



# Dutch Good Growth Fund

## Part of DGGF

Investing Dutch SME's executed by RVO.nl.

## Title

Cambodia - Optimisation of the supply chain of solar/ biomass household energy systems / DGGFST191

## Company

African Clean Energy B.V.

## Country

Cambodia

## Sector

Clean energy

## Amount of the investment

EUR 600.000 - loan

## Period

02 August 2019 – 30 August 2024

## Involved parties

n.a.

## Short description

With a Starter Loan from DGGF, African Clean Energy B.V. (ACE) is enabled to optimize and increase the production and sale of solar/biomass energy systems. Thanks to the loan from DGGF, ACE can improve its logistics efficiency by starting the supplies consolidation centre in Vietnam and generate impact. In addition, the company will start an assembly plant in Cambodia and perhaps also in Uganda, which may increase production.

The project will contribute to the Sustainable Development Goals (SDG's): 1 ( - 7 (affordable and clean energy) - 8





## **Development impact**

### Employment

A total of 118 people currently work in Lesotho (80), Cambodia (30) and 8 in Uganda. 67 of the 118 are women and 30 are senior level, among them 13 women. In the course of the project, this number will increase to total 350 employees including 200 women. 55 will work at senior level are, including 30 women. All jobs are fixed term employees, work there no temporary or seasonal workers.

### Indirecte werkgelegenheid

ACE estimates that they are already creating work for 53 people at suppliers and this will grow to 100 people in the next 5 years. ACE tries to source locally as much as possible.

### Transfer of knowledge

The staff is continuously trained (workshop or on-the-job), either in the field of assembly or in the field of sales and product knowledge. All customers (20,000 – 50,000), but also school teachers and suppliers are trained in the use of the ACE1. Themes are the negative effects of smoke exposure and how to reduce it by cooking with improved cookstoves; efficiency of fuel use; product knowledge; environmental effects and potential of solar energy. These trainings are given in groups in the different village communities. The effect of this project will therefore be much greater than the mere marketing of the ACE1.

### Production capacity

Thanks to the loan from DGGF, ACE can improve its logistics efficiency by starting the supplies consolidation centre in Vietnam. In addition, the company will start an assembly plant in Cambodia and in Uganda, which will allow production to increase. More sales shops will be set up in all countries. ACE sells more of a service than just the hybrid cookstove product.

## **IMVO**

This is a category B investment. A CSR action plan will be drafted, which is based upon the OECD and IFC performance standards, which aims to reduce the risk of non-compliance with these standards.