



# Feasibility Study for the Off-Grid Retrofitting Program



## Client:

Agence Française de Développement (AFD)

## Location:

Mandera and Mfangano, Kenya

## Start Date:

December 2013

## Completion Date:

December 2014

## Key Services:

► Feasibility Study

ASD conducted a feasibility study for the off-grid retrofitting program of Agence Française de Développement (AFD). This study evaluated financial and technical needs, maximized the renewable energy penetration rate, and identified the energy access and energy efficiency for the program.

## OVERVIEW

The program consisted of 22 off-grid sites in Kenya in collaboration with the Ministry of Energy and Petroleum (MoEP), Kenya Power and Lighting Company (KPLC) and the Rural Electrification Authority (REA).

The feasibility study required a revision of the existing situation and an identification of gaps to propose areas that have to be completed by KPLC/REA. ASD then confirmed the scope of the retrofit program financed by AFD and proposed a packaging/phasing of the renewable hybridization of diesel stations under operation and construction. ASD then identified the type of the investments to be financed by AFD and identified the required support for supervision, design, technical assistance and capacity. To finalize, ASD then reviewed and confirmed implementation arrangements in close coordination with KPLC, REA and MoE.

## CONTACT

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