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Centre for Resource  
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Environmental Studies



University of the West Indies  
Barbados

Projects  
Promotion Ltd.

St. Vincent and the  
Grenadines

Supported  
by the:



LIGHTHOUSE FOUNDATION

Carriacou  
Environmental  
Committee

Carriacou, Grenada

Caribbean  
Conservation  
Association



Barbados

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# ***THE SUSTAINABLE GRENADINES PROJECT***

SUSTAINABLE INTEGRATED DEVELOPMENT AND BIODIVERSITY CONSERVATION IN  
THE GRENADINE ISLANDS

## **Annual Workplan for 2004-2005**



Project Implementation Unit  
Clifton, Union Island  
St. Vincent and the Grenadines  
March 2005

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## **1 INTRODUCTION**

This workplan covers the period December 1<sup>st</sup>, 2004 to November 31<sup>st</sup>, 2005. It is based on activities identified during Phase 1 of the project that were documented in the strategic plan and confirmed during the Inception Mission carried out by the Project Manager and Project Administrator during October 2004.

The workplan presents proposed activities in the categories that were provided in the project proposal and budget. These include:

- Training courses
- Planning workshops
- Attachments and exchanges
- Mini-projects
- Associated projects
- Communications and staff activities.

## **2 TRAINING COURSES**

In the Grenadines there are numerous organizations - NGOs, CBOs and Social groups. Most of these organizations are strongly committed to making a difference with regard to sustainable development in the Grenadines but are not quite clear of what is required of them in order that their organizations can have longevity and success. It is therefore paramount that training be offered to enhance the capacity of these organisations. Three areas of interest for training were identified by the Grenadines organizations consulted during the Inception Mission: Leadership, record keeping and conflict management for NGOs.

The three training workshops proposed below will be for one-two days each. Trainers will be sought within St. Vincent and the Grenadines, Grenada or regionally. They will be required to have a proven record of delivery of the type of training needed.

### **2.1 Leadership for NGOs**

With the urgent need for NGOS to improve their sense of purpose, there is a positive atmosphere among many groups seeking the opportunity to improve themselves through communication, cooperation and team work. Among these groups, the target persons for training will be the presidents or chairpersons, secretaries and other key executive members. A total of about thirty representatives from organisations on all the islands will participate in this training workshop. The workshop will involve activities such as how to conduct a successful meeting, the role of a leader, understand how groups develop and the different types of leadership styles. It will be highly experiential involving role plays and other practical activities.

### **2.2 Record keeping for NGOs**

In the Grenadines most NGOS organizations are faced with limited opportunities for training especially in record keeping. The inability to manage the finance and other important record keeping activities creates uncertainties among group members. However, these awareness activities will create a more prudent environment for NGOS to operate.

Organizations will be invited to send two persons preferably the treasurer and assistance treasurer to the training workshop. The expected amount will be about thirty participants. The main training to be provided will be on simple bookkeeping and accounting for non-profit organizations. However, there will be some attention provided on how to build institutional memory by keeping accurate records of meetings, organisational correspondence and activities.

### **2.3 Conflict management for NGOs**

Among many NGOs in the Grenadines the inability to curb conflict often retards group development and progress. Though conflict is inevitable, unwillingness to cooperate is evident among groups that do not resolve the issue in an appropriate way.

The training that will be provided in this workshop will promote the skills required for collaboration among stakeholders. It will include the causes of conflict, how to deal with anger, how to understand blocks to communication and how to mediate a dispute between two parties. Participants will be drawn from the groups' presidents or chairpersons, secretaries, committee members or other interested persons.

## **3 PLANNING WORKSHOPS**

Planning workshops are used as a means of developing ideas that could lead to associated projects. Their purpose is to bring together the relevant stakeholders to share their ideas and to discuss the way forward in the particular topic area. The outputs of these planning workshops will then be used as the basis for developing proposals for submission to donors. The Water Taxi Planning Workshop is a good example of how this process would work. That workshop resulted in a proposal for funding the associated project outlined below to be submitted to the GEF.

