



Project Developer
African Clean Energy
(ACE)

ACE is a Dutch-South African social enterprise that produces and distributes solar-biomass hybrid cookstoves in developing countries.



Total Project Budget
EUR 895 931

EEP Africa Financing
EUR 499 457

Project Partners
Aflex Technologies,
Signify, TNO

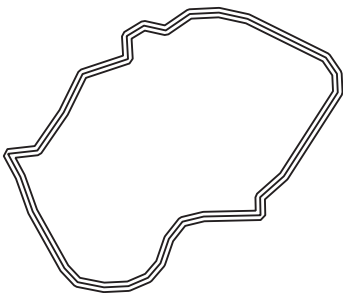
Type
Pilot project
Stand-alone

Project Code
LES14200



Sector
Cookstoves

Location
Lesotho



CREDIT-BASED ENERGY ACCESS THROUGH SMART TECH

This project will launch a new pay-as-you-go (PAYG) cooking solution in Lesotho. The new ACE 1 cookstove has a built-in microprocessor, allowing it to communicate with smartphones, and it will be sold in a bundle with phones that have the ACE app pre-installed. The company is building a network of 25 shops across Lesotho to increase access to energy products in off-grid areas and is offering customer discounts on sustainable fuel pellets based on their payment history and credit rating. The goal is to galvanise the clean fuel sector and create long-term demand. With EEP Africa financing, ACE will roll out the first 2,500 cookstove bundles within this network of energy hubs.

Outcome and Impact

The project will increase clean energy access and bring the benefits of smartphones to 2,500 households, reaching an estimated 12,500 people. This project will produce strong development impact through improving household health and income, creating 22 new permanent jobs and reducing 14,332 tonnes CO₂e emissions.

