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THE SUSTAINABLE GRENADINES PROJECT

SUSTAINABLE INTEGRATED DEVELOPMENT AND BIODIVERSITY
CONSERVATION IN THE GRENADINE ISLANDS

Annual Report for 2005



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

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Cover photograph: The Leadership Workshop at Sea Wave, Carriacou, presented by Martin Barriteau

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1 INTRODUCTION

The future and quality of life of the people of the Grenadines depends on the wise and sustainable use of their natural resources. This in turn depends on our individual and collective efforts. To this end, numerous stakeholders, NGOs, Governments and the private sector in the Grenadines came together in 2002 to explore the way forward to sustainability. Their views and ideas were assembled in the form of a strategic plan and a proposal for a five-year Phase 2 of the project. Funding for the core of Phase 2 was provided by The Lighthouse Foundation. The core funding was provided to establish an office with two staff and to carry out several critical activities deemed as being essential for the acquisition of further funding for associated projects, as well as to build ownership and community in the Grenadine Islands as a foundation for sustainable development. These activities seek to fulfil the goal of the project which is 'the integrated sustainable development of the Grenadine Islands area for the social and economic well being of the people who live there'. The purpose of the project in phase 2 seeks to:

- Include substantial institutional capacity building for local NGOs and government departments;
- Focus on the establishment of management and co-management systems required for sustainable resource use and management; and
- Prepare proposals and seek funding for related elements that exceed the phase 2 core budget and scope.

On November 24th, 2004, Phase 2 of the Sustainable Grenadines Project (SGP) was officially launched in Union Island and the Steering Committee approved the 2005 Annual Workplan. This report covers the implementation of the Annual Workplan for the first year (13 months) of Phase 2 of the project.

The activities that were outlined in the annual workplan are presented below.

2 TRAINING COURSES

Three training workshops were scheduled. These were put on hold when it was realised that the GEF Water Taxi Project would be offering similar training to members of the water taxi association executives. The Executive Committee decided that the delivery of this training would be most effective if combined with the training to be delivered by the Water Taxi Project.

On October 20th-21st the GEF Water Taxi Project and the SGP conducted a Leadership Training Workshop in Carriacou for executive members of NGOs and Water Taxi Associations throughout the Grenadines. A report was prepared on the Leadership workshop which was attended by 34 persons (Appendix 1). The other training workshops will take place in the upcoming months and will be in conjunction with the GEF project.

3 PLANNING WORKSHOPS

Two planning workshops were scheduled for the year. Of these one was held, one was deferred and a new one that was unscheduled was held.

The Regatta Enhancement Workshop was held in Union Island on Saturday, April 23rd, 2005. Participants came from all the regatta committees throughout the Grenadines and the Ministries of Tourism from both Grenada and St. Vincent and the Grenadines. Four project proposals

were developed and participants were asked to select the most important among those proposed. The selected project will then be further developed and funding will be sought. A concept paper on regatta enhancement was also developed and sent to various funding agencies throughout the Caribbean (Appendix 2). As no offers of funding had been received when the EC met in September, they decided that one project should be selected and aggressively pursued. It was thought that the private sector would be a good source of funding for this project.

The Green Schools Workshop was not initially an item on the workplan. However, at the first Executive Committee meeting, it was accepted as an important project for secondary schools in the Grenadines. The planning workshop took place in Carriacou on May 27th, 2005. Representatives from five secondary schools and two primary schools together with education officials from both St. Vincent and the Grenadines and Grenada participated in the workshop. The Green Schools Workshop Reportⁱ was produced and a concept paper was developed (Appendix 3). The concept paper was sent to the Mustique Island Company for possible funding when after initial enquiries, they indicated that they would be willing to consider it. The concept will be presented in person to the MIC board and environmental committee in December.

Although a fisherfolk workshop was scheduled for 2005, The Executive Committee decided to conduct it in January 2006 in order that it could be adequately planned and stakeholders engaged. The idea of what needs to be addressed and who should be involved were seen as important areas that deserved further assessment during the work planning mission that the PM and PA would undertake in October and November. A draft proposal for the workshop was however developed (Appendix 4).

4 ATTACHMENTS AND EXCHANGES

Three attachments were scheduled and completed successfully. The reports for these are provided in Appendix 5 (A-C).

4.1 Coach and Instructor Training

The Bequia Rotary Club received sponsorship for two persons to attend a one-week coach and instructor training programme in sailing in Trinidad. These two persons successfully completed the programme and are now using the skills learned to teach interested persons in Bequia.

4.2 Water Taxi training in Soufriere, St.Lucia

Two representatives from the Carriacou and Petite Martinique and the Southern Grenadines Water Taxi Associations went on a one-week observation visit to St. Lucia where they experienced how the Water Taxi Operators of the Soufriere Marine Management Area (SMMA) conduct their business. Upon their return they shared the experience gained with their colleagues in their respective islands.

4.3 Historical Park development

A representative from the Carriacou Historical Society was sponsored on a one-week attachment to the Brimstone Hill Fortress National Park in St. Kitts from August 21 – 27th, 2005. The experience gained is expected to contribute to the activities of the Carriacou Historical Society aimed at developing historical sites in Carriacou.

5 MINI PROJECTS

5.1 2004-2005 mini-projects

Five mini-projects were selected for implementation in 2005: Project Hope; “Jeff Gregg” Water Way Rehabilitation Project; Big Pond Beautification and Park Project; Fisherfolk Re-education Project; and the CEC Institutional Strengthening. The latter project was considered to be primarily an infrastructure support project because of what happened to the CEC office during Hurricane Ivan on September 7th, 2005. The report for the CEC support project is detailed in Appendix 6.

After further development of each mini-project and discussion regarding the necessary information to be provided to the SGP, funds were disbursed to the implementing NGOs. All mini-project funds have been disbursed except those for the Fisherfolk Re-education Project. That project appears to have been supported by the St. Vincent and the Grenadines Fisheries Division; therefore there was no need for the SG Project to duplicate the effort. The EC members decided to use the funds for an additional mini-project next year. A written report on each Mini Project will be provided upon their completion (Appendix 7: A-C). The original copy of the Jeff Gregg Project was too large to be included in this document but a hard copy is available for viewing. A laminated sign which bears the SG Project name and its supporting institutions was given to all successful mini-project recipients so that it can be displayed near the finished project.

While travelling through the islands to meet with stakeholders in October-November 2005, project staff visited three of the above mini-projects. Observations on these are provided in Appendix 8.

5.2 Previous mini-projects

While travelling through the islands to meet with stakeholders in October-November 2005, project staff also visited three of the mini-projects that were implemented during Phase 1. Observations on these are provided in Appendix 9.

5.3 Considerations regarding mini-projects

At the last Executive Committee meeting, members reviewed implementation of mini-projects. Some concern was expressed regarding the type and sustainability of these projects. The findings reflected in Appendices 8 and 9, suggest that these concerns are valid and need to be addressed. The first point is that most projects focus on physical structures such as gazebos, sheds, etc. One-off activities such as clean-up are also commonly submitted for funding. It appears that there is inadequate emphasis in most cases on public awareness and stakeholder involvement that would change the way that people approach natural resources and the environment. This may be to some extent connected with the small size and relative inexperience of most NGOs that apply. The EC concluded that there should be more emphasis on NGO strengthening in association with mini-projects. It was thought that this could be achieved by making institutional assessment and strengthening a required activity in association with mini-project funds. These ideas will be explored in the workplan for the next project year.

6 ASSOCIATED PROJECTS

The SG Project was able to facilitate one of these projects (Reef Check) and was instrumental in acquiring funding for the other two. It has also participated actively in the delivery of the Water Taxi Project.

6.1 The Reef Check Training and Monitoring Project

The Reef Check Training and Monitoring Project was conducted by the Amadis Project and facilitated by the SG Project. The one-month training programme saw a number of persons in St. Vincent, Mustique and Union Island trained in Reef Check methodology for reef survey and monitoringⁱⁱ. However, due to problems encountered by the boat, the project came to an end in the Grenadines before Petite Martinique and Carriacou could get an opportunity to participate.

