







# Global Climate Change Alliance Plus Trinidad and Tobago

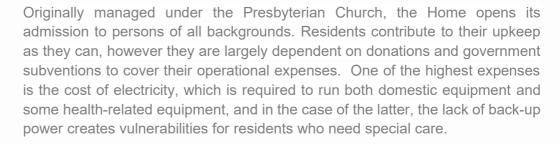
"Support to the Implementation of Trinidad and Tobago's Nationally Determined Contribution"

### J C MacDONALD HOME FOR THE AGED



The J C MacDonald Home for the Aged was established in San Fernando, Trinidad in 1931 and continues to this day to be a residential care home. The Home provides basic and primary health care for 30 – 40 persons whose families cannot take care of them. Volunteers assist at the Home, some on an on-going basis and others for social engagement. Residents delight in their interactions with volunteer groups; playing games, having spa days and musical entertainment.







Management at the J C MacDonald Home for the Aged has implemented climate-focused mitigation strategies, for example through the re-purposing of rainwater. Prior to learning of the GCCA+ Project, solar energy was already being contemplated for use at the home, so they feel strongly that a solar photovoltaic (PV) installation would be beneficial for both the production of electricity for the facility, and in furtherance of their strategy to provide excellent care.



Well-established in the community, the J C MacDonald Home is looking forward to being a beacon for others to learn about and adopt solar energy to achieve a clean and sustainable source of electricity.







## Contacts:

UNDP: Name, Position | @undp.org | www.tt.undp.org

J C MacDonald Home for the Aged: Kelvin Harnanan, Manager | kelvinharnanan@hotmail.com









# **TECHNICAL SPECS:**

Site Name	J C MacDonald Home for the Aged
Load Characteristics	Commerical Load
PV system size	10 kW
Estimate Annual Energy Production (kWh)	15445
Estimated CO- <sub>2</sub> Emissions avoided annually ( kg of CO2).	
	10071.1
Core Business	Home for the Aged

# **ALIGNMENT TO SUSTAINABLE GOALS (SDGs):**







https://www.un.org/sustainabledevelopment/

## **ABOUT GCCA+**

Global Climate Change Alliance Plus (GCCA+) is a European Union flagship initiative aimed at helping the world's most vulnerable countries to address climate change. This EU initiative helps mainly Small Islands Developing States (SIDS) and Least Developed Countries (LDCs) increase their resilience to climate change. <a href="https://www.gcca.eu/">https://www.gcca.eu/</a>.

#### **ABOUT UNDP:**

UNDP is the leading United Nations organisation fighting to end the injustice of poverty, inequality, and climate change. Working with our broad network of experts and partners in 170 countries, we help nations to build integrated, lasting solutions for people and planet. Learn more at <a href="https://www.ttundp.org">www.ttundp.org</a> or follow at @UNDPTT.

# **Contacts:**

UNDP: Name, Position | @undp.org | www.tt.undp.org

J C MacDonald Home for the Aged: Kelvin Harnanan, Manager | kelvinharnanan@hotmail.com

www.gcca.eu | info@gcca.eu | www.ec.europa.eu/europeaid | https://europa.eu/capacity4dev/gcca-community