

Global Climate Change Alliance Plus Trinidad and Tobago

“Support to the Implementation of Trinidad and Tobago’s Nationally Determined Contribution”

STRONG ONES YOUTH ACADEMY



“*Harnessing Talent, Promoting Leaders*”, these are the watchwords of the Strong Ones Youth Academy, an NGO (Non-Governmental Organization) dedicated to the development of special needs children. Located in Guayaguayare, Trinidad & Tobago, a picturesque seaside village at the south eastern tip of Trinidad. The community of ‘Guaya’, as it is known by locals, is largely rural in nature. Many villagers are engaged in commercial fishing and agriculture.



Guaya has a rich history and is said to be the first part of Trinidad sighted by Christopher Columbus in 1498, it is also “*the site of the first commercially viable (oil) wells in Trinidad*”. The village has become a prominent base for international petroleum companies and has mushroomed as a result. Despite the benefits that may be derived commercially, due to the presence of the energy companies, Guaya is still in need of institutions like the Strong Ones Youth Academy.



Strong Ones Youth Academy caters to 5 – 17year olds with learning disorders, providing an all-round education to prepare students through programs tailored to their unique needs, and to empower them to thrive socially and academically in the wider society. A major need for the students is access to technology, which the Academy is facilitating through a computer training room.



The Academy, like many NGOs, is heavily reliant on the goodwill of civil society and corporate sponsors to maintain its facilities. Operating costs, and particularly the cost of electricity, can be significantly reduced via the installation of a solar photovoltaic (PV) system. Installing such a system at the Academy is designed to produce clean, renewable energy at a locale where fossil fuels are a key feature of the environment. The EU (European Union) as donor, and the UNDP (United Nations Development Program) as implementing partner, are proud to support the development of the young people of Guayaguayare through the creation of a sustainable clean energy source to power the programs of the Strong Ones Youth Academy.



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TECHNICAL SPECS:

Site Name	Strong Ones Guayaguayare
Load Characteristics	Lighting and Electronics
PV system size	3kW
Estimate Annual Energy Production (kWh)	5131
Estimated CO ₂ Emissions avoided annually (kg of CO ₂).	3345.7
Core Business	Community Activities

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

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 www.ttundp.org or follow at @UNDPTT.

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