

## SCRIPT MWANGA BORA KENYA

(c) 2010, Ruud Elmendorp  
Video Journalist Africa  
<http://videojournalist.nl>  
ruud.elmendorp@videojournalist.nl  
+254 736 746 312

## PRESENTATION

It's sparking a trail of solar power of light across rural Kenya.  
The solar lantern as invented by the Kenyan Evans Wadongo.  
He started the lanterns as an experiment when at university, and now six years later has distributed 12,000 of them, and he says it's only the beginning.

BETA LENGTH 3'34"

OPENING SHOT: two men cultivating land

SHOT: Evans Wadongo medium standing in rural area

QUOTE EVANS WADONGO, inventor Mwanga Bora, (10 secs, English)

***I wanted to provide a kind of light that is clean, and affordable to the rural folks.  
That's what motivated me to come up with the lamp.***

VOICE OVER, 7 secs

This is Evans Wadongo from Western Kenya.

He is 24-years old, and the inventor of this hand made solar lantern.

SOUNDBITE SWITCHING ON LIGHT

VOICE OVER, 15 secs

Evans has been distributing these lamps across rural Kenya, where there is no electricity, and people use kerosene lanterns to light their houses.

He invented his version because as a boy he was much troubled by the traditional model, and he knew there was a better way.

QUOTE EVANS WADONGO, inventor Mwanga Bora, (6 secs, English)

***It affected my eyes because of the smoke, and I could not study well when at home.***

In Evans' office in the Kenyan capital Nairobi the lamps are assembled.

Each one consists of three key elements.

Eight Light Emitting Diodes mounted on a carton board.

A small second hand solar panel, and a rechargeable battery.

The shell is made from scrap metal.

Kennedy Juma is one of the 20 technicians who are working for Evans.

He just finished a lantern, and is doing the final testing to ensure it will meet the company's technical specifications.

SOUNDBITE SWITCHING ON LAMP

SHOT:

- Kennedy standing with a Mwanga Bora in his hand

QUOTE KENNEDY JUMA, technician Mwanga Bora, (5 secs, English)

***- How long does it last?***

***4 hours and 20 minutes.***

***- How many hours to charge it?***

***Around 5 hours.***

VOICE OVER, 12 secs

Making one lantern costs about 20 USD. But with donations from individuals and organizations Evans offers them for free to rural communities, like this one in remote Western Kenya.

SOUNDBITE SWITCHING ON LAMP

They're happy to receive these cost reducing lanterns.

The money saved is invested in small businesses.

QUOTE EUNICE MTESA, (9 secs, English)

***The first project is poultry keeping, and we intend to buy a car for milk.***

SOUNDBITE EVANS WADONGO, (4 secs, Kiswahili)

***You switch it off and put in the sun,  
and at night you switch it on like this.***

SHOT:

- man holding and staring into burning solar lantern in the dark

QUOTE RAYMOND UMUSI, villager, (6 secs, Kiswahili)

***We'll not have to buy kerosene anymore.***

***This lamp is very good.***

VOICE OVER, 17 secs

It saves the villagers a lot, because kerosene costs 50 cents daily on a budget of 2 Dollars. Also the lanterns don't give off any irritating kerosene smoke.

Robert, a nine years old villager, now does his home work without being disturbed.

QUOTE ROBERT BURUDI, 9 years, (6 secs, Kiswahili)

***Even if you want to cook it goes in your eyes.***

***This one is good because it doesn't give smoke.***

VOICE OVER, 8 secs

Evans truly believed he could build a better lantern.

Evans had his moment of inspiration a few years ago.

SHOT:

- Evans holding burning solar lantern, kerosene lamp in the background

QUOTE EVANS WADONGO, (20 secs, English)

***I was playing with Light Emitting Diodes just trying to make some lights like for Christmas. The one that go on and off.***

***While I was at university, and that's how I thought that if these LEDs are lighting.***

***I can use the same to make a solar lantern.***

VOICE OVER, 16 secs

He used money from his college loan to build the first models. By selling them to family and friends he gathered some working capital to start producing the lamps.

Now six years later Evans has distributed 12,000 of them, but he wants to do more.

QUOTE EVANS WADONGO, ( secs, English)

I am very pleased with the success so far, but I really want to do more.

I want to reach out to as many households possible.

***Because it's a small percentage of the population we covered so far.***

FINAL SHOT: Evans with community