

Partnership Readiness to Address Water Challenges

Everyone

The average score from the activities that support our



Forever

The average score from the activities that support our Forever



Status - Malawi

In October of 2012, Water For People held its first reflection session, bringing together partners from the government, local water utility, civil society and the private sector. Together, staff and partners reflected on the data of the past years and discussed the goals of the program, its successes and challenges, and priorities for the years ahead to ensure Everyone in Blantyre and Chikhwawa has access to water and sanitation, Forever.

PLEASE NOTE: The Chikhwawa data reflected in the video is based on a past scoring metric that was still in use at the time of filming. The data reflected on the platform is the most current data based on Water For People's new scoring metric initiated at the beginning of 2013.

Modified: Apr 12, 2013 4:43 PM MDT



[Tweets about "#Malawief OR #Chikhwawief OR #BlantyreEF"](#)

<http://watermapmonitordev.appspot.com/>

water for people

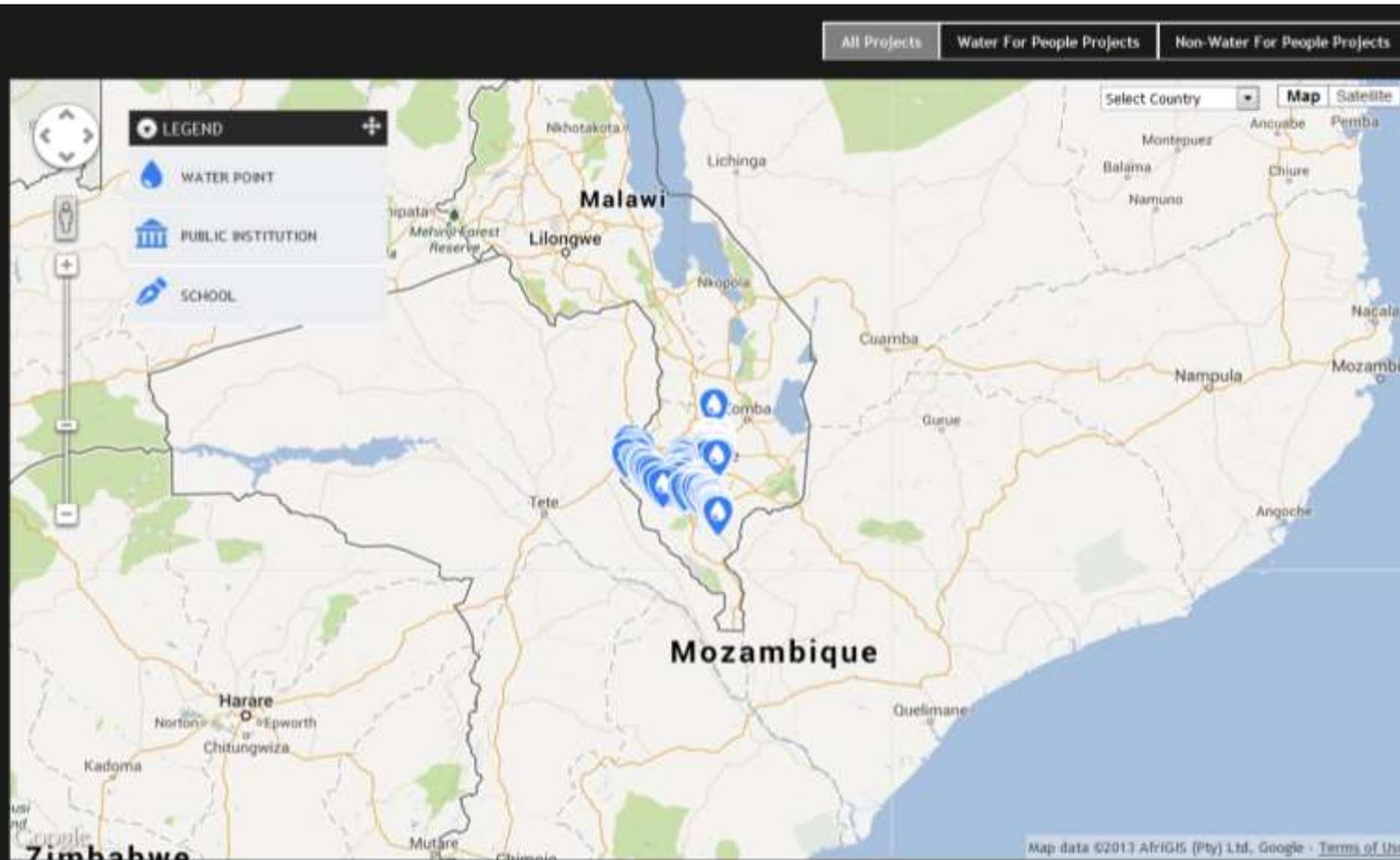
flow BETA
field level operations watch

Overview Country

Millions of dollars are wasted every year on tens of thousands of water systems around the world that leak, become abandoned and prove to be unsustainable. And every day, women and children in developing countries are cruelly reminded of the short-lived hope of clean water when they pass by broken hand pumps or capped wells in their villages, forcing them to again rely on unsafe water sources.

