# Gerd Humans 268 Inc



# **Student Community Service**

TO PROMOTE YOUTH ENVIRONMENTAL STEWARDSHIP THROUGH RECYCLING, TREE PLANTING AND A VOLUNTEERING PROGRAM IN LOCAL SCHOOLS

Good Humans 268 Inc | September 2023 – June 2024

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#### Rational

The primary objective of the project is to foster a culture of environmental consciousness among young people through a comprehensive approach that integrates recycling, tree planting, and volunteering programs across all schools on the island. It is crucial to impart knowledge and engage with students to inspire them to become proactive stewards of the environment. The project is a multifaceted initiative that combines different aspects to create a holistic and highly beneficial approach to environmental conservation. It aligns with the United Nations' global sustainable development goals and has the potential to enhance the island's tourism industry and future human resources.

To Promote Youth Environmental Stewardship through recycling, tree planting and a volunteering program in local schools

Participating in community service is as easy as counting from 1 to 5.

1. Report - Each school will create a report that includes information on the hours worked by the students, the types and locations of trees planted, as well as the number of bottles and cans removed from recycling bins and garbage. Additionally, the report should feature the most exceptional student, any challenges encountered throughout the year, and any suggestions for future improvements to the program.

2. Trees - Every student has the opportunity to make a positive impact on the environment by planting two trees.

3. Locations - Every student has the opportunity to make a difference by participating in three unique outreach programs throughout the country. By volunteering, they can inspire and uplift communities in need while gaining valuable experience.

4. Hours - students are encouraged to volunteer for a minimum of 10 hours and a maximum of 40 during the academic year.

5. Items Recycled - Throughout the year, every student should recycle 5 cans and 45 bottles. Let's work together to make a difference in our environment.

#### Recycling

Every year thousands of plastic wastes make their way into the ocean. Schools produce an alarming amount of waste that is all sent to the landfill. The student population on the island is an estimated 17 000, and the teachers and other personnel on the school compounds are another estimated 5 000 persons. There needs to be more exposure to conservation, waste reduction and circular economies. Generally, there is a waste problem on the island as the average population needs to link waste reduction, or its proper disposal, with human health or healthy ecosystems. Moreover, many people are concerned about providing for their families on a day-to-day basis. They are not immediately concerned with or aware of the long-term repercussions of their actions now.

To combat this global problem, we have designed a youth environment stewardship program. Recycling bins will be placed on the schools' compound and students will be encouraged to recycle plastic bottles and aluminum cans. We intend to vigorously attack the root of the plastic crisis, within schools, via hands on education, and active participation of the students in the entire process. To address the crisis, we have strategically designed the following objectives.

#### **Objectives:**

- 1. Divert from the landfill and recycle 85 000 aluminum cans and 765 000 plastic bottles through a comprehensive recycling program in 83 public and private primary schools by the end of the project.
- 2. Indoctrinate and have 25% of the local school population actively involve in the circular economy, conservation, and waste reduction at the end of the project
- 3. Partner with three of the current recycling projects on the island and generate some revenue to give a stipend as support to 20 individuals with disabilities that will be assisting on the project.

#### Expected Results

- 85 000 aluminum waste diverted from the landfill.
- 765 000 plastic wastes diverted from the landfill.
- 10% of the total student population actively recycle.
- 20 individuals living with disabilities have gained a small stipend to assist in their livelihood from sorting plastic bottles and aluminum cans.

#### Breakdown of Activities

- 1. Barrels will be placed in schools.
  - 6 barrels in Secondary School
  - 3 Barrels in Primary school
- 2. Barrels will be emptied on Fridays and data collected.
  - 15 Dumpster diver Each diver will be assigned a zone (schools have been grouped based on location)
- 3. Contents from bins will be transported to Good Humans 268 Compound
- 4. Contents from bins will be sorted and then transported to the following locations.
  - WISH Foundation
  - Plastic Waste Free Island Initiative
  - The Antigua and Barbuda Waste Recycling Corporation

#### **Tree Planting**

"Trees play a critical role for people and the planet. Numerous studies have demonstrated that the presence of trees and urban nature can improve people's mental and physical health, children's attention and test scores, the property values in a neighborhood, and beyond. Trees cool our urban centers. Trees are essential for healthy communities and people. The benefits that trees provide can help cities and countries meet 15 of the 17 internationally supported United Nations Sustainable Development Goals." (Jessica B. Turner-Skoff, Nicole Cavender, 2019)

"The 2030 Agenda for Sustainable Development...provides a shared blueprint for peace and prosperity for people and the planet, now and into the future." (United Nations, n.d.) The tree planting exercises will engage the youths and the disabled community in Antigua and Barbuda, focusing on several global sustainable development goals.

