



Donor

Dutch Relief Alliance



Period

Jan 2021 to Mar 2022



Targeted District

Kikuube



Total Budget

\$99,098



Partners

Kabarole Research & Resource Centre, and African Clean Energy



CMP

CARE Netherlands



SDG



The Central Problem

The cooking energy sector in Uganda is dominated by unprocessed biomass, followed by charcoal. The share of cooking fuels among the population in Uganda includes:

Unprocessed biomass (85%), Charcoal (13%), Kerosene (0.5%) and LPG (<0.5%) [World Bank, 2019].

There is an emerging deficit on cooking energy sources prompting Clean Energy alternatives for cooking and lighting. The energy source deficit has continued to exert pressure on natural resources especially Bugoma forest and neighboring host communities in Kyangwali. This has worsened with the arrival of new persons of concern from DRC whose livelihoods are dependant on the already depleted sources which needs redress.

The **Promoting of Solar Powered Energy Efficient Cook Stoves Project** is purposed to bridge the gap in pursuit for a reduced prevalence of Energy Poverty for both host communities and refugees.

Solution Statement

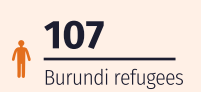
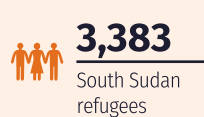
CARE International in Uganda is implementing an innovative project: Promoting Solar Powered Energy Efficient Stoves in Kyangwali Refugee Settlement (PROSPERS) that seeks to promote accessibility to quality and affordable clean energy solutions to refugees and host communities with special attention to women and girls.

The project is addressing the two global challenges of climate change and the refugee crisis that are woven together. Climate-related disasters have a disproportionately negative impact

on the world's poor and marginalised people and are a significant and increasing driver of humanitarian displacement. Climate impacts and displacement are drastically changing natural resource use patterns, and negative 'degradation - vulnerability cycles' are emerging. For example, in Uganda, the large influx of refugees is causing massive degradation of natural resources including deforestation.

The refugees and host community largely depend on fuel wood for cooking with limited intervention on energy efficiency. PROSPERS is purposed to improve accessibility for refugees and host communities (in particular women) to quality and affordable clean energy solutions & maintenance.

Kyangwali Refugee Settlement in Kikuube District continues to receive and host refugees mainly coming from surrounding Districts





Project Data

Outcome 1

We envision increased access to and adoption of solar-biomass hybrid improved cook stoves among **700** refugees and host community households in Kikuube by 2021

Outcome 2

We also envision increased adoption of briquette as alternative source of fuel among **700** refugees and host community households in Kikuube by 2021

Partners & Donors

The project is funded by Dutch Relief Alliance through CARE Netherland and is implemented by CARE Uganda, KRC and ACE

CARE International in Uganda

Spearheads the gender component, advocacy, and the overall coordination of the partnership

Kabarole Research & Resource Centre (KRC)

Implements the briquette model working through groups as entry point to the community for briquette making and marketing; and enrollment of beneficiaries for the ACE one stove package and spearheading the Action Research

African Clean Energy (ACE):

Promotes the ACE one stoves

Intervention Approaches

Activities are implemented at community and catchment levels through a group led approach where beneficiaries are reached through their groups for both enrollment for ACE one Clean Cook Stoves as well as Briquette's production machines to ease and facilitate smooth implementation.

The Credit Model & User Referral Bonus

PROSPERS promotes access to ACE one stove manufactured by African Clean Energy through a credit model with installments payable in 18 months.

The project employs the User Referral Bonus (URB) approach for clients reduces amounts payable per month for up to 9 months /installments which is a motivation to recruit more clients through referrals

Innovations

The ACE Package: - The ACE clean energy innovation package includes the ACE One stove, 4G Android smartphone with a pre-installed ACE Connect app which enables customers to manage their loan repayments, and contact customer services directly; solar panel and lamp. The ACE one stove innovation is promoted alongside the briquette model enriched with action research and gender inclusion

Achievements

Responded to the refugees and host communities cooking energy needs through embracing an adoptive COVID-19 management approach.

Built Capacity of 10 groups on COVID-19 response while enrolling the group members to the User Referral Bonus (URB) approach to ensure persons of concern and host communities prepare meals using ACE one clean cook stoves

Procured 10 briquettes production machines to ensure VSLA's and individuals remain financially resilient through running and sustaining stable income

generation during the COVID-19 when most Small and Medium Enterprises were struggling to survive

Distributed 403 ACE one stoves, to ease preparation of meals for persons of concern and host community households during the COVID-19 pandemic

Created awareness on COVID-19 through conducting 3 Radio talk shows as well as disseminated information on clean energy adoption. Emphasis was also placed on protecting environment through embracing clean cooking options for domestic use and business

Participant Quote

"We were walking between 7 to 10 Km in search for firewood for cooking. Since I started using briquettes, I feel relieved" Mama Shaban, a member of Weka Hakiba group.