Monitoring and evaluation is essential to fully understanding the progress of work, and implementing proactive changes that reduce development time and improve success. That is why we developed FLOW, Field Level Operations Watch.

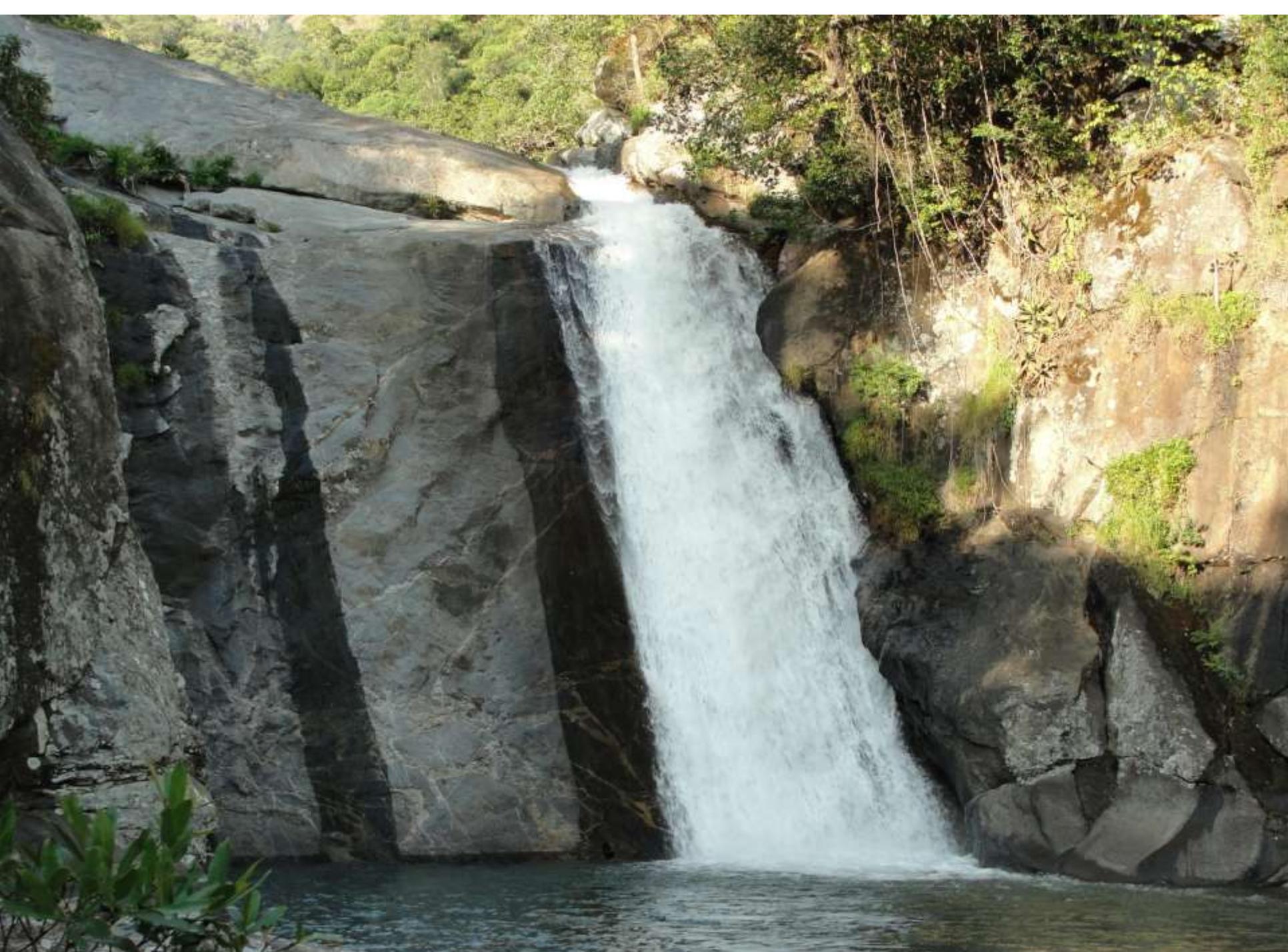
Using Android cell phones, combined with GPS and Google Earth software, FLOW gives community members, partners, volunteers, and others the ability to record data from tens of thousands of water points around the world: location, service status, images, and other information. This data is then displayed online to signal whether a project is up and running, broken, or on the verge of disrepair and requiring maintenance.