Two planning workshops are proposed. They will be for two days each at locations to be decided on later. Facilitators will be selected from St. Vincent and the Grenadines, Grenada, or regionally.

### **3.1 Regatta Committees**

The Grenadine islands usually conduct their annual regatta activities individually at different time of the year. Many Grenadines people and visitors look forward to these events. These activities are also important contributors to the economies of the islands. Therefore, a high level of participation and cooperation from the islands sailors and more appreciation for their role are important for the success of these regatta activities. There is also merit in coordinating the regatta activities in the various islands to avoid time conflicts and to maximize opportunities for participation and economic returns.

Representatives from the active regatta committees and sailors will be brought together to have open discussions and to share ideas and views about organization management, marketing strategies, level of participation, networking and solutions to trans-island barriers. This may include the need for an umbrella Grenadines Regatta Committee as proposed in the strategic planning workshop of Phase 1. The following are the expected outputs of the workshop:

- More awareness and appreciation for regattas, sailors and sailing in the Grenadines
- A network of regatta committees
- Harmonisation of regattas in the Grenadines
- A project proposal for the harmonisation and development of regattas in the Grenadines.

### **3.2 Fisherfolk comanagement**

The small size and limited resources of the Grenadine islands means that fishing is one of the most important forms of livelihood for many inhabitants of these islands. The marine and coastal resources are so crucial for sustainable livelihoods that if not properly managed and protected, there will be a gloomy future for many Grenadines people. Hence, there is the need

to foster a sense of shared responsibility for management and decision-making regarding these limited resources.

Fisher-folk leaders will be brought together to discuss the ways in which fisher-folk can participate in the development and management of fisheries in the Grenadines. Discussions will explore some of the areas that could be co-managed and the level of interest among fisher-folk in doing so. They will also explore what mechanisms need to be put in place in order for them to be part of the decision-making process and the level of involvement they are willing to accept. Co-management may also relate to the participation of fisher-folk in managing the shore-based facilities that have been constructed in various Grenadine islands.

The expected outcomes are that:

- Fisher-folk will have greater involvement in the management of their fishery,
- They will gain some form of understanding and appreciation for co-management and their role in it,
- There will be integration and communication among existing fisher-folk organizations in each island,
- There will be a proposal for strengthening fisher-folk organisations to participate in development and management of their fisheries.

## **4 ATTACHMENTS AND EXCHANGES**

These are necessary for organizations to gain practical experience in operational management. There are existing water taxi associations, as well as environmental groups in the Grenadines, e.g., Fort Murray in Union Island will soon become a National Park and there are plans to develop a number of co-managed Marine Parks in Carriacou and Petite Martinique. Therefore, attachments in the three areas mention below will be a provided for individuals from these organizations. Others will be determined on the basis of needs identified during the year.

### **4.1 CEC and Water Taxi member to Soufriere, St. Lucia:**

A good sea transportation network in the Grenadines archipelago is a vital service to the people as well as tourists. Therefore, initiatives are necessary to increase its efficiency, safety and general standard. The associated project for Water Taxi Associations addresses this problem. These attachments complement that project. Two water taxi association members will be exposed to the operation of water taxi in the Soufriere Marine Management Area, to get a first hand experience of its management operations. This attachment will enable participants to

- Adopt similar activities that can be implemented in their milieu
- Develop a high level of communication which will be necessary for both organizations
- Acquire and distribute valuable information.

### **4.2 Park/ecotourism development –**

An individual from the UI Museum and Ecological Society, CEC or some other interested organization in the Grenadines will be attached to Brimstone Hill, St. Kitts or Cabrits Park, Dominica. Persons will gain an understanding of how heritage tourism can enhance sustainable livelihoods for community members. They will understand how these parks are effectively managed.

### 4.3 Coach and instructor training program in sailing

It is proposed that two coaches/instructors be training in sailing at a training workshop to be held in Trinidad by the sailing school there. The workshop will be conducted by an international coach, Sam Carter from the UK. This program will start on Dec.16<sup>th</sup> and end on Dec.23<sup>rd</sup> for a cost of EC\$4212.59.