6.2 The Grenadines Water Taxi Project

The Water Taxi project was developed by the SG project in collaboration with CEC, the Water Taxi Associations, CERMES and Counterpart Caribbean, and sponsored by The Global Environmental Facility (GEF) and the European Commission through Counterpart Caribbean. There is also a contribution in kind by the SG Project in the form of coordination. This project is an eighteen month project but it is intended that it be upgraded to GEF mid-size project that will extend its activities to other marine stakeholders. The project is officially implemented through the Carriacou Environmental Committee (CEC). The Inception Workshop was held in Carriacou on April 12^{thiii}. Major activities completed under the project so far include:

- Equipping and establishing WTA offices,
- Environmental awareness and training for water taxi operators through 'Caring for Our Coast and Our Future' workshops involving about 75 WT operators^{iv},
- An inventory of water taxis and operators,
- Training for executives of WTAs in Participatory Community Based Leadership,
- A 'green boat' study of environmental practices by WT operators^v and a best practices booklet^{vi} by CERMES student Dominique Lizama,
- A Greening of Boats workshop,
- A baseline study of sustainable livelihoods strategies of WT operators by CERMES student Alexcia Cooke^{vii}.

Other scheduled activities will continue next year.

6.3 People and Corals Project

A proposal was developed for the People and Corals project and submitted to the US National Fish and Wildlife Foundation (NFWF) for funding. The NFWF has approved sponsorship for this project. This project is aimed at Primary schools in the Grenadines where teachers will be trained to use the People and Coral book which will then be distributed to the schools. The SG Project will be contributing to this project through monitoring and evaluating it.

6.4 Technology for sustainable use of water in the Grenadines Tourism Industry

This project has not yet been developed although it is recognised that water is a scarce commodity in the Grenadines. However, in this connection, the Caribbean Environmental Health Institute (CEHI) informed the SGP on September 16th, 2005, of its intention to develop a pilot project - Rainwater Harvesting Project for Carriacou and Petite Martinique and would like the SGP to provide any relevant information available to add value to the outcome of this project (Appendix 10). This is one of the pilot projects to be carried out under the GEF Full Project

'Integrated Watershed and Coastal Area Management' to be implemented jointly by the UNEP RCU in Jamaica and CEHI and it is hoped that some collaboration can be established with this project.

7 COMMUNICATIONS AND NETWORKING

The office is now fully equipped for communication having internet, telephone and a fax line. Many activities were carried out to improve communication and networking locally, regionally and internationally. A communications plan was developed and is being implemented (Appendix 11). Components that were addressed are listed below.

- A yahoo 'Susgren' egroup was developed and membership is about fifty-eight.
- A quarterly Newsletter has been developed and three issues have been produced. The Newsletter focused on issues in the Grenadines, project activities and other articles of interest to the Grenadines. The Newsletter is distributed throughout the Grenadines to many institutions and organisations. An approach that was developed is to encourage those receiving it, especially organisations and businesses to print a few copies and put them on display.
- Flyers and information sheets about the project were developed and distributed throughout the Grenadines.
- Media releases on important activities carried out by the project were made available to almost all media houses throughout St. Vincent and the Grenadines and Grenada and Carriacou. Some publications came out in the News Newspaper, and the Compass and many as announcements on the radio and television stations in SVG and Grenada (Appendix 12).

8 OTHER ACTIVITIES

8.1 Baseline survey

A baseline survey was completed according to the plan presented at the first EC meeting. It includes three components:

- Social network analysis to assess networking and interaction among organisations;
- Environmental awareness;
- Social and economic aspects.

The report of this survey is in draft form and will be circulated as soon as it is completed.

8.2 Project description booklet

At the last (third) SC meeting it was requested that the project prepare a booklet providing a perspective on what the project would attempt to achieve over its five-year lifespan. A draft of this booklet was prepared and awaits final comment from the SC before it is made ready for distribution.

8.3 Workshops and meetings attended

Throughout the year the project staff was invited to participate in a variety of workshops and meetings relevant to the Grenadines.

- As approved in the workplan, the Project Manager attended the V Congress on Caribbean Biodiversity in Santo Domingo on February 25th to 28th 2005. A thirty minutes PowerPoint presentation about the Sustainable Grenadines Project was made to about 45 participants. Many persons were interested in the project and a number of contacts were made. Copies of the presentations were given to some organisations who want to conduct similar projects.
- A one-day Consultation of the Future of EU Development Policy in St. Vincent.
- A one-day session by TNC on Measuring Success by using the Parks in Peril Site Consideration Scorecard Manual to analyse the Tobago Cays Marine Park on June 17th, 2005.
- A two-day observation of The Nature Conservancy Institutional Self-assessment activity done to assess the Carriacou Environmental Committee.
- A two-day workshop for 'Identifying Technology Needs for Adapting to Climate Change' in St. Vincent and the Grenadines, November 16th -17th, 2004.
- A one-day 'National Consultation on Special Program on Climate Change Adaptation in the Caribbean (SPAC)' on September 26th, 2005, to develop a pilot project to respond to the impacts of climate change.
- Launch of the CREP Project for Carriacou on April 23rd, 2005.
- A one-day 'First Discussion on collaboration with OPAAL, TNC, OECS ESDU and CERMES (SGP) in the Tobago Cays Marine Park' at the OECS Environment and Sustainable Development Unit (ESDU) in St. Lucia, on June 1st, 2005.
- A one-day 'Second Discussion on the finalisation of the collaborative work plan and budget for the OPAAL – TCMP project' in Kingstown on August 23rd, 2005.
- A one-day discussion to form a Disaster Preparedness Committee for Union Island held on June 15th, 2005.
- A discussion was held with various Ministries and other important institutions throughout St. Vincent and Grenada such as the Ministry of Education, Ministry of fisheries, Ministry of Health and The Environment, The Ministry of Carriacou and Petite Martinique Affairs, Ministry of Agriculture, Solid Waste Management Unit and the Social Investment Fund in St. Vincent.
- A three-day workshop on 'Coastal Fisheries Resource Management and Enhancement for Caribbean Countries' held in St. Vincent, November 7th-9th, 2005. The workshop sought to inform and obtain feedback from regional fisheries representatives about the New Fisheries Cooperation Promotion Project.

8.4 Visitors to the Project Office

- Grades five and six of both the Clifton and Ashton Primary Schools have visited the office to see a video on the Soufriere Marine Management Area. The Project Manager discussed issues such as coral reef protection, plastics and littering and their impact on the environment as well as the impact of soil erosion on coral reefs.

- Reef Check used the office as a base during its St. Vincent and the Grenadines activities in March, 2005. Reef Check staff and the TCMP Rangers involved did data entry and analysis on the SGP computer in the conference room.
- Many tourists visited the office and were briefed about the project.
- CERMES MSc students on their field trip through the Grenadines in May 2005 visited the office and they were shown a PowerPoint presentation about the project.
- Three MSc students from CERMES carried out their research projects in the Grenadines and were based at the Project Office. Two worked on aspects of the Water Taxi Project and the third worked on management effectiveness in the TCMP.
- The video on Coral Reef Monitoring was shown and explained by the PIU staff to the Tobago Cays Rangers.
- An evaluation survey based on the Project Impact Analysis Framework was done in all the Grenadine Islands.

8.5 Contributions from Agencies:

Books from PADI project Aware Kids and from the Reef Check team were distributed to primary schools in the Grenadines. The Reef Check team visited schools in Union Island and Bequia to have discussions on important issues affecting coral reefs in the Grenadines and to conduct other simple activities to the primary schools. Many other documents and posters were provided from TNC, SMMA and CERMES.

9 PROJECT ADMINISTRATION

9.1 Staff

In June 2005 the contract for the Project Administrator was terminated. The position was refilled in mid-September by Ms. Alexcia Cooke. Ms Kimberley Baldwin was engaged for a month to provide support to the Project Manager.

9.2 Office

During the year 10 chairs were donated and a document display shelf provided on long-term loan by the Mayreau Environmental Development Committee (MEDO).

The project also acquired a number of other items such as a refrigerator, a microwave, two bookshelves, tools and other office equipment.

The foyer of the Project Office has been set up as an information resource area with newsletters magazines and other reading material available for interested persons.

9.3 Other offices within the project building

Two other organisations are now sharing the space provided for the SGP. The Union Island Tourism Bureau (UITB) occupied the front room of the building in September and will continue to do so until their new office is completed. The projected completion is March 2006. The Southern Grenadines Water Taxi Association has established a desk temporarily in the conference room of the building. They will move to the front office when it is vacated by the UITB.

