Case Study:
Dulas supports immunisation programme in Benin

Project Overview:

Dulas worked alongside the long established and respected Agence de Médecine Préventive (AMP) in the Comé region in Benin under the LOGIVAC project.

LOGIVAC equiped health zones in Benin to use solar-powered refrigerators. The solar refrigerators supplied by Dulas will serve the vaccine storage needs of the region, as well as provide valuable comparative data between solar battery driven and solar direct drive refrigerator systems.

“It was great to work with Agence de Médecine Préventive in Benin and support the important work of the LOGIVAC project”

Guy Watson, Head of Dulas Solar International

Photo credit: Agence de Médecine Préventive (AMP)

Implementation:

The team worked closely with AMP to provide a complete system that would meet the specifications required to deliver and successfully install the solar vaccine refrigerator equipment in the remote Comé region.

The VC65-2 combined refrigerator freezer systems with pole top mounted arrays were chosen to meet the local requirements as they were robust enough to withstand the arduous journey to the health centre installation sites and allowing the solar arrays to be pole mounted where building roofs were unsuitable.

Installation was successfully supervised by AMP trained local technicians, who also provided specific training to the users responsible for vaccine storage and delivery.

The project was a success and we are in discussion about further Rural Community Health Centre projects to install fridges in up to 3 other villages.

Technical Overview

Vaccine Refrigerator	VC65-2 + Ice Pack Freezer
Vaccine Storage	37.5 litre capacity
Solar Panels	280Wp Kyocera
WHO approved PQS	E003 / 026
Total number of refrigerator systems supplied: 7	

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