

**Project Developer**  
VAC Solar UK



VAC Solar is a UK start up that aims to commercialize solar generation for the poorest households in off-grid rural communities.



**Total Project Budget**  
EUR 3 478 000

**EEP Africa Financing**  
EUR 977 000

**Project Partner**

United Healthcare Distributors, Mobile Power UK, Medical Teams International, Aptech ltd, Quality Medicines for All, Airtel Uganda

**Type**

Replication project  
Stand-alone

**Project Code**  
UGA14118



**Sector**  
Solar PV

**Location**  
Uganda



## COMMUNITY SOLAR HUBS

This project will bring solar power to 100 poor, off-grid communities in the West Nile region of Uganda through a Community Solar Hub (CSH) model. Electricity is generated at the CSH and distributed to local households and small businesses through a smart battery PAYG system using mobile money. The CSH can charge 300 batteries daily, with sufficient capacity to power basic appliances and low voltage machinery. The project empowers women by enabling them to establish a credit record and start a micro-business with surplus battery capacity. The CSH will serve as a business hub and provide secure power to local healthcare providers. EEP Africa financing is needed to roll out the project.



### Outcome and Impact

The project's core aim is to support inclusive socio-economic development amongst the poorest quarter of the Ugandan population (10+ million people). Through the Community Solar Hub model, the project will provide access to clean solar energy in 100 communities, and enable 20,000 women to create micro-businesses and engage in productive economic activity. By locating the CSH alongside local health centres and partnering with health companies, the project will enable e-health diagnostic and treatment devices to be used in these communities. The project will improve rural health and financial inclusion, while reducing CO<sub>2</sub>e emissions by an estimated 3,300 tonnes annually.

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