9.4 Executive committee

The Executive Committee met twice during the year as planned: March 12th, and September 28th, 2005. Minutes of these meetings have been provided to SC members. Members communicated throughout the year by email, addressing a variety of project issues.

The EC receives Progress Reports from the PM at biweekly intervals. At the last EC meeting it was decided that these and all other outputs should be copied to the full SC on an ongoing basis.

9.5 Budget

The budget table below shows the project expenditures prior to the beginning of the current period (year 1) and during the current period (year 2).

Budget summary for 4th Meeting of the Steering Committee, Carriacou, December 2nd, 2005 (Accounting up to November 30th, 2005 (US\$))

ITEM	Item code	Actual spent year one	Budgeted year two	Actual spent year two	Balance year two	Total to date	Total project budget	Overall balance
PROJECT ADMINISTRATION								
Full Annual Meeting	I-01	8,039	4,000		4,000	8,039	20,000	11,961
Executive Committee Meeting	I-02		4,000	1,774	2,226	1,774	20,000	18,226
Project Management	I-03	9,000	18,000	13,500	4,500	22,500	90,000	67,500
Salaries and Benefits								
Manager	I-04		47,641	47,641		47,641	135,656	88,015
Administrative Assistant	I-05					0	112,267	112,267
Relocation	I-06		2,000	2,469	-469	2,469	2,000	-469
Operating								
Regional Travel	I-07	2,736	8,000	3,610	4,390	6,346	40,000	33,654
External Travel	I-08		1,500	1,511	-11	1,511	7,500	5,989
Communication	I-09	261	3,000	2,153	847	2,414	15,000	12,586
Supplies	I-10	191	4,000	221	3,779	412	20,000	19,588
Utilities	I-11	6	2,022	1,304	718	1,310	10,110	8,800
Janitorial	I-12	157	1,573	1,375	198	1,532	7,865	6,333
Maintenance	I-13		1,000	529	471	529	5,000	4,471
Capital								
Office Equipment	I-14	1,171	12,000	7,384	4,616	8,554	15,200	6,646
Office Furniture	I-15	186	7,700	7,176	524	7,362	10,100	2,738
Technical Services	I-16		2,000		2,000	0	10,000	10,000
CRITICAL ACTIVITIES								
Networking and Partnerships								
Project Development & Management								
Technical Services	I-17		5,000	6,523	-1,523	6,523	25,000	18,477
Sector Planning Workshops	I-18		5,000	1,916	3,084	1,916	35,000	33,084
Information & communications program								
Capacity building program								
Training Workshops	I-19		9,000	2,358	6,642	2,358	57,000	54,642
Attachments and changes	I-20		6,000	5,983	17	5,983	30,000	24,017
Mini-projects	I-21		10,000	8,003	1,997	8,003	50,000	41,997
TOTAL		21,747	153,436	115,430	38,006	137,177	717,698	580,522

9.6 Other inputs

The project has been supported by a variety of other inputs in the 2004-2005 time period. The estimated value of these is summarised below.

Contributions to the Sustainable Grenadines Project (IK = in-kind, \$ = actual funds)

Item/activity	Provider	Estimated cost (US\$)
Office	Government of SVG (\$)	18,000
SC and EC	Government of SVG (IK)	1,500
	Government of Grenada (IK)	1,500
	NGOs (IK)	?
Water Taxi Project	GEF ¹ (\$)	20,000
	Counterpart Caribbean (\$)	18,000
	CERMES Students (two) (\$4,000, IK2,000)	6,000
	CEC (IK)	2,000
Baseline survey	CERMES (\$3000, IK2,000)	5,000
Reef Check		
TCMP study	CERMES (\$2000, IK1,000)	3,000

¹ Remaining \$30,000 to come in 2006

APPENDIX 1: LEADERSHIP WORKSHOP

STRENGTHENING ENVIRONMENTAL STEWARTSHIP AMONG STAKEHOLDERS IN THE GRENADINE ISLANDS PROJECT

REPORT ON PARTICIPATORY COMMUNITY BASED LEADERSHIP COURSE

**SEA WAVES UPPER LEVEL, CARRIACOU
OCTOBER 20 – 21, 2005**

**MARTIN BARRITEAU
NOVEMBER 2005**

1. Background

Leadership training was recognised as an important component of strengthening environmental stewardship among stakeholders in the Grenadine Islands both for the Sustainable Grenadines Project and the Water Taxi Project. This workshop is one in a series of three; the first dealt with people and their role in leading and supporting leadership, the second and third will address the institutional and administrative processes and procedures of accounting and reporting of community base organizations in the Grenadines.

2. Workshop Objectives

The objective of the workshop was to strengthen community base organisations by developing effective leadership in the Southern Grenadines.

That objective was strongly supported by the following theme: “From Ideas and Vision to Reality” which gave the workshop a sentimental overtone beckoning participants to look within themselves where a vast array of leadership skills lay waiting to be awakened. The premise that anyone can lead once they have the right tools was highlighted in the workshop and the tools were provided.

3. Activities and Methodology

The workshop was covered over a two-day period and commenced with an opening prayer, welcoming remarks by CEC President Virginia Fleary-Noel followed by working sessions.

The sessions were very interactive where participants were made safe to challenge their unborn leadership skills. The techniques used throughout the workshop centred on Neuro Linguistics Programming [NLP], which guided participants to use their sensory and other built-in qualities to enhance their leadership potential. Participants were exposed to a wide range of individual and group exercises and practiced leadership tools in self knowledge, foundation skills for leaders, heightened communication skills, information gathering, generating effective behaviours and motivational state and motivational profile.

The room was decorated with ten empowering leadership idioms which created a ritual space for the theme and were referred to throughout the workshop. DVDs, CDs, power point presentations, picture images and flip charts were used to compliment the workshop course manual. A manual was given to each participant, which contained step by step guides to all the tools presented in the workshop. In addition, self guided motivation profile booklets were given to participants, for those who wanted to find out their own individual leadership style.

4. Participants

Thirty four participants turned out on both days to the workshop despite the inclement weather conditions, representing a wide range of community organizations throughout the Grenadines.

5. Workshop Outcome

- A. List of what Participants hoped to achieve from this workshop
1. Learn and improve on what I know.
 2. Help others to operate more efficiently.
 3. Help toward sustainable tourism.
 4. Gain knowledge, share with people.
 5. Learn leadership qualities and skills especially with children.

6. Learn how to be a better water taxi operator.
7. To be able to transfer skills and knowledge to people I work with.
8. Improve community group.
9. Be able to better manage the group and hold them together as a group.
10. Learn something new on leadership.
11. Professionalism.
12. Help to motivate others.
13. Assist the many groups; learn from the experiences of the other Grenadine Islands.
14. Identify my weaknesses and the strengths of representatives here.

B. Ground rules set by participants for the workshop

1. We must respect each other's point of views.
2. Don't speak when someone else is speaking.
3. Leave personal agenda outside.
4. Let us conduct ourselves professionally.
5. All sessions must start promptly.
6. Talk about the issues in a polite way and not the person.
7. All matters should be addressed to the chair.

C. Summary of the characteristics of leaders after group work

1. Characteristics
2. Passionate
3. Commitment
4. Transparent
5. Approachable
6. Assertiveness
7. Visionary
8. Confidence
9. Persistent
10. Charismatic
11. Integrity
12. Patient
13. Humble
14. Assertive
15. Motivator.

6. Evaluation

Ranking of workshop by participants?

Excellent good fair poor



7. Recommendation

The interest and response to that workshop indicated that there is need for much more of the self/institutional enhancing workshops, such as, self esteem enhancement, change management, team building, performance management, strategic planning.

8. Annexes

1. Course Manual
2. Motivational profile.

APPENDIX 2: CONCEPT PAPER ON REGATTA ENHANCEMENT

Centre for Resource Management and Environmental Studies	Projects Promotion Ltd.	Carriacou Environmental Committee	Caribbean Conservation Association
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Grenadines Regatta Enhancement Projects Resulting from the Regatta Enhancement Workshop Prepared by the Sustainable Grenadines Project

Annually there are several small regattas in the Grenadines that attract boating enthusiasts from both the Grenadines and abroad and contribute to the local economy of the Grenadines. Currently the regattas are island-specific and there is a desire to develop a wide-scale Grenadines Regatta experience. The Sustainable Grenadines Project recently hosted a one day workshop with members of each of the individual island regatta committees and tourism associations in the Grenadines. Four Grenadines regatta-based projects proposals resulted from the Regatta Enhancement Committee Meeting. These included courses on: motivation to increase participation in Grenadines Regattas, management training for Regattas and a Regatta website development course. Another major project is funding for an event management course to increase organization, marketing, public awareness and sponsorship for the overall Grenadines Regatta experience. The last two projects are based on involving youths in the Grenadines Regattas. These include a safety at sea course and a traditional wooden boat building course. These were developed in order to renew the interest in the tradition of Regattas within the youths of the Grenadines. The total estimated budget for all four of these projects combined is \$36,100 USD.

