

Climate Information Prize Winner

'Drink-able solutions' - to predict and harvest rainfall



Prize:

Wazo Prize

Award date:

April 2016

Target area:

**South of Malaba in
Western Province**

Interested in partnering?
Contact:

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The idea is based on a means of recording wind direction change which precedes heavy rainfall, coupled with rainwater harvesting via an L-shaped design of corrugated sheet metal roof. Weather prediction is based around the concept of an anemometer and roof mounted vane which relay the information by means of an illuminated display and alarm. The idea will benefit the communities in the poorest rural areas of Western Province by predicting the periods of heavy rainfall brought about by the effects of El Niño and climate change and providing a solution for gathering and storing water for drinking and domestic use in remote places where there is currently no access to fresh drinking water.

It will be particularly beneficial where rainfall occurs at times outside of the traditional rainy season, giving potential to harness clean water for daily use throughout the year and encouraging communities to become self sustaining and independent.

About the Climate Information Prize (CIP)

CIP awards cash prizes to incentivise the development of innovative solutions and make climate information more accessible and useable for vulnerable individuals, households and communities. CIP is funded by UK Aid and works in partnership with the Kenya Meteorological Department.

Find out more on www.climateinformationprize.org or follow us on Twitter @CIPrize