Holiday

Mt. Mulanje





Holiday





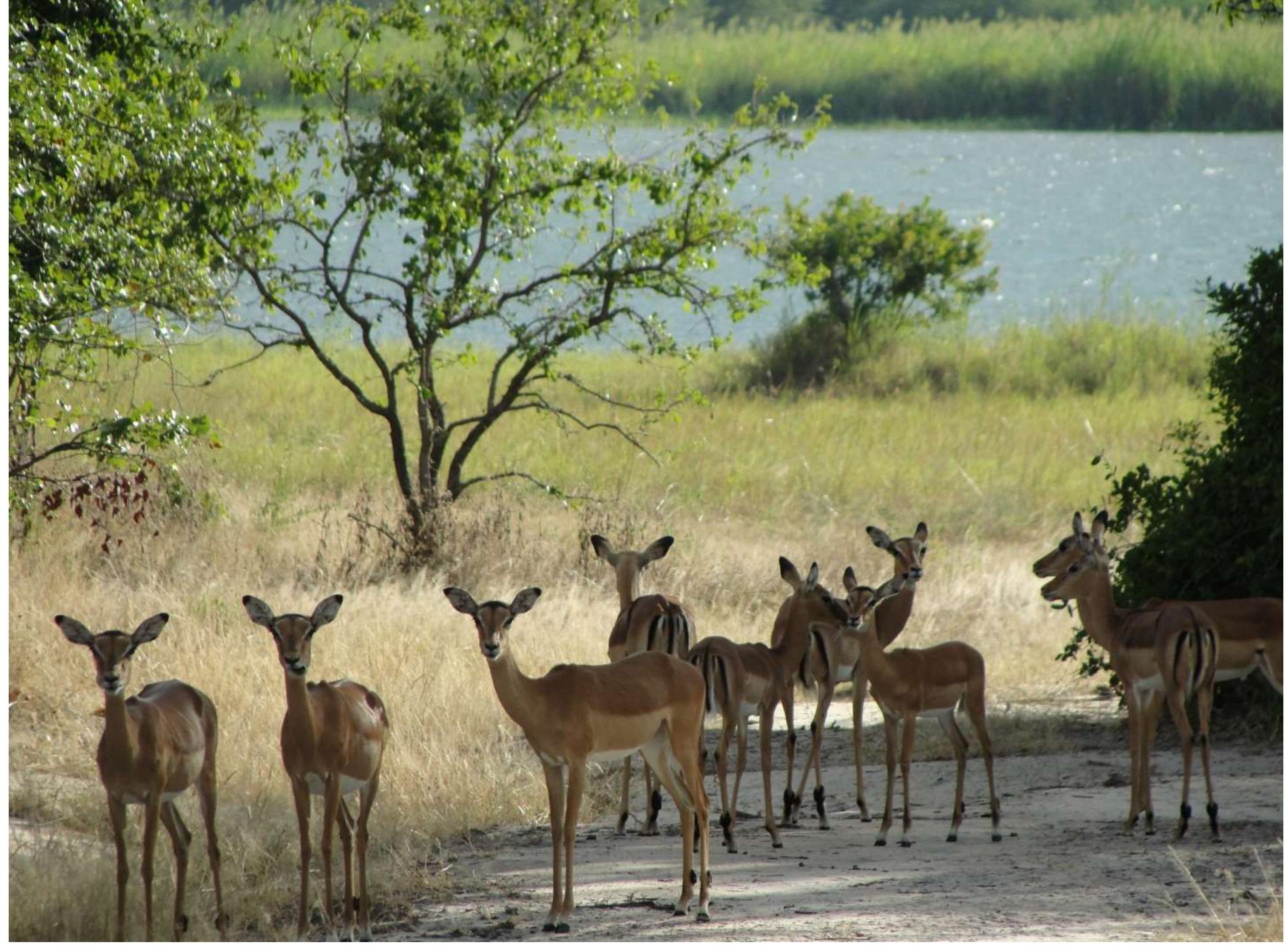


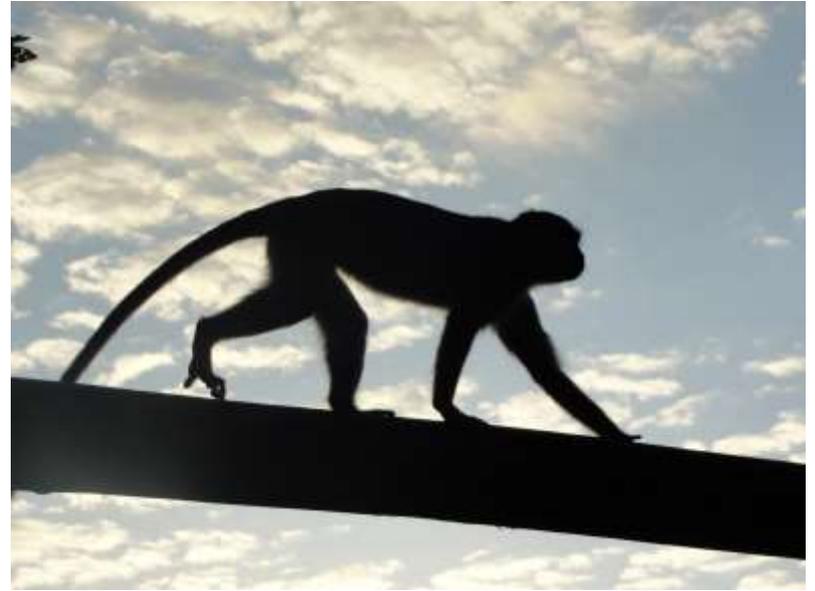
Liwonde National Park

