



Winner of the Product Category 2007

Fredrick Ouko

Project

Simple Solar Assembling Project in Kibera Slum, Kenya

Simple solar panels assembled in the Kibera Slum provide jobs and clean energy in Kenya.



Project description

This project involves assembling simple solar photovoltaic (PV) panels in the Kibera Slum in Kenya, one of the largest slums in Sub-Saharan Africa. It is an initiative of Kibera Community Youth Program (KCYP), which provides young people from the informal settlement with employment opportunities. The youth assemble small and affordable solar panels, which are then used by the inhabitants of the slum as tools for tapping clean energy to power radios and to charge mobile phones. To date, about 20 youth in the Kibera Slum, and numerous people around Kenya and surrounding countries, have benefited directly from this program for manufacturing small-scale solar PV panels.

This project offers great potential for enabling communities to reduce their environmentally harmful waste. It allows consumers to utilize renewable energy instead of batteries, which are harmful to the environment when disposed of incorrectly.

Due to being assembled locally, the solar PV panels are affordable for low-income earners, who are heavily dependent on radios to access news in the rural areas of the country. So, even though the project is located in the Kibera Slum, the solar panels made there have been sold to all parts of Kenya. Sales have even been made to neighboring countries, where groups have requested training to undertake similar projects in their local areas.



Project contact details

Fredrick Ouko
Director
Kibera Community Youth Programme (KCYP)
PO Box 5837 – 00200
Nairobi, Kenya
Phone +254 720 786218
Fax +254 020 570088
info@kcyp.net
kcyp2000@yahoo.com
www.kcyp.net