The disabled community "Despite their growing visibility, are more likely to live in households that are poorer than the average, are overrepresented amongst those vulnerable to fall into poverty... have fewer years of education and tend to be out of the labor market." (The World Bank, 2022) The tress that will be given to students will come from the organization's nursery. The nursery has a wide variety of fruit, flowers, and herb trees. The nursery will be transformed into a fully wheelchair-accessible nursery, and priority will be given to individuals with a disability to work there. Individuals and Families with disabilities will be among the priority individuals when seeking candidates to work in the nursery; providing employment opportunities will begin the movement to cross the poverty line. Education, food security equality and taking action to combat climate change through public-private partnerships will all be tackled throughout the project.

#### **Objectives:**

- 1. Provide each student with two trees to plant by the end of the academic year
- 2. Partner with other projects that are currently working on removing the lemon grass and replacing them with trees.

#### **Expected Results**

- 34 000 trees planted by June 2024
- 20 Individuals with disabilities given a stipend to assist in the nursey and planting trees.
- 75% of the student population have a better understanding how planting trees is good for the environment.

#### **Breakdown of Activities**

- The Forest Department in the Ministry of Agriculture have highlighted several projects, dates and locations that will be made available in the upcoming weeks about the tree planting Initiative.
- Students have an opportunity to plant their trees at these designated locations at various intervals throughout the school year.

#### Volunteering

The most obvious benefit of volunteering is the good it gives back to communities, countries, and the world at large. One of the immediate benefits of volunteering is that it allows students to be in tune with and give back to their local community. It's also a chance to become aware of problems in their community that they may not otherwise have known about. Students can learn an assortment of skills, from hands-on manual labor to office and administrative skills, says Marie Schwartz, CEO and founder of TeenLife, a company that helps students in grades 7-12 find community service opportunities. "Lack of exposure is the biggest barrier to success," she says. "Volunteering is one of those ways to get that exposure at no cost." (Cole Claybourn, 2022)

To effectively combat climate change, we must involve and educate the next generation. Their future relies on our current efforts, which include a significant amount of voluntary work. It is crucial to instill the habit of volunteering in students. In the next five years, our aim is to increase student involvement in volunteering activities. The data gathered from the upcoming school year plays a vital role in the planning and execution of the volunteering program in the future.

#### **Objectives:**

- 1. To partner with non-profit organizations, community groups, clubs and associations that are currently operating in Antigua and Barbuda
- 2. To engage primary schools' students in 5 hours of volunteering for hours throughout the school year
- 3. To engage secondary schools' students in 10 hours of volunteering for hours throughout the school year
- 4. Povide training opportunities in CPR, communication skills and team leadership for 20 individuals with disabilities in Antigua and Barbuda

#### **Expected Results**

- Total hours 123,310
  - ✤ 9,388 primary school students \* 5 hours = 46 69 hours

- 7,662, secondary school students \* 10 = 76620 hours
- 20 individuals trained by the end of the project.
- Partnership with an estimated 1060 organizations, groups, projects, institutions formed.

#### Breakdown of Activities

- Students will have the opportunity to volunteer at various locations and activities throughout the school year.
- The dates for Activities put on by Community Groups, Business and the other NGO's will be made available to the schools in advance to ensure that sufficient time and relevant individuals get involved.
- The Ministry of Social Transformation Community Development and Citizen engagement Division as well as the Antigua & Barbuda Department of Youth Affairs will be assisting with ensuring the successful project.

### **Expected Impacts**

Following successful implementation of this project, and because of the strategic collaboration with

- West Indies Sail Heritage Foundation, the national "Plastic Waste Free Island Initiative" and Antigua Barbuda Waste Recycling Corporation we anticipate observing a behavioral shift resulting in litter, and plastic use reduction as well as a cleaner Antigua and Barbuda
- Reforestation projects we will remove a significant number of lemon grass and replace them with trees which will produce food in the future.
- Students will be exposed to different projects and gain some experience in volunteering.

As a direct result of a cleaner country with more trees planted, we expect to witness healthier, cleaner ecosystems, for the benefit of people and wildlife.

While these actions take place across the school network, we expect there to be multiplier effects, extending to the families and friends of the students, having a huge local impact while also aligning with national (Plastic Waste Free Island Initiative) and international priorities (international Sustainable Development Goals).

The public will be exposed to firsthand knowledge about how the environment and individuals with disabilities are linked and how individuals with disabilities can assist with climate action.

Students and the wider population through our social media content will gain knowledge about how programs can be built to include individuals living with disabilities.

At the end of the project, the government will have access to data on the number of plastic and aluminum cans used by students. The number of trees planted, where the trees were planted, and type of tree planted. They will also have access to the locations, number or hours and the activities students were involved in while volunteering. This information can be utilized to pass legislation on single-use plastics.

