

green 2014/2016

annual reports 1st may 2014 to 30th april 2016

photo credit Hezikiah Maddox

for a Greener, Cleaner & Healthier BVI www.greenvi.org



our vision

A green, clean, healthy, and prosperous BVI, in which a balance is maintained between development and conservation of the natural environment.

our mission

As a local not-for-profit organisation our mission is to demonstratethrough practical projects and education - the principles, and benefits, of sustainable living in the beautiful BVI along the focus themes of waste, education, energy and water.

water • energy • waste • education

executive directors letter

We are pleased to present our Annual Report for the 2014/2015 and 2015/2016 financial years. The cover photo of recycled glass sprouts growing out of the dumpsite at Pockwood Pond (captured by Hezikiah Maddox as part of Green VI's Fragile Tings exhibit) conveys the message that, instead of waste accumulating, resources can be developed – all we need is the imagination and will to do better.

Green VI continues to demonstrate the concept that waste is a resource and should be managed in a sustainable way that improves the quality of life. Redefining and setting up systems to manage the valuable resources inherent in waste, provides a wonderful opportunity to protect the islands of the BVI as 'Nature's Little Secrets' and preserve the gifts they offer to islanders and visitors alike.

As we journey closer to a greener, cleaner and healthier BVI, the idea that sustainability is about the environment needs to be broadened. Sustainability is really about each of us and the small actions we take every day – how we handle our *waste* and sewage, how we produce and conserve our water and energy, and the choices we make as consumers. We need a healthy environment to survive; the environment does not need us. This report highlights our major achievements in the areas of waste, education, energy and water. We expect that



the general public can soon reap the rewards of our work as we begin to recycle, find better ways to manage sewage and sargassum, create our own energy and grow our own food.

A sincere thank you is extended to the sponsors and supporters who make our work possible. By working together to sustain current projects and develop the next steps we ensure a greener, cleaner and healthier BVI for current and future generations.

Please read, enjoy and share our Annual Report. It contains links to our website where more detailed information can be found.

Charlotte McDevitt Executive Director, Green VI

www.greenvi.org

table of contents

EXECUTIVE DIRECTOR'S LETTER	3
WASTE / RESOURCE	5
RESEARCH AND ADVOCACY	6
RECYCLING	8
GREEN VI'S GLASS STUDIO	10
DEMONSTRATIONS OF WASTE AS A RESOURCE	12
FRAGILE TINGS	14
NEXT STEPS	16
VIRGIN GORDA RECYCLING PILOT	16
STUDIO RELOCATION	18
EDUCATION	20
CHAIR-ITY	20
TRASH TO TREASURE	22
EARTH DAY	24
OUTREACH	26
GREENING EVENTS	28
MEDIA	30
LOCAL	30
INTERNATIONAL	31
NEXT STEPS	32
EDUCATION AND OUTREACH	33
DEVELOP LEARNING INCUBATORS	33
GARDEN PROJECTS	34

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ENERGY	36
ADVOCACY	36
BIOFUEL CONVERSION	38
LED RETROFIT	40
NEXT STEPS	42
ANAEROBIC DIGESTION (BIODIGESTION)	42
INCENTIVE RECOMMENDATIONS	44
GRID TIE PILOT	46
WATER	48
NEXT STEPS	48
ORGANISATIONAL DEVELOPMENT	49
AWARDS	50
APPRECIATION	51
HOW TO HELP	51
SPONSORS	52
MEET THE TEAM	54
THE BOARD OF DIRECTORS	54
EXECUTIVE DIRECTOR	55
GREEN VI TEAM	56
GLASS STUDIO TEAM	57
AUDITOR'S REPORT	58

research and advocacy

To understand the dynamics of waste management on a small island setting, Green VI's Executive Director, Charlotte McDevitt completed her Master's thesis on waste management in the BVI in 2008. Since then, Charlotte has been a vibrant advocate for redefining our waste as resource materials, so that we can come to understand that what we throw away every day is of significant value. Managing our discarded materials can create on-island businesses opportunities and associated products.

Internationally, the emerging paradigm in progressive waste management strategies is to redefine waste as useful resources or materials that need to be managed accordingly. The ultimate aim is zero waste to landfill or incineration. Materials are managed in a closed loop system that mimics the natural world, where there is no such thing as waste. Waste simply becomes food or resources for other systems.

For six years, this concept has been the backbone of Green VI's research, projects, education and outreach along the waste theme. Our research was utilised

for the Waste Management chapters in Island Resources Foundation's Environmental Profiles for Virgin Gorda, Anegada and Tortola, and our most visible project, The Glass Studio, has demonstrated the concept of waste as a resource in real time and real results. Outreach programmes have included countless talks, presenta-

tions and green events and the CHAIR-ity Auction and Trash to Treasure Workshops have created "hands on" opportunities for the community to experience what we discard is inherently valuable.

