

Case Study

Solar Refrigeration for HIV/AIDS Programmes in Nigeria



Project Overview

Dulas was contracted by Family Health International (FHI-360) to supply, install and commission 54 Steca solar refrigerators across 15 states within Nigeria as part of a programme to combat HIV/AIDS, Tuberculosis and Malaria.

Working closely with FHI-360 and local partners Jaditech, Dulas' objective was to carry out the delivery and installation of solar refrigerator systems to equip local clinics and healthcare centres with the power and technology needed to support important immunisation programmes.

Dulas are distributors for Steca Elektronik GmbH, who manufacture energy-efficient solar refrigerators and freezers for laboratory use. These products extend the wide portfolio of WHO/PQS accredited solar direct drive and ILR refrigerators Dulas has to offer, providing more access to secure cold chain around the world.



Implementation

Dulas managed the project from delivery to commissioning and successfully installed 54 Steca solar refrigerator systems via their partners at clinics and healthcare centres across Nigeria. This included delivery to a number of logistically challenging 'red zones' - areas deemed inaccessible or dangerous due to political instability in the country; some sites required two visits or boat access to implement commissioning.

Dulas also managed the in-country co-ordination of Jaditech, which involved maintaining weekly reports, obtaining commissioning certificates, receiving photos of completed installations and problem-solving. The solar refrigerator systems were subsequently completed to project deadlines.

Outcomes & Benefits

The successful delivery and installation of these solar refrigerators has meant that even some of the most remote clinics and healthcare centres in Nigeria are equipped with the cold-chain storage facilities needed to support the human development work undertaken by aid organisations such as FHI-360, and improve the country's healthcare resources.



dulas
solar for life

01654 705055 www.dulassolar.org solar@dulas.org.uk

A member of



SUSTAINABLE
ENERGY FOR ALL

ENERGY ACCESS
PRACTITIONER NETWORK

