

**"Support to The Implementation of Trinidad And Tobago's Nationally Determined Contribution".
Project Update – July 2022**

Global Climate Change Alliance Plus – Trinidad and Tobago

Programme: Renewable Energy and Energy Efficiency
Partners: Implementation – United Nations Development
Sponsor – Ministry of Planning and Development
Donor – European Union
Duration: 42 Months
End of Project: June 30, 2023
Budget: €2,400,000



Overview

The overall objective is to increase Trinidad and Tobago's resilience to climate change by introducing renewable energy as an alternative source for electricity generation, thereby contributing to energy security while reducing the use of fossil fuel-based electricity both environmentally and economically. This will successfully contribute to the country's commitment to the Nationally Determined Contribution to reduce its carbon emissions by 15% by the year 2030.

Objective

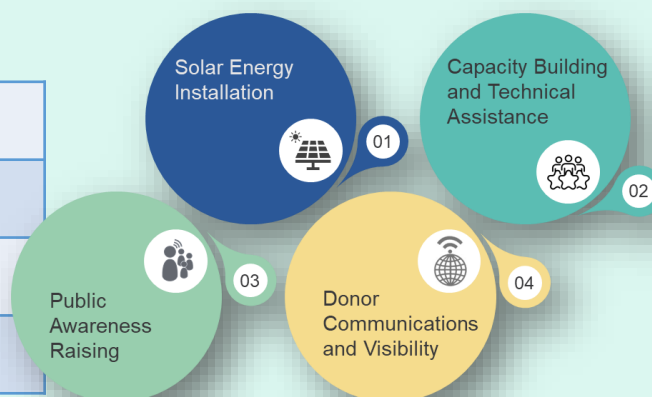
The specific objective of the project is to increase the availability and use of energy from renewable sources, to decrease the emissions of CO² from the use of fossil fuels and raise public awareness on energy efficiency, correct pricing of electricity and promote the benefits of using renewable energy.

Execution

Primary activity: Installation of small-scale roof-mounted solar photovoltaic (PV) panels at 12 sites across Trinidad and Tobago, selected from 164 respondents to a call for applications. Beneficiaries are Non-governmental Organizations (NGOs), Community-based Organizations (CBOs), schools and development organizations, some of which are in remote communities without access to a stable supply of electricity or none at all.

The Project has 4 Outputs:

OUTPUT 1	Solar Energy Installation	80 % complete
OUTPUT 2	Capacity Building and Technical Assistance	50 % complete
OUTPUT 3	Public Awareness Raising	25 % complete
OUTPUT 4	Donor Communications and Visibility	20 % complete



Activities

- Installation of solar energy systems in public utilities and remote communities with the increased capacity to maintain solar power systems will contribute to building technical expertise and improving awareness on the benefits and potential of renewable energy.
- Support to the implementation of the new Renewable Energy (RE) and Energy Efficiency (EE), favorable policy, legislative and regulatory framework. This component will aim at maximizing the opportunities available to develop and implement appropriate policy measures and address the gaps in current policies. This support is being provided to the Ministry of Energy and Energy Industries (MEEI).
- A Public awareness raising campaign on energy efficiency, correct pricing of electricity and renewable energy will seek to address the lack of understanding on the benefits of using renewable energy and adopting RE as part of an energy efficient culture.
- As the country emerges from Covid-19 project activities have moved from the evaluation stage to installation. During the evaluation of applications to the Call for Solar Photo-Voltaic 'PV' Site Selection, site visits and evaluations were conducted by the Project Team and Consultant Engineer at 25 sites, from which 12 were selected. The distribution of the 12 sites by sector and location are set out below:

Site Profiles



1. Reptile Conservation Centre of Trinidad and Tobago (RCCTT)
2. Caribbean Institute of Astronomy (CARINA)
3. Speyside High School
4. Brasso Venado Government Primary School

