



CLEAN CAPTIVE INSTALLATIONS FOR INDUSTRIAL CLIENTS IN SUB- SAHARA AFRICA

As of: October 2021

In sub-Saharan Africa, the manufacturing sector is often faced with the challenge of securing a cheap and reliable source of electricity. Backup diesel generators are in widespread use. This project is trialling business models for renewables for industrial clients. Renewable energy sources that can replace fossil backup systems operate independently of feed-in tariffs and are cheaper than owned fossil generation. As a result, they are beneficial to manufacturers and utility companies alike. The project is using pilot installations to demonstrate the economic viability of these systems. In each target country, the project supports companies in their efforts to develop renewable energy projects at industrial sites and introduces replicable business models. Figures for plant power generation are published so as to increase transparency while reducing assumptions about investment risks. Business models are fully documented and toolkits are provided to encourage take-up by other companies.

State of implementation/results

- In 2019, preparatory missions to the target countries took place.
- The project has presented a country study on Clean Captive Installations in Kenya.
[www.captiverenewables-africa.org/...](http://www.captiverenewables-africa.org/)
- In 2020, the call for proposals for pilot projects that have innovative business models and are replicable and scalable was started. Pilot projects can receive a result-based grant. The selection of the renewable energy projects is scheduled for January 2022.

PROJECT DATA

Country/Countries:

Ghana, Kenya, Nigeria, Südafrika

Implementing organisation:

United Nations Environment Programme (UN Environment)

Political partner(s):

- Department of Trade and Industry (DTI) - South Africa
- Federal Ministry of Environment - Nigeria
- Ministry of Energy - Ghana
- Ministry of Energy and Petroleum, Directorate for Renewable Energy - Kenya
- Ministry of Environment, Science, Technology and Innovation (MESTI) - Ghana
- Ministry of Environment and Forestry - Kenya
- South African National Energy Development Institute (SANEDI)

Implementing partner(s):

- Frankfurt School of Finance & Management gGmbH

BMU grant:

€ 3,489,949

Duration:

04/2019 till 03/2023

Website(s):

<http://www.captiverenewables-africa.org>