Project 1: Motivation, Management Training and Website Development

This capacity building programme would develop skills in three areas: motivation, management and website development. The total cost for this programme would be approximately US \$3,850.

Key activities: Three courses

- Motivational exercises
- Management Training
- Website Development

Motivational speaker

A consultant would be contracted to teach empowerment and encourage committee members to participate in regatta activities.

- Cost: US \$1,100
- Timeframe: six week course

Management training

A consultant would be contracted to teach:

1. Management skills and product development
2. Letter writing to attract sponsorship
3. How to construct a business plan

- Cost: US \$750
- Timeframe: four week course

Website development & management

A consultant would be contracted to train committee members to develop and manage websites.

- Cost: US \$2,000 (plus travel and accommodation)
- Timeframe: eight week course

Project 2: Event Management for Grenadines Regattas

The purpose of this project would be to add value to the regatta experience through enhancement and proper packaging of the event

- Timeframe: one month

Key activities

- | | |
|------------------------------------|--|
| • Public consultation | • Marketing and promotion |
| - To discuss the current situation | - Advertising |
| - Review existing trends | - Budget |
| • Swot analysis | • Sponsorship |
| • Workshops | • Logistics |
| - Event planning | - Security, Lighting, Facilities, Food |
| - Identify target market | • Revenue options |
| • Packaging the event | - Innovative ways to generate income |
| | • Public awareness |

Budget (Total US \$8,750)

- Public consultation on feasible locations for regattas \$3,000
- Workshop \$750
- Marketing & promotion \$3,800
- Public education (awareness) \$1,200

Project 3: Safety/Survival at Sea for Youth

The purpose of this project is to train young people in being better prepared in the case of accidents or unforeseen incidents.

- Timeframe: five six week courses to be administered over a period to be specified

Key activities

- Try to find one trainer who has knowledge in first aid and life-saving as well as Rules of the Sea and boat safety
- Recruit young people for training (ages 10-16)
- Acquire three optimist boats (small training boats about 10 feet in length) through local boat builder
- Research insurance issue and the possible use of disclaimers
- Acquire training materials (books, videos, photocopying of downloaded materials, etc.)
- Acquire life jackets

Budget (Total US \$11,500)

- Consultant: five six-week courses for five islands @ \$450 per course = \$2,250
- Build three optimist boats @ \$2,500 each = \$7,500
- Training manuals \$1,000
- Six lifejackets @ \$125 for a total of \$750

Special considerations:

Training will take place locally and close to shore

Boats will have to be maintained in a seaworthy condition

Potential trainers may be able to take part in water taxi association training (value added)

Project 4: Youth Training Programme in the Skills of Traditional Workboat Building

The purpose of this project is to teach wooden boat building skills to young people in order to preserve and maintain the culture of Grenadines sailing.

- **Timeframe:** Six months (five hours per week)

Key activities

- Identify suitable trainer
- Identify six young people (students, ages 12-16) interested in learning boat building and woodwork skills
- Identify a location where a boat can be built
- Purchase tools and materials necessary
- Arrange working hours
- Begin training sessions
- Publicise work to find/attract sponsors for further boats
- Build the boat (18') and sail it!

Budget (US \$12,000)

Trainer: 150 hours @ \$50 per hour = \$2,800

Tools: plane, saw, hammer, etc = \$2,200

Materials: wood glue, nails, etc = \$3,800

Rig: mast, sails & paint = \$3,200

- a. The cost of tools is a one-off so if money can be found for building more boats, they will be cheaper to build.
- b. Sponsorship could be found for a suit of sails.

Possible Sponsors / Funding Sources:

1. Hairoun Beer Products (as Regional Grenadines Sponsor)
2. Sunsail/ Moorings Yacht Charter Companies (Regional Sponsor)
3. CAST (Caribbean Alliance for Sustainable Tourism)
4. CTO (Caribbean Tourism Organisation)
5. WTO (World Tourism Organisation)

APPENDIX 3: GREEN SCHOOLS CONCEPT PAPER

Centre for Resource
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Conservation
Association



Barbados

SUSTAINABLE GRENADINES PROJECT, Clifton, Union Island, St. Vincent and the Grenadines.
Tel# (1784)-4858779 e-mail: grensus@vincysurf.com, susgren@vincysurf.com

A Green Schools Programme for the Grenadines

Concept Paper

Introduction

Through a Green Schools Programme, youth of the Grenadines will learn sustainability by living it every day at school, so that when they leave school these ideas will have become a part of the way they think and approach life. They will take these ideas home and into the workplace when they graduate. Over time, the majority of young adults will have had this exposure, and sustainable living will become a part of the culture of the Grenadines.

The Green Schools concept has been taking root in many countries. The Sustainable Grenadines project has been exploring the possibility of implementing such a programme in Grenadines Schools. The first step towards this was to bring together teachers from Grenadines secondary schools, representatives of ministries of education from Grenada and St. Vincent and the Grenadines and a Green School expert from Canada to explore the feasibility, interest and direction for a Green Schools programme in the Grenadines. The workshop was held in Carriacou on May 27th, 2005. Participants shared their experiences with implementing environmental programmes in Grenadines Schools, reviewed an established Green School programme at Upper Canada College in Toronto and outlined the key elements of a successful green schools programme for the Grenadines. The conclusion of the workshop was that an adapted programme would be feasible, and highly desirable for Grenadines Schools. Indeed participants were of the view that it was essential to put such a programme in place if current trends towards the degradation of natural resources that sustain livelihoods are to be reversed².

The Green Schools Programme at the Upper Canada College aims to achieve the following outcomes:

- **Ecological Literacy:** To develop, in each student, a comprehensive understanding of the basic patterns and processes by which nature sustains life and how these core ecological concepts relate to sustainable human communities.
- **Learning It by Living It:** Model as an organization, how core ecological concepts can be applied to create sustainable human communities.
- **Environmental Ethic:** To develop an environmental ethic in all members of the UCC community.

² CERMES. 2005. Report of the Grenadines Green Schools Planning Workshop, May 27, 2005, Carriacou, Grenada. Centre for Resource Management and Environmental Studies, University of the West Indies, Cave Hill Campus, Barbados, 18 pp

- **Contributing to Society:** To fulfil the College's commitment to be a private school with a public purpose through research, publications and outreach in the areas of outdoor and environmental education, environmental monitoring, and sustainability.

The UCC programme comprises three major areas³:

- Organizational behaviour,
- Curriculum, and
- Facilities

These were considered to be an appropriate framework for developing the Grenadines Programme.

The approach to developing and establishing the GS programme in the Grenadines

A two-phased approach to the GS Programme is proposed. The first phase will be about four months, and will develop a comprehensive strategic and action plan for the second phase. It is envisaged that the second phase should be for at least five years if the GS programme is to become sustainably established in the school system.

Phase 1

In Phase 1, the development of the comprehensive strategic and action plan for the GS Programme will be involve adapting the programmatic approach used by the UCC to the Grenadines circumstances. This will be based on site visits to participating schools to determine what types of activities are feasible. Other needs, such as overall coordination, curriculum development support and school staff capacity building will also be determined. These will then be combined into an overall programme.

Phase 2

In Phase 2, the strategic and action plans will be implemented over a period of about five years. The following components are envisaged:

- A full-time coordinator;
- An individual who focuses on curriculum development (depending on the number of schools involved);
- Plans for each school;
- Staff development activities;
- Networking among schools;
- Networking of schools and other stakeholders.

Estimated costs

The estimated cost of Phase 1 will be about US\$35,000 to include: Green School expert fees, travel and accommodation costs, stipend for a Grenadines counterpart, final review workshop. The Sustainable Grenadines project will provide coordination for this Phase.