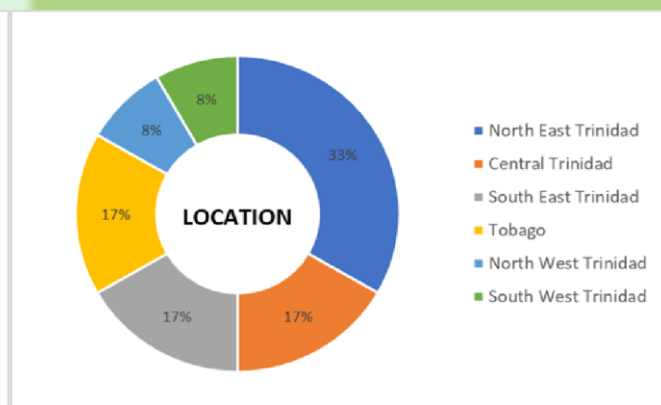
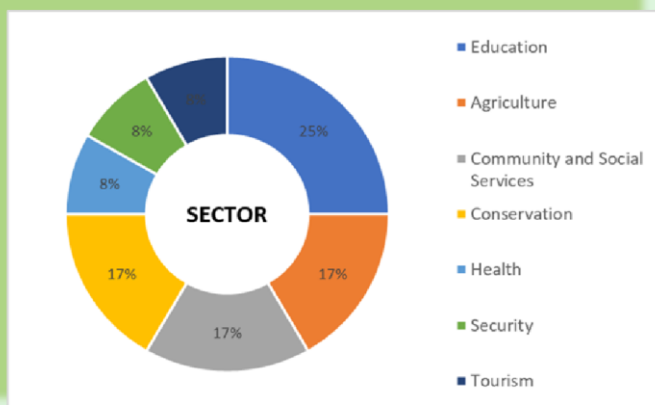


Profiles for all twelve sites receiving solar panel installations available at these links:

[GCCA+ - 12 sites for Solar PV in Trinidad and Tobago - Site Profiles - EU site](#)

[GCCA+ - 12 sites for Solar PV in Trinidad and Tobago - Site Profiles - UNDP TT site](#)

GCCA+ SOLAR INSTALLATION SITE DISTRIBUTION BY SOCIETAL SECTOR AND GEOGRAPHIC AREA



Status

Output 1

Contracts for the installations were awarded following an Invitation to BID (ITB). The Project Team and Consultant Engineer are working with selected contractors to ensure installations are completed and inspected by the end of August 2022.

Output 2

A Feed-in-Tariff Implementation Plan has been developed and submitted to and accepted by the Ministry of energy and Energy Industries (MEEI).

A Renewable Energy Consultant has started work on a Draft Renewable Energy Policy to be delivered to the MEEI, which covers the topical areas of:

- (1) developing a baseline for RE/EE implementation;
- (2) determining options for RE/EE incentive programme;
- (3) developing a draft RE Policy; and
- (4) conducting capacity building on the impact of the RE policy.

Output 3

Contracted in June 2021, a Media Agency has started work towards the design and implementation of a Public Awareness Raising Campaign. Research is being conducted into the perceptions, attitudes and behaviours towards RE, Correct Pricing of electricity and EE.

Output 4

Visibility of the project is increasing as installations are in progress throughout the twelve sites. People at the sites are seeing firsthand and via social media, how solar power generation can be integrated into their community.

Contacts

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Site Installations in Progress



Fisheries Division of the Ministry of Agriculture, Lands and Fisheries – solar installation at the Aquaculture Facility, Valsayn, Trinidad.

Size of installation:

16 kW

15,554 kg of CO₂ avoided annually



The Brasso Seco Village Council Roof with solar panels installed, Trinidad.

Size of installation:

16 kW

16,996 kg of CO₂ avoided annually



Solar PV System at the main building of J C McDonald Home for the Aged, San Fernando, Trinidad.

Size of installation:

10.7 kW

10,071 kg of CO₂ avoided annually



Solar panels being installed on the roof of the Brasso Venado Government Primary School, Trinidad.

Size of installation:

10.7 kW

10,942 kg of CO₂ avoided annually



Battery banks for the solar PV system at the Trinidad and Tobago Red Cross Society – Henry Dunant Clinic, Trinidad.

Size of installation:

10.7 kW

10,139 kg of CO₂ avoided annually

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. <https://www.gcca.eu/>.

ABOUT UNDP:

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