There is an organized Youth Sailing Program by the Bequia Rotary Club. It teaches basic sea skills such as sailing and navigation. Many youths who have trained in this program have used it as prerequisite to seek employment on cruise ships.

At present the program is without a coach/instructor and it seems as though it is in desperate need of such important staff for its success. The club has taken part in a number of regional events.

The project can use these trained coaches as facilitators to conduct a series of training programs for youths in the other Grenadines islands. In the inception meetings the need was identified for training in boating activities such as learning to row boats and make boats. The regatta activities in these islands could be enhanced and become more interesting for locals and profitable as a tourism attraction with boat sailing for youths from all the islands.

## 5 MINI-PROJECTS

Mini-project proposals were received from 17 NGOs. They are listed below in order of recommended priority, and details are provided in Appendix 1. The criteria for prioritization are:

- Relevance to coastal and marine conservation and sustainable use
- Must be feasible for implementation within one year
- Community involvement
- Must be sustainable and manageable

**List of mini-projects submitted for consideration**

<b>Project title</b>	<b>Organisation</b>
Project Hope	4H CLUB
Moorings for dive sites	Grenada scuba diving Assoc.
Tourism Development project	Union Island Tourism Committee
Botanical Garden Construction	UI Botanical Garden Com.
Garbage Bins	PM New Women's org./Fisherman's Corp.
Quarterly Village Clean Up Campaign	UI Environmental Attackers
To Fight is Right	Lions Club UI
Court Restoration	SG Basketball Assoc.
Fencing of hard court	MEDO
To protect and provide	Carriacou and Petite Martinique Water Taxi Assoc.
The Mt. Pleasant & Grand –Bay Save the Beach project	The Mt. Pleasant & Grand –Bay Youth Organisation
'JEFF GREGG' Water Way Rehab. project	UNSCO Sandwatch/siv Youth Group
CEC Institutional Strengthening	Carriacou Environmental Committee

Cleaning & Sign Posting of Fort Murray	UI Museum & Ecological Society
Big Pond Beautification & Park Project	Bay a L'eau Development Committee
Bequia Youth and the Sea 'BYATS'	The Rotary Club of Bequia
Fisherfolk re-education project	Canouan Sailing Club

## 6 ASSOCIATED PROJECTS

One of the purposes of the Sustainable Grenadines Projects is to develop projects with local, regional and international partners that will bring further funding and opportunities to the Grenadines. This will increase the value of the project beyond the funding provided by The Lighthouse Foundation.

Below are four projects in various stages of development that are seen as being valuable for the Sustainable Grenadines Project to pursue. It is expected that others will emerge during the year, especially from the two planning workshops proposed above.

### 6.1 *Water taxi project – GEF small grants*

During the strategic planning workshops in Phase 1 of this project the need for water taxi operators to become organized was identified. This was seen as an initiative that could be pursued in Phase 2. In the interim, two associations have already been formed; The Southern Grenadines Water Taxi Association and the Carriacou and Petite Martinique Water Taxi Association, and the Bequia Water Taxi Association will soon be in revived. There has already been networking among these associations which has included a planning meeting in Carriacou in mid-2004 funded by the European Commission (see report of the vision and project planning workshop for Southern Grenadines Water Taxi Association and Carriacou Petite Martinique Water Taxi association).. That meeting resulted in a proposal for a project with four main activities. The proposal is currently being adapted for submission to the GEF for funding from their Small Grants Programme There is already partial funding for one of the activities European Commission

The above water taxi capacity building proposal is seen as being highly compatible with the objectives of the Sustainable Grenadines Project and it is proposed that the Steering Committee endorse it as an associated project. This would mean that Project Staff would commit a portion of their time to collaborating in the implementation of the project should it be funded. Opportunities exist for the training workshops proposed above to be linked with some of the capacity building activities proposed for the water taxi associations to provide significant savings and/or improved delivery for both projects.