The estimated cost of phase two will depend largely on the scope of the strategic and action plan prepared in Phase 1 and the numbers of schools that will be involved. Owing to the long-term nature of such a project, it is considered most appropriate to engage as many schools as possible at the outset. This also creates a critical mass in the Grenadines and promotes exchange of ideas and successes among schools. A full Green Schools programme engaging all 19 Grenadines schools (five secondary and fourteen primary) over an initial five-year period is likely to cost in the order of \$1.2-1.5 M.

³ Upper Canada College. 2002. A Green School for the 21st Century. Proposal Approved by Board of Governors, June, 2002. 20 p.

APPENDIX 4: DRAFT PROPOSAL FOR FISHERFOLK WORKSHOP

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Carriacou
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Carriacou, Grenada

Caribbean
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Barbados

SUSTAINABLE GRENADINES PROJECT, Clifton, Union Island, St. Vincent and the Grenadines.
Tel# (1784)-4858779 e-mail: grensus@vincysurf.com, susgren@vincysurf.com

Fisherfolk planning workshop Proposal

Introduction

Fishers and other workers involved in the fishing industry were identified during Phase 1 as key stakeholders in sustainable use of marine resources in the Grenadines. Their effective involvement in these matters was seen as depending on their achieving some level of organisation for collective self-help. Fishing industry workers and others interested in Grenadines fisheries need to find ways to assist each other to achieve the fisheries-related visions and goals of organizations and individuals. The workplan for year one of the SG Project provides for an initial workshop to determine how best to pursue this.

Workshop purpose

To engage fisherfolk in the Grenadine Islands in discussing approaches to strengthening their capacity for co-management and collective action for self-help aimed at sustainable resource use and personal well-being.

Workshop approach

The workshop will take place over almost two days, and is divided into three parts.

Morning - day 1

- Welcome and introductions
- Workshop background and purpose
- Brainstorming key issues and opportunities (sticky wall)

Afternoon – day 1

- Co-management approach
- Who are stakeholders
- Assisting and resisting factors
- Ideas for projects that could help

Morning - day 2

- Develop project ideas, in small groups
- Review project ideas together
- The way ahead (schedules and responsibilities)

Outputs




The main outputs will be:

- A suite of small to medium-sized projects that can be developed for funding. These may form a single cohesive package or may be separate initiatives.
- Fishers and other stakeholders engaged in productive, informed discussions and prepared for ongoing dialogue leading to successful project implementation.

Participation

Participants	Number
Fishers from key areas, islands	
Bequia, Paget Farm	3
Mustique	2
Canouan	3
Mayreau	1
Union Island, Ashton	3
PM	2
Carriacou, Harvey Vale	3
Carriacou, Windward	3
Fisheries Division staff	
Fisheries Officer SVG	1
Fisheries Officer Grenada	1
Complex Manager, Paget Farm	1
SG Project	4
Other (e.g. Canouan complex manager)	3
Total	30

APPENDIX 5 (A-C): REPORTS OF ATTACHMENTS AND EXCHANGES

Centre for Resource Management and Environmental Studies	Projects Promotion Ltd.	Carriacou Environmental Committee	Caribbean Conservation Association
	St. Vincent and the Grenadines	Carriacou, Grenada	
University of the West Indies Barbados	Supported by the:		Barbados

SUSTAINABLE GRENADINES PROJECT, Clifton, Union Island, St. Vincent and the Grenadines.
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Attachments to Soufriere Marine Management Area in St. Lucia and the Brimstone Hill Fortress National Park in St. Kitts.

Jeremiah Jones and Wendell Rock, from the Southern Grenadines Water Taxi Association (SGWTA) and the Carriacou and Petite Martinique Water Taxi (CPMWTA) Association went to the Soufriere Marine Management Area (SMMA) in St. Lucia. Ms. Hamlet from the Carriacou Historical Society (CHS) went to the Brimstone Hill Fortress National Park in St. Kitts. Their experiences are documented in this report.

A. Wendell Rock – CPMWTA: Attachment to SMMA Lessons Learnt

System of operating in rotation

This is a system whereby the operators operate from a point (of which there are several around the SMMA) in rotation. They work in a shift system, for example several of them would work from Monday to Wednesday and others from Thursday to Saturday and they would take customers one after another. This system is facilitated by the hotels and travel agents especially since passengers can be compensated if they become injured.

This level of organisation was impressive since it seemed effective and professional and could be applied in the Grenadines. This type of system could serve to reduce the conflict among operators relating to the undercutting of prices by others seeking to get as much business as possible.

Establishment of safety standard

The WTA has laws associated with safety and certain standards must be met before a license is issued. The boats must have the necessary safety equipment as well. The water taxi operators could also help to ensure that these are met within the SMMA as well as assisting in the monitoring of the SMMA for compliance with its rules. The fact that the SMMA was zoned for different activities was also striking. The presence of moorings meant that operators could not drop their anchor anywhere. This measure leads to greater preservation of marine life, especially the reefs.

This may be applicable the Grenadines especially where there are Marine Parks established and proposed.

Website for water taxi operators

This is a way of allowing everyone to see what is going on with respect to its members. This could be an effective way of communicating especially if there is a project office where everyone would be able to gain access.

B. Jeremiah Jones – SGWTA: Attachment to SMMA

Lessons Learnt

This trip to St. Lucia has placed me in a good position to assess where the water taxi association is with respect to its development and the direction in which it must go, having seen the level of development and organisation in St. Lucia.

There seems to be a more professional and responsible approach to water taxiing in St. Lucia especially at the level of the operators who operate under the rules and regulations established by the SMMA and the Water Taxi Association. This type of approach by WTOs is lacking in the Grenadines and is promoted by the lack of enforcement of the laws. An example of this is the speeding within the harbour and the lack of safety equipment by WTOs, which is crucial to safety of passengers.

The comfort of the customers is important and this is not evident here. The boats are well kept in St. Lucia and are enhanced by the use of biminis, which are not only fashionable but functional as well in protecting customers from the direct rays of the sun. There are very few water taxis in the Grenadines that offer this type of service and it would be a plus especially if customers are simply going for a tour of the Grenadines.

The water taxi operators in St. Lucia are also equipped with a vast knowledge of the island. As they go from point to point they are able to give a brief history of the various attractions. This would be a good thing to adopt so that visitors feel as though they have taken something away from the experience. There is also information on the areas within the SMMA and the history of the island at the WTA office.

The use of moorings was also impressive and this is something that should be seriously considered especially in the Tobago Cays Marine Park (TCMP). Along with the moorings there should be enforced rules and regulations for operation within the TCMP.

C. Maria Hamlet – CHS: Attachment to Brimstone Hill

The Brimstone Hill Fortress National Park is funded by UNESCO, European Union, The Canadian fund, The British High Commission, UNDP among others. The national park in turn funds various projects eg. Education Learning Kit for schools. The exposure to the Brimstone Hill Fortress was very important and will help in the development of various site projects the CHS hopes to undertake. There were various components to the national park that the CHS can use in the development and enhancement of its operations. These areas include the:

1. **Exhibits:** There are artefacts and antique equipment associated with the different periods throughout the islands history. There were games, photographs of important personalities of the island along with past educators. There were depictions of the growth of the labour movement and the evolution of the education system on the island.
2. **Marketing:** There is a website, email address and business cards to promote the park. The brochures were impressive since they were delivered in different languages.

3. **Documentation centre and its functions:** The documentation centre is a resource centre for adults and children where membership fees apply. This centre provides appropriate storage for the books, documents, photographs, maps and videos. The books and documents covered a wide range of topics on: architecture, archaeology, agriculture, biodiversity, culture, environment, fisheries, forestry, geology, historic sites, history and personalities. These materials could be bought, borrowed, photocopied or loaned.
4. **Archive:** Newspapers, calendars, books not in print, calendars, photos, history books, etc. are found in the archives. The appropriate conditions for such a facility were present and included air-condition, fluorescent bulbs, dehumidifier, acid-free tapes for the preservation of materials.

Recommendations for the growth of the Carriacou Historical Society and Museum:

1. The need to create a website and e-mail address.
2. The need for permanent staff including an archivist.
3. Brochures to be printed in other languages.
4. Ideas for gift shop: Crafts such as magnets, mugs, key rings, coasters, paperweights, book-marks, mouse pads etc.
5. Attractive packaging of gifts purchased at gift shop.
6. Equipment: Video and digital cameras.
7. Establishing link with the National Museum of Grenada and other societies regionally and internationally.
8. Investment of surplus funds
9. The need for ongoing training for Management of the Society.