# Project Zones (Schools Have Been Grouped Based on Location)

#### Zone 1

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1	Primary Public	Five Islands Primary
2	Primary Public	Golden Grove Primary
3	Primary Public	Greenbay Primary
4	Primary Private	Temple Academy
5	Primary Private	Nyahbinghy Theocracy School
6	Primary Public	Bendals Primary

#### Zone 2

7	Primary Public	Jennings Primary
8	Primary Public	SR Olivia David
9	Primary Public	Urlings
10	Secondary Public	St. Mary's Secondary
	Private Secondary	Trinity
12	Secondary Public	Jennings Secondary

#### Zone 3

13	Primary Private	Grays Crescent
14	Primary Private	Post Millennial Academy
15	Primary Private	St Peters Academy
16	Primary Private	The Mill Academy
17	Primary Private	Sunnydale Primary
18	Primary Private	Tabernacle Academy

#### Zone 4

19	Primary Public	Freetown Primary
20	Primary Public	Newfield Primary
21	Primary Public	Pares Primary
22	Primary Public	Nelvie N Gore Primary
23	Secondary Public	Glanvilles Secondary School
24	Secondary Public	Pares Secondary School

#### Zone 5

25	Primary Public	Potters Primary
26	Primary Private	Kids Unlimited
27	Primary Private	Seaview Academy
28	Secondary Public	SNRA
29	Primary Public	Seaview Farm Primary

#### Zone 6

30	Primary Public	Parham
31	Primary Public	Pigotts
32	Primary Private	Sunnyside
33	Primary Private.	TOR Memorial
34	Primary Private	Gospel Light Elementary

#### Zone 7

35	Primary Public	School for the deaf
36	Primary Public	T.N.Kirnon Primary
37	Primary Private	St. John's Catholic
38	Private Secondary	CKHS
39	Secondary Public	AGS

#### Zone 8

40	Primary Public	Liberta Primary
41	Primary Public	Cobbs Cross Primary
42	Primary Public	J.T Ambrose
43	Primary Private	New Beathal Academy
44	Secondary Public	All Saints Secondary School
45	Primary Public	Freemansville Primary

#### Zone 9

46	Primary Public	Buckleys Primary
47	Primary Public	Charlesworth T Samuel
48	Primary Private	Island Academy
	Private Secondary	Island Academy
50	Secondary Public	Irene B Williams Secondary
51	Primary Public	Old Road Primary

#### Zone 10

52	Primary Private	SDA Primary
53	Primary Private	Baptise Primary
54	Private Secondary	SDA Secondary
55	Private Secondary	Baptise Secondary
56	Primary Public	Mary E Pigott
57	Secondary Public	OCS

#### Zone 11

58	Primary Private	St. John's Lutheran
59	Primary Private	Minoah Magnet Academy
60	Private Primary	Foundation Mix
61	Primary Private	Victory Center
62	Primary Private	Friends Development Center
63	Secondary Public	AGHS
64	Primary Private	Divine Academy of Excellence

#### Zone 12

65	Primary Public	Cedar Grove
66	Primary Private	St. Andrews School
67	Primary Private	St. Nicholas
68	Private Secondary	SJA
69	Private Secondary	St. Anthony's
70	Private Secondary	Divine Academy of Excellence

#### Zone 13

	71	Primary Public	New Winthorpes
	72	Secondary Public	CHSS
	73	Primary Private	St. Michaels
-	74	Primary Private	Foundations of Faith Tutorial
	75	Primary Private	Christian Union School

#### Zone 14

76	Primary Public	Adele
77	Primary Private	Grace Christian Academy
78	Primary Private	Wesleyan Academy
79	Secondary Public	PMS
80	Primary Private	Better Chance
81	Primary Public	Villa Primary

Zone 15

82	Primary Public	Holy Trinity
83	Secondary Public	SMCGS/Barbuda

# Conclusion

Through the coordinated efforts across 83 schools, the recycling, tree planting, and volunteering programs will engage thousands of students and hundreds of teachers in tangible actions to protect our planet. At the end of the school year, it is expected that over 85,000 cans and 765,000 bottles will be diverted from landfills, 34,000 trees will be planted to combat deforestation and positively impact climate change and students will complete over 123,000 volunteer hours to support our communities.

Beyond the quantifiable results, this initiative's core goal of instilling a mindset of environmental stewardship in our youth will be the most valuable. Students will gain valuable knowledge and skills to become proactive caretakers of the ecosystems we all depend on, and many will take sustainability forward in their daily lives.

While this is only the beginning, the collective efforts under this nationwide project will set change in motion. The environmental consciousness fostered among students, teachers, families, and partners will continue to multiply. As we look ahead, we must build on the momentum and learnings from so many local and global initiatives. Data gathered will help inform policy changes needed to expand recycling infrastructure, reforestation programs, and youth service initiatives. With our youth leading the charge, we can work together to ensure a sustainable, thriving future for Antigua and Barbuda.