

NAME: ROTARY INTERNATIONAL DISTRICT 9104

PROJECT: SOLAR VACCINE SHELTER PROJECT IN GHANA

Objectives:

- Improve vaccination activities across Ghana
- Improve power stability for vaccine cold chains
- Ensure adequate storage facilities for vaccines
- Easy access to vaccines for remote communities not connected to national electricity grid



Area of Focus:

- Disease Prevention and Treatment
- Maternal and Child Health

Community Need:

About 2,223 facilities across the country are without Cold Chain Equipment (CCE). This includes 326 requiring Solar Direct Devices (SDDs comprising panel, inverter and fridge). This proposal caters for **100 SDDs**.



Category:

Planned Project

Direct and Indirect Beneficiaries:

- Children under 5yrs
- Families



Sustainability:

- Ghana Health Service to include in maintenance schedule
- Rotary Clubs in the District to adopt facilities and oversee maintenance
- Budgetary support from District

Partners:

- Ghana Health Service
- Rotary Clubs within and outside the District

Budget (\$USD)

- Each SDD costs about **USD 12,000**
- Total budget requirement of **USD 1,200,000**



Contact Information:

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Additional Information:

Most vaccines have become less potent due to unstable power source and inadequate storage facilities leading to their disposal with resultant effect of shortages and economic waste.