Special thanks to: The Sustainable Grenadines Project
Mr. Casper Smith
Dr. Mahon
Mr. Larry Armony
Staff at Brimstone Hill Fortress & Administrative Office
Staff at the Nevis Historical & Conservation Society
Staff at the Horatio Nelson Museum
Staff at the St. Christopher Heritage Society & Museum
The Carriacou Historical Society

APPENDIX 6: REPORT ON CEC INSTITUTIONAL STRENGTHENING



John 'Oscar' Blair

C.P.M.W.T.A



MoCPMA

Tyrrel Bay Marina



Grenada Dove
Carriacou Environmental
Committee

PROJECT NAME AND LOCATION

Constructing CEC Office: CARRIACOU

Carriacou Environmental Committee



Report

PERIOD
2005

Prepared by:
Virginia Fleary-Noel
Martin Barriteau

A. BACKGROUND

Problem and need:

The passage of Hurricane Ivan on September 7th, 2004 completely destroyed the roof of the Evangelical Church, home of the Carriacou Environmental Committee (CEC) Office. Apart from not having a place to function, the CEC lost 2 computers, a photocopier and a considerable amount of its documents. Determined to continue the operations of the CEC, the president had to set up a make shift office at her home. Hurricane Emily in July 2005 destroyed the roof of the Caribbean Regional Environmental Programme (CREP) project manager's apartment, where most of the CREP/CEC office administration has been taking place.

In the months following the passage of Hurricane Ivan, an assessment of the status of the CEC concluded that an office from a metal container positioned on its own piece of land would be the most sustainable means of operating.

Objectives, composition and brief history of CEC:

The CEC is a non-profit, non-governmental organisation (NGO), which was formed in 1991. Its constitution makes it a community based organisation, with membership open to everyone, though most of the members are in fact stakeholders. The CEC was legally registered as a non-profit company in 2002 and it has been guided by the following objectives: to preserve Carriacou and the Grenadines' natural environment and historical sites; to educate Carriacouans about the appropriate use of natural resources whilst limiting damages; and to develop environmentally sustainable projects with an eco-tourism nature; livelihood protection and poverty alleviation focus.

The 40 registered members of the CEC elect an executive body that is entrusted to lead with policy formation and the business of the organisation for twelve months. The president, Virginia Fleary-Noel also acts as general director. The vice-president, secretary, vice-secretary, treasurer, assistant treasurer, public relations officer and three trustees assist her.

CEC's major focus from its inception was to return Sandy Island to the pristine and scenic island it once was through reforestation and controlled use. The present CREP project came as a result of this initiative, which aims to establish the Sandy Island/Oyster Bed Marine Park Area (MPA).

Matching Funding for CEC Office Construction:

To complete and equip the constructing of the CEC office a number of community organisations, government and individuals have made valuable contributions, which indicate a perfect example of matching funding. The list of contributors is as follows: The Ministry of Carriacou and Petite Martinique Affairs (MoCPMA), Sustainable Grenadines mini project, Southern Grenadines and Carriacou and Petite Martinique Water Taxi Association Water Taxi Project, CERP, CEC, Tyrrel Bay Marina and Mr. John 'Oscar' Blair.

B. ACTIVITIES AND ACCOMPLISHMENTS

Obtaining a 40ft container/land area:

A drive to obtain a container and a piece of land was undertaken by the CEC's president and the CREP's manager. John Blair an environmentally conscious citizen donated a 40ft metal container and the MoCPMA donated a piece of land at the Market Yard. An air condition unit was donated by Mr. Peter Peat through the Tyrrel Bay Marina.

Immediately after Hurricane Ivan, one computer was donated by the Sustainable Integrated Development and Biodiversity Conservation in the Grenadine Islands Project (SGP) which

allowed for the work of CEC/CREP to continue. The strengthening Environmental Stewardship among Stakeholders in the Grenadine Islands Project (Water Taxi Project) through its inception contributed further assistance to CEC by providing two computers, printers, scanners, office chair, two desks and stationery.

The mini project funds of EC\$5,300 was used for site preparation/leveling area and preparing foundation; purchase of windows and a door; setting up of a 40ft metal container on the site; building a step and fitting water facilities to the container and building a roof over the container as indicated in Appendix 1.

The CREP project has spent about a total of EC \$8,216.70 on labour, material and transportation as indicated in Appendix 1.

C. CURRENT CHALLENGES AND PROPOSED RESPONSES

Delayed start of the project:

This was due mainly to a slow process of obtaining a piece of government land from the Ministry. There were numerous field visits to possible sites, meetings with the Minister and the Ministry officials and trips to Grenada.

High cost of labour:

The CEC executive suggested that the office should be built using membership labour and went on to form an office committee in which to do so. The poor showing of members to the construction site caused much delay in starting, which led to the CREP project having to hire a contractor to undertake the construction of the office.

D. Status of Construction Activities

The container is now fitted with a step, water and sprouting facilities and holes to fit the door, windows and the air condition unit. The door, windows, AC unit and insulation are all present and will be fitted in the next stage of construction. The CREP Project and CEC will cover the costing of the completion of the office.

Summary Table of Contributors to date

Organisation	Description
MoCPMA	Land
John 'Oscar' Blair	A 40 ft metal container
Sustainable Grenadines Mini Project	EC\$5,300.00
Susgren	Computer
Water Taxi Project	Two computers, printers, scanners, office chair, two desks and stationery
CREP Project	EC\$8,216.70
Peter Peat (Tyrrel Bay Marina)	AC Unit/ Insulation
CEC	Material/Office Equipment

E. Appreciation of Support

The CEC and the CREP project express a sincere thank you to the SGP for all the support and contribution it had and continues to give to CEC which allows for the continuation of its operation after Hurricane Ivan. CEC looks forward to a continued strong working relationship with the SGP in the future.

Appendix 1: Southern Grenadines Sustainable livelihood Mini Project															
Union Island / CERMES Barbados															
Project disbursement Country: Carriacou															
Project Name:		Constructing CEC Office													
		Carriacou Environmental Committee													
Project Period:		January 2005		Ending:		June 30 05									
							Southern Grenadine Mini Project	CREP Carriacou Project	Carriacou and Petite Martinique Water Taxi Association	Ministry of Carriacou and Petite Martinique Affairs	John Oscar'	Tyrrel Bay Marina		Bank charges	Total Expenses
Cheque #	Date	Payee	Details	Deposit	W/drawal	Balance	CONTRIBUTION FROM VARIOUS SOURCES								
				5,300.00		5,300.00									
79203	23-Jul	Paddy's Enterprise	Building Materials: Cement, Steel, Ply/Board		1,000.00	4,300.00	1,000.00								
79201	19-Aug	George Duncan	Digging foundation holes [21/2ft X11/2ftX8ft]		400.00	3,900.00	400.00								
79206	14-Sep	Venna Bullen & Son	One Office Door		415.00	3,485.00	415.00								
79207	30-Sep	Paddy's Enterprise	Building Materials:Galvanize, Windows, Cement, fittings		2,994.51	490.49	2,994.51								
Petty Cash/79209	30-Sep	Paddy's Enterprise	Water Tank		490.49	0.00	490.49								
						0.00									
		CREP Project	Labour				3,600.00								
			Materials				2,616.70								
			Transportation				2,000.00								
		CPMwTA	Office Equipements; computers/desk					Office Equipements							
		MoCPMA	Lands area for office						Land						
		John 'Oscar' Blair	Donated a 40ft Container								40ft Container				
		Tyrrel Bay Marina	one AC Unit and two rolls of insulations									AC/Insulation			
					5,300.00		5,300.00	8,216.70	Office Equipements	Land	40ft Container	AC/Insulation			

Photographs of CEC Office under Construction:



APPENDIX 7 (A-C): REPORTS OF MINI-PROJECTS

A. Mini project report on Project Hope

Name of Organisation: Young Help Striders 4H Club

Contact person: Mrs. Anne Harvey

Contact: phone/fax/ e-mail: 458-8769 / 485-8889

What was done and by whom:

There were 15 youths involved in this project; eight of which were females and seven males. There were also adults who participated in the building of the fish pots. They worked well along with the youth to ensure that the project was a success. On June 11th the project boat (Figure 1) was finished and the rowing component of the project was commenced.