Redefining waste as a resource also underlies all the work we have done with the



Government. We are most excited that the 2014 Solid Waste Management Strategy for the BVI, calls for this redefinition. Green VI is proud to have been invited to sit on the working group to implement this critical Strategy.

Green VI has submitted three comprehensive bids for international funding to Darwin Plus (2013/14/15) to build Material Recovery Facilities on Tortola and Virgin Gorda wherein waste is managed as resources. One of the project goals is to minimize exporting recyclables whilst retaining as many resources on island as possible. Bids have included local partners, such as the Department of Waste Management, local recyclers and partners from around the world, such as the USVI Recycling Partnership, the Government of Anguilla and Waste and Resources Action Plan in the United Kingdom. However, due to high capital costs, these bids were not awarded.



Photo credit USVI recycling Partnership



* Aluminum Cans * Glass Bottles recycling

Recycling is difficult in the BVI due to economies of scale and distance from recycling markets. For the majority of recyclables, the value of the materials received will not cover the basic costs of collection, processing and shipping. This is a complex issue that will take time, resources, prioritisation and strong partnerships to make lasting progress.

Green VI aims to support and facilitate systems and partnerships to make recycling possible in the BVI using the underlying premise of waste as resources. To this end, we have worked closely with Government, local recyclers and the community for many years. We have assisted local recyclers in many ways such as; with information on equipment, funds to implement recycling processes, fa-

cilitated meetings with key government officials, promoted recycled products and relevant applications thereof.

Waste Management in the BVI is certainly headed in the right direction. Virgin Gorda

has been identified as the initial island to implement a Recycling Pilot and the programme is set to launch later in 2016. The Department of Waste Management has procured recycling bins, as well as a dedicated collection truck. Local recycler, Green & Clean VI Ltd. has procured equipment to implode glass bottles to make aggregate, and the metal recycler, ENS Excavating Ltd., is continuously improving his systems to increase the value of the derelict vehicles he processes. Additional good news is that a Plastics Recycler is in the process of setting up.

Green VI has, and will continue to, facilitate education and outreach programmes to compliment recycling efforts as the BVI moves towards a sustainable, resilient and viable Materials Management System.

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green vi's glass studio

Green VI's Glass Studio, located in Cane Garden Bay, completed its fourth year of operation in April 2015. The project continued to meet our project objectives:

- Demonstrate unique and creative methods of managing waste as resources
- Transfer skills and training local apprentices in the art of glass blowing
- Create and market locally made products
- Operate a socially conscious, interactive and educational attraction
- \bullet Catalyze recycling and other green initiatives in the BVI

• Long term - to function as Green VI's primary fundraising tool and enable us to become a self-sustained notfor-profit organization.

	11/12	12/13	13/14	14/15
Sales	164,335	163,526	207,594	174,318
Expenses	171,125	194,712	215,273	157,458

demonstrations of waste as a resource

used vegetable oil

Partnering with eco-pioneer, Christian Thornton and his team at Xaquixe in Mexico, we are excited to be one of the few glass studios running on Biofuel and demonstrating how trash becomes treasure. Every year, BVI restaurants throw out thousands of gallons of used vegetable oil that is either poured down drains, contaminating water and soil, or is burned in an oil burner at Pockwood Pond. Used vegetable oil can clog up sewer lines and drains as it cools and solidifies, causing blockages and sewage overflows. As most sewer and drainage lines in the BVI are embedded in concrete, major costs can be incurred when lines must be cleaned, repaired or replaced.

Repurposing used cooking oil as a Biofuel demonstrates clearly how waste can be an alternative fuel source, and it also acts as a teaching tool in highlighting the proper disposal of a common product that can be damaging when mishandled. Furthermore, it decreases The Glass Studio's operational costs and weans it from fossil fuels.







packaging & pallets

In addition to using waste textiles, cardboard and bubble wrap as packaging for our recycled glass products, we worked with a master craftsman to make beautiful Wooden Gift Boxes from old pallets.





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fragile tings

"Fragile Tings"- a multimedia art exhibit - featured a photographic and glass art collaboration between local notfor-profit Green VI and photographer Hezikiah Maddox, at the Sugar Works Museum through June and July 2015.

The exhibit was a poignant commentary on the fragility of the environment and how we can work as nature does, by using waste as a resource to produce beautiful and useful products whilst still protecting our environment. Images were shot in Cane Garden Bay, Tortola, Jost van Dyke and aboard the locally built "SV Endeavour 11" (courtesy of the Jost van Dyke Preservation Society).