Further to this linkage, the office space provided by the Government of SVG is sufficiently large that it can house one or two other NGOs depending on the amount of space required. It is therefore proposed that space be given to the Southern Grenadines water Taxi Association to establish a desk.

### 6.2 *Reef Check training and monitoring:*

The Grenadines are surrounded by coral reefs, a very fragile but important coastal ecosystem, the. These reefs provide an underwater habitat as well as a livelihood for many fishermen and divers. They are also beautiful underwater scenery for many locals and visitors and thus contribute significantly to tourism. There is the need to establish monitoring systems for the health of these reefs

Reef Check is an international organisation that promotes stakeholder participation in reef monitoring. It has identified the Grenadines as an ideal area for Reef Check training and monitoring and is proposing to initiate this work in early 2005. Reef Check and Sustainable Grenadines Project are in communication to determine if it is possible to develop a joint proposal for Reef Check training and monitoring programme for divers and fisherfolk in the Grenadines. One of Reef Check's main concerns is the Sustainability of programme after the initial input. It is in this regard that the Sustainable Grenadines Project may be able to assist. It could provide the focal point for the monitoring systems to be established. Reef Check is also interested in preparing and delivering reef conservation awareness programmes in schools in the Grenadines. Reef Check sees the Project as having good links with community groups and divers who could undertake the monitoring annually, as well as with schools.

It is therefore proposed that the Project pursue collaboration with Reef Check to ensure that its planned input to the Grenadines will be sustainable.

### **6.3 CCA people and corals in primary schools**

The Caribbean Conservation Association (CCA), with support from the Darwin Initiative, has developed a workbook "People and Corals" for Caribbean primary schools. There is also a training programme for primary school teachers who wish to use the workbook. The Sustainable Grenadines Project would like to develop a joint proposal with CCA for a project to put the people and corals book in all Grenadines primary schools. Funds are required to purchase the books and to provide the training to teachers. The proposal will be submitted to the National Fish and Wildlife Foundation for funding.

### **6.4 Technology for sustainable use of water in the Grenadines tourism industry**

Water is a scarce commodity in the Grenadines. The dry season corresponds to the tourism season, and there can also be prolonged drought resulting in water shortages. Sometimes inadequate storage facilities and wastage of water especially in hotels and other businesses create problems in water resource management. Sustainable tourism is highly dependent on the availability of water.

It is proposed that the Project communicate with the Caribbean Alliance for Sustainable Tourism (CAST) and the Faculty of Engineering, UWI, to develop a proposal and locate funding for a project on sustainable use of water in the Grenadines that primarily targets small hotels. Dr. Everson Peters at UWI has expressed an interest in pursuing this project. This project is seen as a lead in to a broader initiative oriented towards 'greening' small hotels in the Grenadines.

## **7 COMMUNICATIONS AND NETWORKING**

Communications with and networking among Grenadines's stakeholders and the wider public in both countries will be a very important aspect of the Project. The following activities are proposed to further these aims.

### **7.1 Newsletter**

The Sustainable Grenadines Project will be at the forefront of the development of biodiversity and environmental protection. Therefore, in an effort to better carry out its mandate, the Project will endeavor to keep the two nations, and all Grenadines stakeholders in particular, up-to-date with project activities by producing a quarterly newsletter. In recent times a number of new local and international developments have occurred that will impact on the sector. For example, trading arrangements with regional and international markets, and new protocols. Some of these issues will be addressed in the newsletter.



## **7.2 Internet discussion group**

Stakeholders with internet access will be linked through a Sustainable Grenadines discussion group to be established through Yahoo groups. This provides an easy means of informing stakeholders about what is going on and of obtaining feedback. It offers a means of providing the Newsletter electronically to those who would prefer it that way, and thus saving on printing and distribution costs.

## **7.3 Media releases**

The project will prepare media releases on all its activities during the year and provide these to newspapers, TV and radio stations in both countries.

