

Case Study:

Dulas work with Mada Green Power to deliver successful CCEOP Project in Madagascar

Project Overview:

Dulas recently worked with its partner Mada Green Power to successfully deliver and install 138 vaccine refrigerators and freezers in Madagascar.

The project is part of the Cold Chain Equipment Optimisation Platform (CCEOP), an initiative which is supported by several worldwide NGOs including UNICEF, Gavi and WHO. The initiative aims to improve the effectiveness of vaccine delivery in countries like Madagascar which experienced a devastating measles outbreak in 2019.

Madagascar is the fourth largest island in the world and has a diverse terrain and subtropical climate. Delivering the equipment to challenging areas with poor infrastructure such as the Marolambo District meant coordinating deliveries by truck, ox and cart and finally by hand in order to successfully reach the most remote health centres.

“Getting cold chain equipment to the last mile is essential for providing universal health coverage for all”

Andrew Rowbottom, Dulas CCEOP Project Manager



Training Overview:

As part of the initiative Dulas and Mada Green Power provided bilingual training to Ministry of Health staff in Antananarivo. The training provided staff with the skills required to use the equipment effectively into the future.

Outcomes and Benefits:

By March 2020 all 138 units were installed and working effectively in Health Centres across the region and by using the Dulas Vaccine Guard remote temperature monitoring system, EPI managers can observe the equipments performance remotely ensuring that fewer vaccines are spoiled.

Technical Overview

Vaccine Refrigerator	Dulas VC15OSDD
Vaccine Storage	102 litre capacity
Water Pack Storage	20 x 0.6 litre ice-packs
Solar Panels	280Wp
WHO approved PQS	E003 / 048
Number supplied	96
<hr/>	
Vaccine Freezer	Aucma DW-25W300
Vaccine Storage	240 litre capacity
WHO approved PQS	E003 / 061
Number supplied	42