Figure 1: Youth about to go on rowing training

The youth and community members came out to be taught the skills of fish pot making and fishing (Figures 2 to 5). It was noted that the females were much more enthusiastic about this process than the males and worked extra hard to develop the skills. The youths were taken out into the woodland areas to find sticks to complete the fish pots. They were also taken out to sea by resource person Mr. Harvey who is a fisherman. He taught them how to row a boat and took them out to sea where he instructed them on how to fish responsibly with fish pots. He also took them out to do moonlight fishing and conch diving.

The fish pots are raised once per week with an average catch of three pounds of fish per pot. This catch is being shared among club members although it is hoped that a market will be developed for the fish.



Figure 2: Youth and community members making fish pots



Figure 3: Men working on a fish pot



Figure 4: Young men involved in making fish pots



Figure 5: Women involved in making fish pots

Deliverables

The project resulted in two main products:

- Four fish pots were made thus far but training is being continued since the wire bought can make up to 16 fish pots.
- One boat

Sustainability of the Project

Mr. Harvey continues to work with the club to ensure that the fish pots are cared for properly. The project may be sustained and training continued through funds attained from the sale of the fish. This may be enhanced by the used of an engine which will result in fish pots being placed further. Revenue from this project will be used for the continuation of the training program.

Limitations

The project was set back by one month because the wrong roll of was shipped to us for the fish pots. The club had to constantly remind the boat builder of the deadlines for the project. This caused a minor setback with the implementation of the project. Another limitation is that

because the pots are being retrieved by rowing, the distance at which pots can be placed is limited.

Conclusion

The objectives of project hope were achieved throughout the course of the project. The youths involved were taught the techniques involved in rowing and building fish pots. The aims to incorporate the older generation and to have them work along with the youths to not only involve them in activities but also to bridge the generation gap was achieved.

B. Mini project report on Big Pond Beautification and Park Project

Name of Organisation: Bay a Leau Development Committee

Contact person: Mr. Cuthbert Cyrus

Contact: phone/fax/ e-mail: 1-473-443-8825/7790

What was done and by whom:

Tree planting – Although the project targeted the planting of twelve trees as a first phase requirement due to the availability of individual plant protection (BRC mesh) that could have been afforded, we planted eleven (Figure 1).

Landscaping – 15 persons participated in this venture along with the use of heavy equipment. The community came out on three weekends and demonstrated for the first time true ownership of their community. They pruned some of the trees and cut others down as suggested by the Ministry of Agriculture protocol.



Figure 6: Trees planted around the pond

Benches and Gazebos – To date however, although braving so many challenges we are satisfied in being able to have completed two gazebos and two double back benches (Figure 2) with a total cost of :

Grant	\$5300
Community cash	\$1350
Community in-kind	\$4733
Total	\$11383



Figure 7: Two gazebos constructed around the pond

Deliverables

- Trees were planted
- Two gazebos
- Two double backed benches
- An enhanced area that is well kept

Sustainability of the Project

The community plans to continue to prune the trees around the pond since we recognized the need for continuous pruning as an ongoing campaign. As the young trees grow, we will plant new trees around the pond according to the Ministry of Agriculture's protocol and reuse the BRC wire to enclose those trees.

Limitations/Challenges

The construction of the benches and gazebos was somewhat, a bit of challenge due to two main factors. These include:

The ever increases in material prices due to the high demand after Hurricanes Ivan and Emily
 The unavailability of key resource personnel to work when material are available and vice versa
 These challenges caused the project to take longer to implement.

Conclusion

The organization termed the entire exercise as a success as both adults and youths took pride in participating especially in the tree planting. There was community involvement which means that they appreciate what was being done. The area has been enhanced with the trees and the area can be utilised for relaxation by community members. Committee members learned a lot from implementing this project and we hope to extend the project to make the area even more attractive.

C. Mini project report on the Jeff Gregg Drain Rehabilitation Project

Name of Organisation: Sand Watch SIV Youth Project

Contact person: Mr. Herman Belmar

Contact: phone/fax/ e-mail: 1 784- 458-3514 1784-4583153

What was done and by whom:

Students and teachers of the BCHS Sand-Watch, SIV Youth group and volunteers from the community (Figure 1) participated on many occasions in cleaning the debris from the area and publicising the results in the national papers.



Figure 8. Students working on the construction of the debris traps

A clean up campaign was done and the area was cleared from large accumulation of garbage that was brought down the area during Hurricane Ivan. The participants constructed debris traps at both ends of the culvert. The steel mesh used allows water to filter through readily. The trapped solid waste deposits were collected and disposed of through the Solid Waste Management Unit. The students also collected water samples to test for Coli form bacteria. The samples showed that the bacteria were present at the site.

Deliverables

This project saw the development of:

- Garbage bins made of crushed/discarded bottles collected at the site.
- The construction of benches made from bottles and glass and then erected under the trees so that people can use them for relaxation (Figure 1).
- Debris traps to prohibit garbage crossing from either side of the culvert

Sustainability of the Project

Students from the school were given an educational tour and a discussion was held on both liquid and solid waste and how they can impact negatively on the marine and terrestrial environments. There has been a continuous public awareness campaign on the importance of proper garbage disposal. Fishermen were educated on matters concerning the protection of their marine environment.

A sense of pride was restored by community people as the area was planted with grass and trees which both retain the soil with the trees providing shade for community members who use the area. The eroded areas were filled with topsoil and park benches were constructed so that people may use them for relaxation.



Figure 9. Benches constructed by the project



Figure 10. Completed debris traps on the culvert

Limitations/Challenges

There were several setbacks and challenges encountered by the project. These included:

- The dry season is particularly harsh in this area and we were therefore unable to grass the area and plant the desired trees at this time. This phase of the project will be done as soon as the seasonal rains start.
- A recurring problem of debris that drifts from the sea into the site which results in a constant pile up of garbage blocking the culvert.
- Some residents expect the project implementers to be the watch dogs of the environment and to be responsible for clearing the area.
- Goats and sheep eat the plants and also uproot the young trees due to their long chains which dragged behind them.
- Some people are sceptical about the project and continue to be negative about the use of the facility.

Conclusion

The project has met most of the objectives established in the project proposal. The testing of water quality, the clearing of the debris and the construction of debris traps, environmental education awareness campaign for the community as well as students was done and the construction of the benches for relaxation were all accomplished.

APPENDIX 8: ASSESSMENT OF MINI-PROJECTS, 2005

Bay a Leau Big Pond Enhancement Project

Bayaleau's Big Pond site is a large project which exceeds the money given by the SG project. Mr. Cyrus The project stated that the project is incomplete and requires additional funding. The PIU staff was able to see evidence of the work done from the money donated to the Project. There were trees planted around the pond which are secured by wire fencing to protect them from being destroyed by animals. The site needs a lot more work but the funds from the mini-project have helped to improve the site aesthetically (see Appendix 7).

CEC Office

The CEC office is progressing well with the container now being prepared for insulation and the installation of windows and the door (see Appendix 6). Thus far, the building has been equipped with its water storage tank and the stairs to the building have been constructed. Mrs. Fleary-Noel explained that much of the work was halted by the bad weather affecting Carriacou recently.

Young Help Striders 4H Club

The 4-H club showed the PIU staff an unfinished fish pot that the children built and the boat for rowing (see appendix 7).

Jeff Gregg Project, Bequia

The site at the Jeff Gregg Project was visited by the PIU staff. The site is still being affected by garbage. According to one of the teachers from the school and a member of the project team, the school cleans the site every 3 months but the garbage problem remains (Figure1).



Figure 1. Jeff Gregg Project Site in Bequia

APPENDIX 9: ASSESSMENT OF THE SUSTAINABILITY OF PHASE 1 MINI-PROJECTS

Three Phase 1 projects were assessed for their sustainability: the monument at Windward, Carriacou, the shed in Petite Martinique and the MEDO garbage project. Projects not visited include the beach clean up in Bequia and the Canouan catchment project.

Carriacou Historical Monument, Carriacou

The site was found to be poorly maintained although the monument was still in very good condition. The surrounding area was filled with pieces of wood and scrap iron while the pathway to the monument had not been maintained and was almost indiscernible (see photos below).



