

Clean Captive Installations for Industrial Clients in Sub-Saharan Africa

Objectives

To demonstrate the financial viability of captive renewable energy on commercial sites, raise awareness among industrial players and prepare the ground for technology and business model leapfrogging in countries of the global south.

Activities

- Innovative finance structures can be applied to overcome potential financing bottlenecks.
- Appropriate sites and interesting industry sectors will be identified, and companies assisted in the development of concrete projects. ESCO structures could be used to avoid an increase of capital intensity.
- The performance of successfully implemented sites will be monitored and showcased. Lessons learnt will be shared enabling replication.

As such, the project will create a track record and mature the market for the captive installations.

Impacts

- The intervention will showcase business models attractive to private sector financiers, unlocking private sector finance for similar applications.
- Local skills developed can be applied to additional sites and sectors, and toolkits will be published.
- Created track record, independency from regulatory intervention and expected financial viability will reduce the barriers for replicability in other countries in the region.



Implemented in South Africa, Ghana, Nigeria, and Kenya

Project Details

Main Partner:

Department of Trade, Industry and Competition (DTIC) – 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)

Other Project Partner:

Frankfurt School of Finance & Management GmbH

Implementing Entity/Organisation:

United Nations Environment Programme (UN Environment)

Country:

Ghana, Kenya, Nigeria, South Africa

Duration:

01.04.2019 - 30.09.2023

Contact:

Tobias Panofen
T.Panofen@fs.de