



Rwanda United Kingdom Goodwill Organisation is devoted to the advancement of education and training of the people of Rwanda and the relief of poverty and distress through the provision of support for community based projects, designed to improve the conditions of those in necessitous circumstances.



Karambi Solar Energy Grannies Project



KARAMBI VILLAGE

- ✗ Rwandan rural village with 110 Houses & no electricity
- ✗ Half of the Villagers are widows of the genocide, the other half are vulnerable people including child headed households
- ✗ It is dark from 6pm to 6am every day :
 - + A few people own Kerosene lamps but they are expensive & dangerous
 - + Lights would allow adults to work in the evening - developing the local economy
 - + Lights would allow study at night hugely improving educational standards
 - + Going out in the evening is difficult & dangerous
 - + Family and village life would be greatly improved



WHAT HAS RUGO DONE?

- ✕ Provided funding for each house:
 - + Solar panel on roof
 - + Solar-powered light
 - + Solar-powered portable lantern
 - + Solar-powered charging point for a mobile phone
 - + A Village Workshop



WHO DID WE WORK WITH?

Pioneers of solar electrification in poor, rural, remote & non-electrified villages, since 1989

barefoot college 



Enabling the meeting of basic needs for survivors of sexual and gender-based violence; recognizing that women and children bore the brunt of the genocide



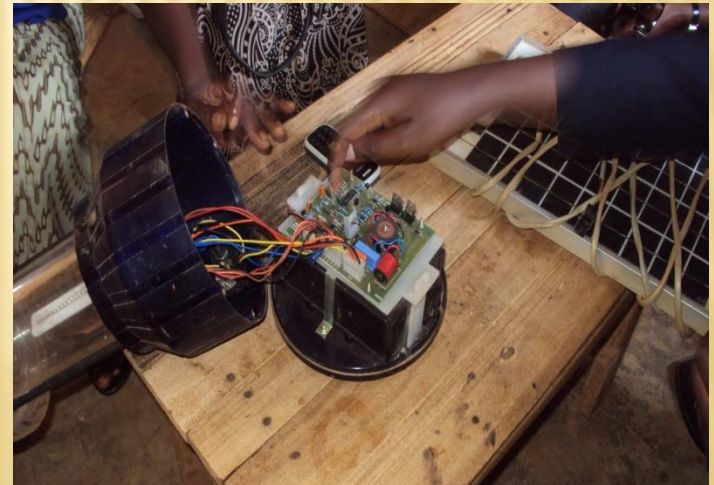
HOW MUCH DID IT COST?

- ✘ Total Cost approx. £30,000 for Workshop and Equipment for 110 houses at £250 per house.
- ✘ Indian Govt. pay for travel, accommodation & training at Barefoot College
- ✘ Surveying was done by ESRI Rwanda Ltd.
- ✘ On-going costs are paid for by villagers from savings of 'Kerosene costs'



HOW DID IT WORK?

- ✘ The Grannies are selected by Villagers and Barefoot College
- ✘ Training of the Grannies took place at Barefoot College in India for 6 months
- ✘ A Workshop was built and when the Equipment arrived, the Grannies installed the solar panels and equipment
- ✘ Villagers now pay the Grannies for maintenance and any equipment renewal.