## **7.4 Website**

The Project will develop a website that provides basic information on the overall Project as well as a means to keep interested parties up-to-date with what is going on in the project and in associated projects. A minimal project website already exists on the UWI, Cave Hill server with a link from the CERMES home page ([cavehill.uwi.edu.bb/cermes](http://cavehill.uwi.edu.bb/cermes)). The proposed website will be cross-linked with the CERMES web pages and with the project documents that are currently downloadable from the CERMES site.

# **8 OTHER ACTIVITIES**

## **8.1 Conference participation**

It is proposed that the Project Manager participate in the Caribbean Biodiversity Congress to be held in the Dominican Republic, January 25-28, 2005. This will provide the PM an opportunity to liaise with individuals from many organisations with an active interest in Caribbean biodiversity conservation. These will include potential donors.

## **8.2 Steering and Executive Committee Meetings**

There will be one Steering Committee meeting at the end of the year to review the work of the year and consider the proposed workplan for 2005-2006. This will probably be in November 2005. There will also be two Executive Committee meetings during the year. These will likely be in March and July 2005.

Throughout the year there will be regular communication among Executive Committee Members.

# **9 SCHEDULE**

The following Gantt chart indicates the proposed timing of activities throughout the year.

Sustainable Grenadine Project Gantt chart 2004-2005

Task Name	Dec				Jan				Feb				Mar				April				May				Jun				Jul				Aug				Sept				Oct				Nov				Dec			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Strategic Plan																																																				
SC Meeting																																																				
Exec Comm Meeting 1																																																				
<b>Budget reporting</b>																																																				
<b>Traning courses</b>																																																				
Leadership for NGO's																																																				
Record Keeping																																																				
Conflict Management																																																				
<b>Planning Workshops</b>																																																				
Regatta Committee																																																				
Fisherfolk Comanagement																																																				
<b>Attachments/exchanges</b>																																																				
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Park/Eco-tourism																																																				
Coach Training Sailing																																																				
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<b>Associated projects</b>																																																				
Water-taxi Project																																																				
Reef Check																																																				
People & corals in schools																																																				
Sustainable Water Use																																																				
<b>Communications</b>																																																				
Newsletter																																																				
Discussion groups																																																				
Media releases																																																				
Website																																																				

**SUSTAINABLE INTEGRATED DEVELOPMENT AND  
BIODIVERSITY CONSERVATION IN THE GRENADINES ISLANDS**

**MINI-PROJECT APPLICATION FORM**

**Name of organization:** Bay a Leau Development Committee

**Contact person:** Mr. Cuthbert Cyrus President

**Contact phone/fax/email:** 1 473 443- 7790W (8825 H) Email [cyrus\\_c@hotmail.com](mailto:cyrus_c@hotmail.com)

**Project name:** Big Pond Beautification & Park Project (phase one)

**Project purpose:** Enhancement and beautification of the community.

**Project description (purpose of project, what will be done, who will be involved and what resources will be needed):**

- To provide a relaxing and recreational facility for participating communities
- Location is ideal for park and natural resource development
- Terms Of Reference: Clean up area, Landscaping , Construction of three back-to-back benches and two umbrella top gazebos Beautification

**Involvement:** Community organizations (Bayaleau development committee and CCNAC group) youths, women's group and individual members.

**Resources:** Artisans, Construction materials, Plants and Refreshments

**Project Budget (EC\$):**

ITEMS	DETAILS	COST
10 3/8 groove ply	@\$100 per sheet	\$1000.00
4hrs bobcat service	@\$150 per hour	\$600.00
1 100ft 8gage gal. brc	@\$10 per feet	\$1000.00
2 days ransom use	@\$100 per day	\$200.00
Roof shingle	@\$83 per box	\$500.00
10 2*4*16 PPD	@\$42 per length	\$420.00
10 1*6*16 PPD	@\$31 per length	\$310.00
5 gal paint	@\$70 per gal	\$350.00
15 bags cement	@\$17 per bag	\$255.00
15 3/8 steel	@\$16 per length	\$240.00
1 truck sand	@\$70 per load	\$70.00
1 yard gravel	@\$195 per load	\$195.00
5lbs nails	@\$3.75 per 1b	\$18.75
<b>Total</b>		<b>\$5158.75</b>