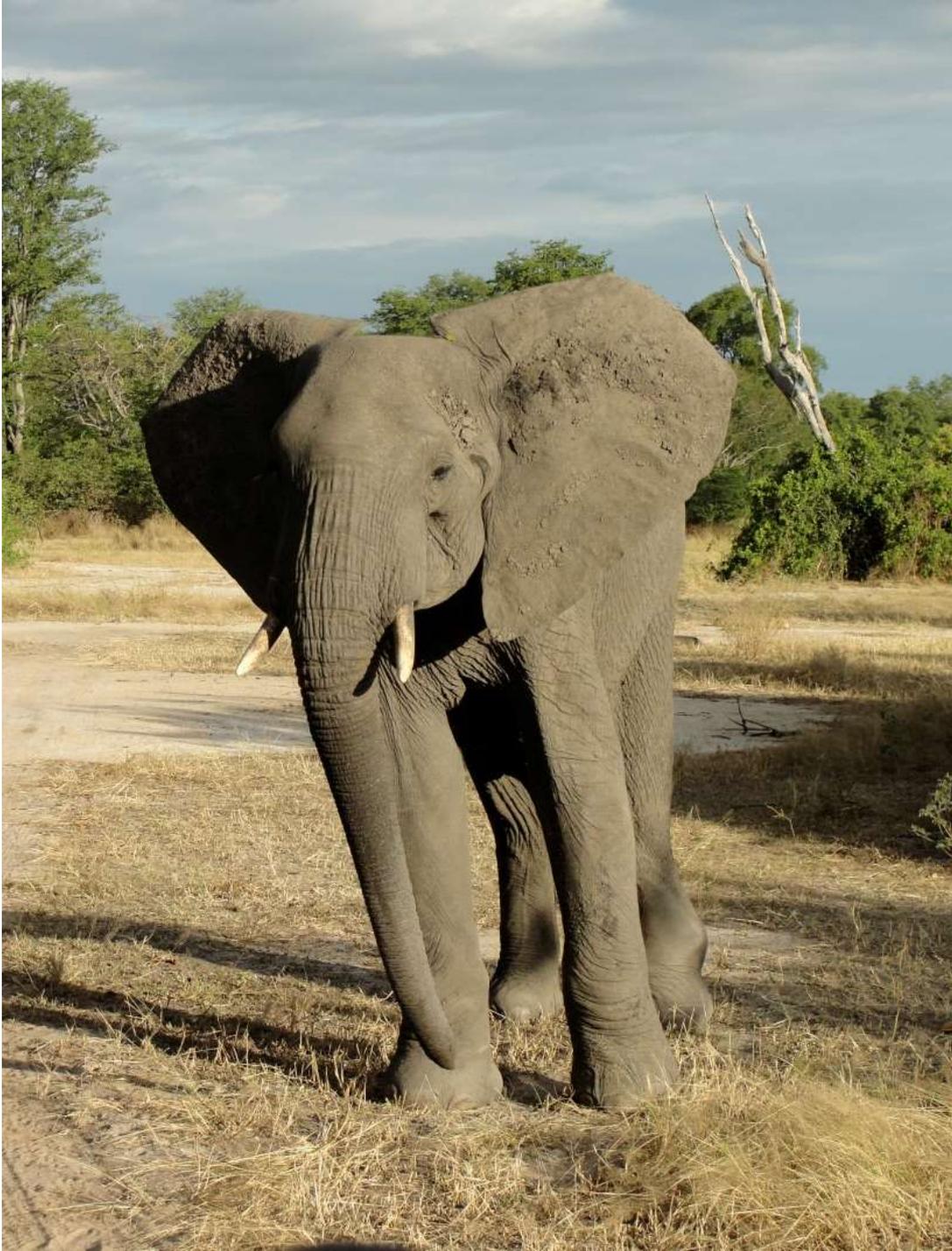














Sausage Tree







Traditional Healer

Cape Maclear



Mumbo Island











Thanks for coming! Zikomo Kwamberi!