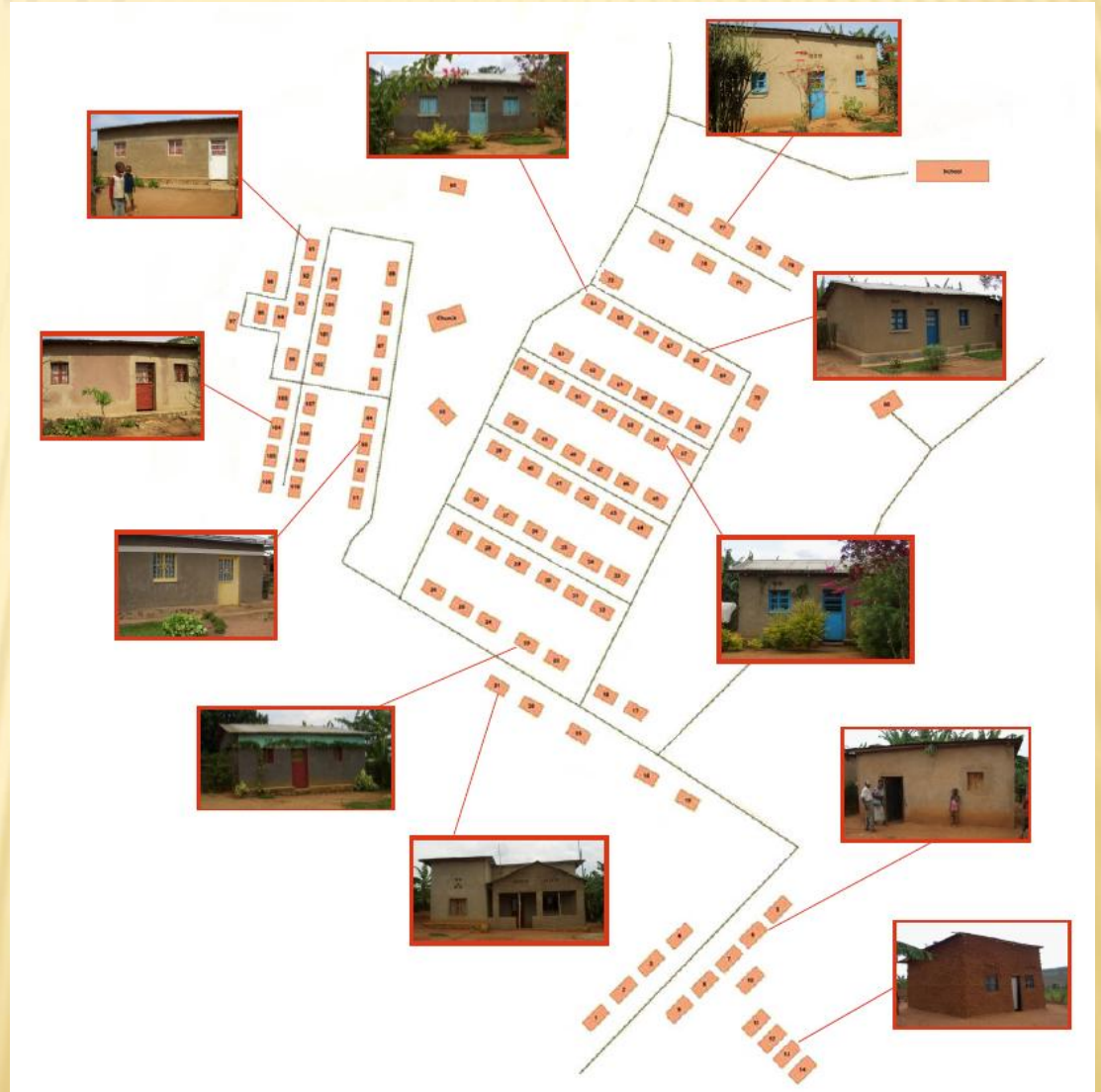
HOW IT HAPPENED

Four “Grannies” Claudine(48), Cecile(48), Odette(50) and Dative(49) were selected by Villagers, Barefoot College & Rwanda Women’s Network



HOW IT HAPPENED

Karambi
Village was
surveyed and
the equipment
specified and
ordered



HOW IT HAPPENED

The “Solar Grannies” left for Barefoot College in Tilonia, Northern India on 21st March 2011



HOW IT HAPPENED

The Grannies spent 6 months being trained
returning in October 2011



HOW IT HAPPENED

The Equipment arrived in Rwanda in September 2013 and was stored nearby in Nyamata



HOW IT HAPPENED

The Workshop for Assembly and Maintenance was built but was delayed with bad weather.....



HOW IT HAPPENED



..... So, while waiting, a pilot exercise was undertaken to install 2 houses in Karambi



HOW IT HAPPENED

The
remaining
108 Houses
were
completed in
November
2013



VISIT BY RUGO IN JANUARY 2014

The Solar Grannies and Villagers welcomed RUGO and proudly showed their work!!



WHAT NEXT FOR KARAMBI?

- ✘ Day to day management and maintenance of the equipment is undertaken by the "solar grannies" using the purpose built workshop.
- ✘ The ladies are paid a monthly sum by each household, funded by the savings in kerosene, making the project totally sustainable.
- ✘ The “solar grannies” want to teach other ladies in Rwandan villages to install and maintain solar power for their villages



WHAT NEXT FOR RUGO?

- ✘ To use this successful project as a template for future initiatives.
- ✘ RUGO having identified two further similar villages in Rwanda without electricity
- ✘ Utilise the “solar grannies” and the workshop to train other ladies in those villages to install and maintain solar power for their villages
- ✘ This means raising funds for equipment for 2 villages – approx. £60,000



PLEASE GIVE GENEROUSLY!!!



- ✘ All proceeds from today buys equipment
- ✘ Contact Steve or Linda Wells to help raise money



RUGO