Figure 1 Photographs of the Monument at Windward in Carriacou

Site Enhancement at Sanchez Beach, Petite Martinique

There were varying perspectives on the shed built in Petite Martinique. Some residents saw the shed as a multi-purpose facility used by many of the community members for shade when watching sporting activities or when waiting for transportation. It is also used for relaxation by both young and old. The other perspective is that the shed promotes lawlessness by the young men who use it to as a place for gambling and other such activities. The structure was found to be in good condition and the surroundings well maintained.



MEDO Sustainable Garbage Disposal Project

The project was found to be well appreciated and this was evidenced by very good condition in which most of the bins were found. Each household is responsible for their own bin which has the household name printed on it. Residents said that the project helped to improve the garbage problem but there is need for proper management of the dump site. This would ensure that the correct procedure is followed when residents dump the garbage so that the rodents and pests can be kept at a minimum. With the effort made by residents to care for the bins, the project may be sustainable for a long time.



Photographs of the MEDO Project

APPENDIX 10: RAINWATER HARVESTING PROJECT

16 September 2005

Mr. Casper Smith
Project Manager
Sustainable Grenadines Project
Union Island
ST. VINCENT and the GRENADINES

Dear Mr. Smith,

Re: Rainwater Harvesting Project

The Caribbean Environmental Health Institute is about to embark on a UNEP funded project which is part of a larger programme addressing water augmentation options for our Member States, and also supports the Millennium Development Goals. We are specifically preparing to initiate activities relating to Rainwater Harvesting technologies and implementation.

We have proposed that the Rainwater Harvesting project be approached initially as a pilot study conducted in Grenada, Carriacou and Petit Martinique. Once this has been completed and evaluated taking into account the deficiencies and strengths, the process can be replicated for the other countries. We have the endorsement of the Grenada Government and we hope to work closely with the Ministry of Health, NAWASA and other relevant stakeholders. The immediate output would be a customized Rainwater Harvesting Programme for Grenada, Carriacou and Petit Martinique.

To that end, we are requesting any information or documentation that you can provide as it relates to general water utilization, rainwater harvesting, as well as water related health, community development, social, economic and other issues. We would appreciate this and any other documentation that you feel is relevant or would add value to the outcome of this project. An officer from CEHI will be in touch with your organization shortly to follow up on this request and discuss details regarding data transfer.

We look forward to working with you and sharing information for the ultimate improvement in the health and safety of our constituents.

Sincerely,



Vincent Sweeney
Executive Director

APPENDIX 11: COMMUNICATIONS PLAN

Communications Plan for the Sustainable Grenadines Project

Channels for Communication	Tool	Target group (St Vincent and Grenada)	Timing	Event	Topics	Comments
Newspaper Information on workshops, conferences, Project Updates and accomplishments	Use Press Release Template (Email / Fax)	Private Sector, Communities, General Public, Schools, SusGren Members	Weekly if possible	Whenever Project has Information to be released	Programmes Updates Workshops	See Excel Spreadsheet with all media contacts (distribute by email or fax) Record and File ALL printed publications
Radio (same as newspaper press-release)	Use Press Release Template	Private Sector, Communities, General Public Schools	Weekly if possible	Same as newspaper	Programmes Updates Workshops	Same information to be distributed to radio and TV media at one time
TV (PSA's) (same as newspaper press-release)	Use Press Release Template	Private Sector, Communities, General Public, Schools	Weekly if possible	same as newspaper	Programmes Updates Workshops	Same information to be distributed to radio and TV media at one time
E groups Updates, Links to NGO's, Calendar of Events, Discussions, Files Photos	Email to Susgren Yahoo group	Private Sector, Local NGOs, Academia, International NGO's	Weekly	Newsletters Updates Discussions	Grenadines envtl topics and projects	Add files and pictures from SGP activities Keep adding NGO Links & Update Calend Use message boards to get stakeholder opinions
Email Updates Each time use updates to reinvite people to join the Yahoo e-group	email list	Private Sector, Local NGOs, Communities, General Public	Frequently As often as necessary	Newsletters Files to be posted Updates	Announcements Newsletter	More than 150 stakeholders on list Use this as a tool for expanding the egroup Remove name from this list when signed up to e-group
Newsletter Updates on Project activities, Env'tl News in Region	Email out and ask people to print & distribute Limited printing for distribution	Government, Members of SusGren E- Group, Tourism Bureaus, Schools	Bi-Monthly	Local News Current Activites Project Updates	3rd Edition (July)	Encourage updates from Susgren members beforehand Contact Raquel from TNC for articles
Brochure Summary of Project / Goals	Brochure	Private Sector, Communities / General Public, Schools	Once in each phase of project	Conferences In Office Workshops	THEME: How SusGren can help you	***Source Cost of Publication*** To be produced in color in Barbados or Trinidad?
Website Links to all projects SG Involved in Links to other NGO's of interest	Source of	General Public, SusGren Stakeholders, Members, Schools/ Local NGO's	Produce asap	Connected to CERMES website	Summary Useful Links	Need to source person for website construction
Presentation Summary of Project & Goals Explains (Programs, Mini projects, E-groups, Workshops)	PowerPoint Slides	Schools, Government, Local NGO's, Workshops, Clubs	2-Jun-05	Schools, General Public	Summary	General Audience
Flyer / Poster Summary of Project How SusGren can help you	Flyer	Schools, Private Sector, Communities, General Public, Government	Once in each phase of project	Schools, Tourism Bureaus	Summary	Printed in color & laminated To be posted by island Steering Committee Members in public places
Progress Reports Documentation of everything which was done in past 2 wks, To be used to compile Annual Report	Email	Steering Committee Members, Executive Committee Members, Government (PM's)	Twice a month	Word Document to summarise project accomplishments	Project Workplan	To be completed by Project Manager

APPENDIX 12: MEDIA RELEASES

News Releases were sent to various local media houses in the St. Vincent and the Grenadines, Grenada and Carriacou. Some were published and broadcast on the radio and television. Announcements and invitations were also sent through the egroup. The communications published are detailed in Table 1.

Table 1. List of Communication Activities

Communication Channel	Date	Topic	Agency	Records
Newspaper Article	2005-03-01	SusGren Project Announcement	Caribbean Compass	filed
Radio & Television	April , 2005	Regatta Announcement	Radio and Television	
Newsletter 1-2	2005-05-23	SusGren Newsletter 1-2	SusGren	filed
Newspaper Article	2005-05-27	Green Schools Workshop	The News	filed
Email Announcement	2005-05-30	Green Schools Workshop	SusGren	
E-Group Invites	2005-05-30	E-Group Invite	SusGren	
Newspaper Article	June, 2005	Reef Check Training for NGOs	Caribbean Compass	filed
Newspaper Article	June, 2005	TNC institutional strengthening for NGOs	Caribbean Compass	filed
Radio & Television	2005-09-12	Caring for our future workshop	Radio and Television	
Press Release	2005-10-05	Stakeholder Meetings		filed
Radio & Television	2005-10-05	Stakeholder Meetings	Radio and Television	
Newsletter 1-3	2005-10-11	SusGren Newsletter 1-3	SusGren	filed
Press Release	2005-10-19	Leadership Workshop	SusGren	filed

END NOTES

- ⁱ CERMES. 2005. Report of the Grenadines Green Schools Planning Workshop, May 27, 2005, Carriacou, Grenada. Centre for Resource Management and Environmental Studies CERMES, University of the West Indies, Cave Hill Campus, Barbados, 18 pp
- ⁱⁱ Baldwin K. 2005. Implementing 'Reef Check' monitoring programme in St. Vincent and the Grenadines for long-term sustainability. CERMES, UWI. 18 p.
- ⁱⁱⁱ CEC. 2005. Strengthening environmental stewardship among major stakeholders in the Grenadine Islands: Inception Report. Carriacou Environmental Committee, Hillsborough, Carriacou, Grenada. 10 p.
- ^{iv} Workshop materials have been produced by Counterpart Caribbean and CEC and are available.
- ^v Lizama, D.T. 2005. Assessing sustainable "green boat" practices of water taxi operators in the Grenadines. CERMES, UWI, 41 p.
- ^{vi} Lizama, D. T. 2005. Sustainable "green boat" practices of water taxi operators in the Grenadines: Best practices for a cleaner marine environment through improved boating operation. CERMES, UWI, 18 p. (draft under review)
- ^{vii} Cooke, A. L. 2005. A livelihoods analysis of the water taxi operators in the Grenadines. CERMES, UWI, 47 p.