Requirements

- Material must withstand dramatic changes in temperature
- Must collect the most water possible, have enough water to last them through the dry months
- Make the Kenyan community aware of how this works
- Cheap, less than $1 per meter
- Must be easy to design and replicate

General Information of Kenya

- Receives less than 31 inches of water per year
- 70% of Kenyan Population is rural
- The typical household consist of a large family unit, with it being possible to have several generations under a single roof

Idea

- V-shaped channels seem to be the most economical choice
- A Circular shaped channel would also be a good choice
- Another idea is to make a common area in the ground where water can be collected for the entire community to use

Questions

- What are they typical shapes of houses in Kenya?
- What is the shape of the roof? Is tilted or flat?

Source

www.amshafrica.com
www.everyculture.com/Ja-Ma/Kenya.html#ixzz2K7vMzT1h