The Rift Valley in Kenya: a case for action
Rich cultural heritage, vibrant tourism industry and an abundance of fertile land

YET, half of the 43 million people in Kenya, only have access to contaminated drinking water

50% of the population lives below the poverty line in Kenya as compared to 15% in the US

The life expectancy in Kenya is 57 years old as compared to 79 in the US
Rift Valley

- Life expectancy is even lower at an average of 40-45 years old
- Population density 55 sq/mile VS Philadelphia 11,233 sq/mile
- High school enrollment rate of 32% VS Philadelphia 61%
- Numerous extinct volcanoes and mountains
- Very fertile soil
- Mild temperatures
Katumoi

- The town has a population of 4600 people as well as 45,000 livestock
- The region has a history of droughts that took place in 1969, 1975 and 1999 to present
- Demand relief and aid from US and relief agencies
Economy

- Heavily agricultural region - tea, coffee, wheat, corn etc.
- Farming that is done is subsistence farming
- Lack of accessibility to a food supply or other surrounding resources
- Limited infrastructure
Problems being faced/ potential problems

- Drinking water scarcity
- Contaminated water and water borne diseases such as typhoid fever, cholera and dysentery
- Sanitation and hygiene is a problem as many drink from and bathe in the same water as their animals
- Can’t take care of livestock, (no water- no grass to graze on), no meat protein or access to milk
- Heavily agricultural region needs water to survive-weak economy
- There is no system in place to ration the water
- What kind of training will be needed to maintain the water distribution system
- How do you deal with waste water run-off
- What are the implications for the people downstream from this particular town
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Keiyo Soy Ministries is an organization set up with the goal of improving the quality of life of the people of the Rift Valley. In this effort they have proposed a possible solution to one of the many problems faced. They propose that the most appropriate water distribution system is one that is gravity based, thereby reducing water scarcity, while using the regions natural mountaneous terrain.

http://www.ksmministries.com
Walk for life

- Saturday March 23rd 2013
- An initiative set up by Keiyo Soy Ministries to raise funds for the project in Katumoi town

http://www.youtube.com/watch?v=J2E_DCO25c