As with our environment, each finished recycled glass product is unique, solid – and yet breakable. Each must be handled with delicate care. Discarded bottles provided the perfect medium for the message. 100% pure, natural silica sand was transformed into art by our glassblowers, who breathed new life into what is currently seen as waste. The up-cycled glass creations invited the viewer to contemplate the delicate balance between humans and nature. As stewards of planet earth, we have a responsibility to handle nature carefully. As with glass, once broken, it is impossible to restore nature to its original state of exquisiteness.

photo credit Hezikiah Maddox

fragile tings

next steps

virgin gorda recycling pilot

Green VI is pleased and proud to be partnering with the Department of Waste Management, Green & Clean VI, other local recyclers, and the Virgin Gorda community to develop an exciting Recycling Pilot Project scheduled for launch in late 2016. This Pilot will develop, implement, test and support systems for recycling throughout the BVI.





green vi 2014/2016 annual report

virgin gorda recycling pilot

The key difference between the Virgin Gorda Recycling Project and traditional recycling methods is local application. Through an innovative coalition effort, Waste Streams will be considered sources of Marketable Products for use on-island. This is an expansion of the concept demonstrated on a small scale by Green VI's Glass studio where waste is used onsite as a resource.

The Virgin Gorda Pilot will take this to the next level and empower us to establish a Case Study of how this innovative approach can work on an island setting. Glass waste will become construction aggregate, plastic waste will become furniture and polywood, organic waste will become compost and an alternative energy source.

With the necessary funds secured, the Virgin Gorda Recycling Pilot will be developed in phases. • The first phase is rolling out the recycling collection system in Virgin Gorda and initiating the education and outreach.

• The second phase builds on the Darwin Plus submissions and the establishment of a Materials Recovery Facility at the Virgin Gorda dump site. Glass, plastic, aluminium and used vegetable oil will be processed within this facility.

• The third phase is the management of organics - garden and food waste, sewage and sargassum.

• The ultimate vision for Virgin Gorda is the development of an Eco-Industrial Park that aims to transform the current dump site into a hive of various activities that transform waste into useful, locally made products - providing a rich environment for "growing" more BVI businesses.



Design By Daniela Nunes



next steps

studio relocation

Having outgrown our home in the beautiful Cane Garden Bay, we have now set our sights on a larger location at a Virgin Gorda resort. Here, our Glass Studio will continue to serve as small-scale model for bigger applications of how to use waste as a resource on a resort level:

- glass waste = art
- textile waste = packaging
- cardboard waste = packaging & fuel
- used vegetable oil = fuel
- sewage = fuel
- organic waste = fuel
- sargassum = fuel



CHAIR-ity

Annie MacPhail from Nutmeg Designs, a sustainable furnishing store on Tortola, had an idea to host a charity event where artists, students and families in the Territory would build chairs out of scrap materials found on- island.

The chairs would then be auctioned as a fundraiser for Green VI. Since Annie implemented her great idea, this annual event continues to gain popularity, with the quality of entries far exceeding the judges' expectations. Thank you, Annie, and thanks also to our gracious hosts of the past two years - Nanny Cay in 2014 and the Sugar Works Museum in 2015.



GREEN VI TO

INKING WATER

trash to treasure

To promote the concept that trash is a valuable resource, Green VI continues to partner with the BVI Tourist Board's Trash to Treasure competition by facilitating Trash to Treasure lessons at schools. Ten workshops were facilitated in 2014 and another ten in 2015. Kudos to Valley Day Primary School for selling some of their Trash to Treasure products to stores on Tortola. It is great to see young entrepreneurs in the making!



earth day

Green VI celebrates every Earth Day with an environmental action in our community. 2015 saw "Trash to Treasure" lessons at schools on Virgin Gorda and Tortola. In 2016, we joined the Government of the BVI's Energy & Conservation campaign to visit all the schools in the BVI to talk about how to reduce, reuse and recycle.