**SUSTAINABLE INTEGRATED DEVELOPMENT AND  
BIODIVERSITY CONSERVATION IN THE GRENADINES ISLANDS**

**MINI-PROJECT APPLICATION FORM**

**Name of organization** Canouan Sailing Club

**Contact person:** Carlos Mclaurean

**Contact phone/fax/email:** 593-9000 work: 784-45-88145 / cmclaurean@hotmail.com

**Project name:** Fisher Folk Re- education Project

**Project purpose:** for decades, scientists have warned that lobsters are being caught at a faster rate than they can reproduce. This project seeks to illuminate methods that ordinary fisher folk can adopt to ensure the longevity of the lobster industry in the Grenadines.

Project description (purpose of project, what will be done, who will be involved and what resources will be needed): Magazines and journals are constantly being inundated by claims from scientists who posit that the lobster industry is being decimated by over fishing. There is concrete evidence to be had from even the fisher folk themselves who complain that every year their traps must be positioned in deeper water in order to ensure a par return for their investments. Notwithstanding the aforementioned, every year new fishermen enter the industry as a means of supplementing their ordinary income. Consequently, the number of traps continues to increase while the lobster population dwindles. Most of the fishermen are extremely knowledgeable about the trade that earns them their living. However, a measure of sustainable use of marine resources must be inculcated in their fishing practice. Marine biologists concede that lobstermen should have a long-standing respect for the ocean and its lobsters, but they say the industry's traditional preservation methods are no longer enough to safeguard the lobster population. This project would involve there-education of fishermen living and working at the Canouan Fisheries Complex in basic measures of conservation. For example, the return of small and spawning lobsters on the ocean. These men should be taught in small and informal setting where they would be comfortable and inclined to participate. This project should come to the fore in the lobster season when most of the fishermen are present. The project is essentially low cost. There would be a need for a TV and VCR, which can be borrowed or rented to show videos about the importance of preserving the lobster industry. Point persons to conduct these seminars would be hosted transported from the mainland and hosted at a local guess house. Point persons would necessarily have to observe the current fishing practices and recommend more environmental friendly and sustainable measures. Seminar will run for two days. Biologist and lobstermen agree that to save lobsters from depletion the amount of trapping must be reduced and more egg-bearing females need protecting. Fisher folk need to be enlightened as to some basic measures that can be enlisted in order to secure the longevity of the lobster industry.

**Project Budget (EC\$):**

ITEMS	DETAILS	COST \$
Return flights for 2	These persons need to be transported from the mainland to Canouan where the seminar will be conducted	300.00
2 rooms (guess house)	Accommodation for said persons for two days	532.00
refreshments	Refreshments for 35 fishermen	500.00
Charter of speed boat	Point persons need to observe the normal operation of the fisher folk	200.00
stationeries	Illustrations	100.00
TV and VCR	These would be borrowed	nil
TOTAL		1 632.00

**SUSTAINABLE INTEGRATED DEVELOPMENT AND  
BIODIVERSITY CONSERVATION IN THE GRENADINES ISLANDS  
MINI-PROJECT APPLICATION FORM**

**Name of organization:** UNESCO Sandwatch/SIV Youth Group  
**Contact person:** Herman L. Belmar or Joanna Stowe  
**Contact phone/fax/email:** 4583514 Or 4583385 humpback\_1952@yahoo.com

**Project name:** "JEFF GREGG" Water Way Rehabilitation Project

**Project purpose:** To continue water investigation study, drain mosquito infested area and beautify the environment

Project description (purpose of project, what will be done, who will be involved and what resources will be needed): The construction of the J.F. Mitchell Airport at paget Farm, Bequia created a drainage problem in the immediate vicinity, and left a cal-de-sac, where the sea and the drainage outlet meet. At this point debris accumulates from the seaward side, and from the land, thus blocking the two culverts that serve as a bridge to the playing field and an exit for the drain. The buildup of debris is not only unsightly, but traps water, which settles in the area for months, even during the dry season. This has definitely contributed in a big way to a mosquito problem in the area. The UNESCO Sand watch/SIV Youth Group has cleaned the area on three separate occasions. The latest on September 16<sup>th</sup> as part of the International Coastal Cleanup.

