



IMPROVED COOKSTOVES PROGRAM FOR ZAMBIA

C-Quest Capital, with the NGO Community Markets for Development (COMACO) as local partner and Total Land Care Green (TLCG)

PROJECT SNAPSHOT

In the early 2000s, 88% of rural households in Zambia – 1.2 million households in total - were using wood fuel as their main energy source for cooking, heating the pots on open fires. The use of these non-efficient practices has significant health impacts. WHO attributes 40% of all childhood pneumonia globally to exposure to smoke from fires in homes. Most of the annual deaths related to smoke inhalation – 1.5 million each year – are women and children in low-income countries.

The objective of the Efficient Cook Stoves Programme of Activities (PoA), led by C-Quest Capital, has been to install up to 80,000 efficient cooking stoves for rural households in Zambia through its local partner COMACO. The PoA was supported by an upfront payment by the Foundation. The stoves are mainly made out of local materials and are assembled by the users themselves under instruction of the project partners.

Utilization of these more efficient stoves significantly reduces firewood consumption and, hence, deforestation or land degradation. They also improve the overall health situation in the communities due to reduced smoke and allow women and girls to spend more time for family care, farming and education instead of gathering firewood.

The PoA makes a strong contribution to the climate policy framework in Zambia, because it relates directly to the NDC target of promoting improved cooking devices including improved biomass stoves. The programme holds a significant potential for upscaling in Zambia and other African countries.

KEY FACTS AND ACHIEVEMENTS

- Registered as PoA at UNFCCC in 7/2012
- Distribution of 70,000 cookstoves by 2018
- Significant scaling-up potential to 110,000 more households
- 414,000 CERs issued since project start
- 210,000 CERs retired on behalf of the Foundation
- Substantial co-benefits



COBENEFITS AND CONTRIBUTION TO SDGs

<p>3 GOOD HEALTH AND WELL-BEING</p>  <p>Reduction of indoor pollution due to firewood and fossil fuels use for cooking, reducing negative effects on health, especially for women and children</p> <p>Women noted very low amount of smoke</p>	<p>13 CLIMATE ACTION</p>  <p>Reduced deforestation and forest degradation in areas where non-renewable biomass is used as a source of fuel.</p> <p>Women users report reduction of wood use by factor of 2-3</p>	<p>3 GOOD HEALTH AND WELL-BEING</p>  <p>Reduced risk exposure due to less need for fuelwood collection in areas with wild animals</p> <p>Women interviewed in villages close to a national park report a reduced risk of wild animal attacks</p>	<p>4 QUALITY EDUCATION 5 GENDER EQUALITY</p>   <p>Increased time for women (traditionally in charge of cooking) for more productive activities or education</p> <p>All women interviewed report a decrease in time spent for fuelwood collection</p>
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