Findings clearly show that the marine side of the area is a vibrant fish nursery, it is a high activity area for fishermen of the area, and is sometimes used as a lobster holding area. Samples of water from the terrestrial side, shows a high level of Chlorine, Nitrate, Phosphate, high Coli form activity, high Alkalinity and high turbidity. We are there concerned about the effects of the drain on the food chain, as well as the esthetics of the area, and propose the following: cleaning of the area on a regular basis, continuous monitoring of the water quality, advisory bulletins for fishermen and swimmers, poster and flyers about pollutants and dangers, erecting metal grids on both entry and exit of the culverts to trap debris that usually block the flow of water, excavating the build up silt in the front of the drain to increase the flow of water, clearing of shrubs and grasses to drain the area to reduce mosquito breeding, procuring water analysis kits that are functional in salt water to analyze the marine environment and beautification of the area with trees and park benches.

The project would be executed by students of the UNESCO Sand watch/SIV youth group, with assistance from their parents. The group is comprised of 30 students drawn from all communities on Bequia, with a vested interest in the preservation and protection of the marine environment. Fishermen and villagers of the area would be encouraged to join their children in the beautification and sustainable development of the area.

**Project Budget (EC\$):**

ITEMS	DETAILS	COST \$
6 KITS	Estuary monitoring kits for testing salt and brackish water for coli form bacteria, nitrates PH phosphates etc.	730.00
20'BRC	BRC 2" squares steel wire to construct debris trap	140.00
	Erecting debris trap and removing debris to landfill	460.00
	Use of excavator to remove silt deposit	2 500.00
	Trucking silt to landfill	700.00
	Acquisition and planting of trees props and supports	150.00
	Park benches	600.00
	Printing of flyers and Posters	600.00
TOTAL		5 800.00

**SUSTAINABLE INTEGRATED DEVELOPMENT AND  
BIODIVERSITY CONSERVATION IN THE GRENADINES ISLANDS  
MINI-PROJECT APPLICATION FORM**

**Name of organization:** Young Help Striders 4-H Club  
**Contact person:** Ann Harvey  
**Contact phone/fax/email:** 458-8769

**Project name: Project Hope****Emphasis will be on the young men****Project purpose:** To teach youths basic fishing techniques, fish pot making, etc. To help them develop patience and provide a soothing environment to help alleviate frustration and hopelessness. To provide an environment of caring and a “safety net” for them

Project description (purpose of project, what will be done, who will be involved and what resources will be needed):

Project Description: This project will teach youths skills in fishing, rowing, seine and fish pot making, safety at sea and personal development. These skills will make them economically independent, develop their self-esteem, develop pride in their fishing heritage, build awareness to help them preserve the marine and ecosystem, thus allowing them foresight to protect this fragile resource to leave intact for the next generation.

The persons who will be involved in this project are as follows: members of the 4H club and other youths in the community. Resource persons will be pooled from the community to teach fish pot making, seine making, rowing and fishing techniques. There will be a mentoring and educational component of this project to help develop the whole person.

Resources needed: rowing boat, twine, fish pot wire, life jackets, sprat nets, fishing lines& hooks, and resource persons.

**Project Budget (EC\$):**

ITEMS	DETAILS	COST
1 Rowing boat	To teach rowing and fishing techniques	3000.00
3 Rolls twine	To teach seine making	60.00
4 rolls tying wire	For putting the fish pot together	40.00
1 dozen rolls fishing nylon	To teach fishing techniques	120.00
2 boxes hooks	For fishing	50.00
3 Lifejackets	For safety at sea	270.00
1 Sprat net	To teach Net Throwing and to get bait for fishing	200.00
1 Anchor	For the boat	250.00
1 dozen buoys	To mark the Fish pots	600.00
1 Roll Fish pot wire	To teach Fish pot making	600.00
Total		5 190.00