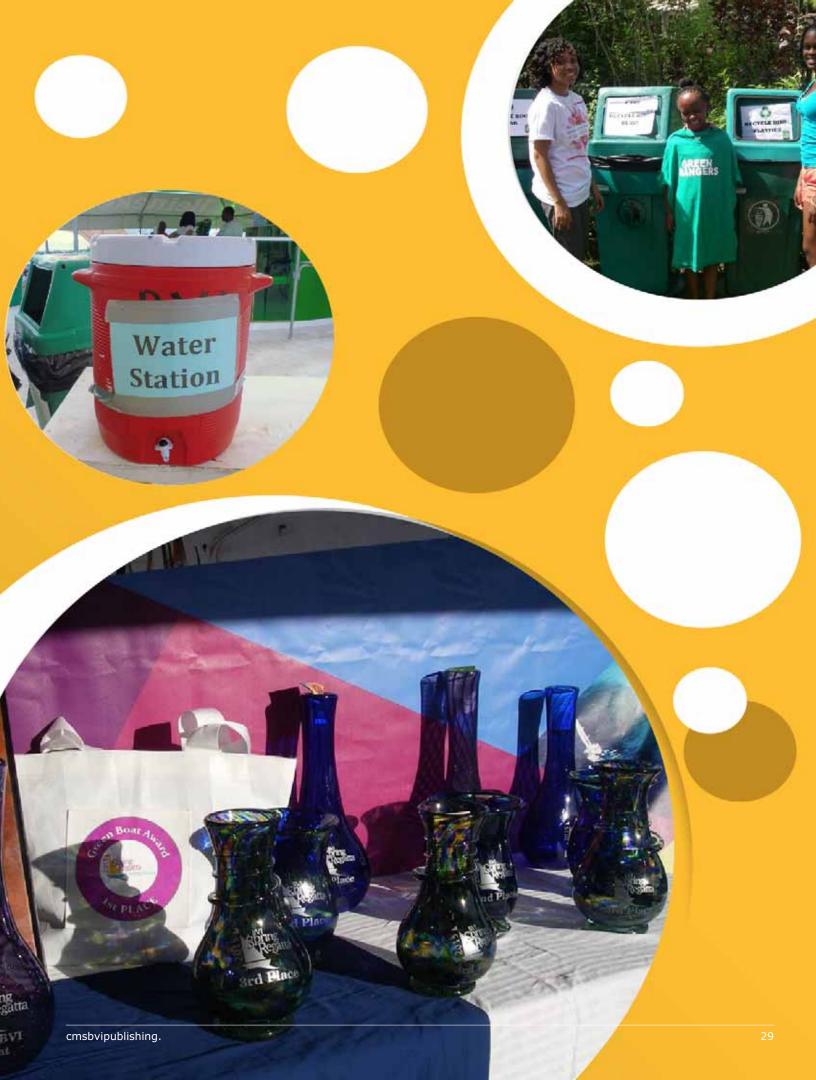
outreach

Green VI's varied and on-going outreach efforts raise awareness and understanding of Environmental Sustainability through: Customized Presentations, Mentoring, Experiential Field Trips, and Curriculum Development that includes Lesson Plans for both Waste and Water.



greening events

Green VI assists event organisers to implement best green practices at their events and encourage the 4R's – Rethink, Reduce, Reuse and Recycle. We are proud to have worked with, among others, the BVI Spring Regatta which achieved, in both 2014 AND 2015, Gold Certification for hosting a green event from Sailors for the Sea.





If you think BeTs Green V is just a place studio - prior again. Green V is a local non-for-profit organization aliming to criste a cleaner. ground hearthon EVI.

Currently running projects shat tackle wasts, education covering a general Virgin blands, and energy consumption, here we 10 great actartiplishments that Green Vills prood to those ase.



Gloss Studio - touted in Core Gender See Green VTs Gene Study. and how tradition become treatment's, they transformed too

Plastic bag ban -Gram VI and Werldtowe Carlabear partnared with sight major supermarkets to implement a one-year oluntary ban of plainic longs in March 2012. An decision and amatuna campiaign was applied with the screering of the Bag is documentary for all Torscia students

Reduce, Reuse and Recycle - Green W portners with, or essins, the Department of Waste Westgement, Incal services and the USA Everything Partnership 17 pour die better worde menogenieter producer Green VI sits on the work og group to in plane est the progressive Schid Wester Management Matterpy for the UM forces all must get in to be president for and se englished write as a remain a tool a course



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Outreach - 2 an viter going states hind, do such to eury art den ons rations, pr sentations, field brids, and me miche ave



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WORLD NEWS LIFESTYLE - UPCOMING EVENTS SOCIAL FEEDS SUBSC

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media

Green VI is grateful to the media houses of the BVI for their continued support and assistance to get the environmental message across in engaging ways. Thank you! Some highlights include:

• BVI Beacon, 13 March 2016: When it comes to Greening, VG is a great place to start

• BVI Beacon February 2016: Aiming for Zero Waste

- JTV Spotlight, January 2016: Virgin Gorda Recycling Pilot (video)
- Newbie Magazine, 2016: Waste and Resource Management
- Virgin Islands Property and Yacht, April 2015: Leading 'Green Business' in the BVI
- Virgin Islands Property and Yacht, January 2015: 10 Great Projects
- Virgin Islands Property and Yacht, July 2014: 9 Family Fun Ideas for the Summer
- JTV, May 2014: Greening Ivan Dawson Video

media international

We are very proud to have had international coverage of our Glass Studio project. In November 2014, our Glass Studio was featured in HGTV's "International House Hunters" and also in the acclaimed "Glass Art" Magazine that published a six page article in the Jan/ Feb 2015 issue.

EN VI 19 JANUARY 2016

GLASS ART

RECORDED 19 JAN, 2016

ECYCLABLES ONLY PAPER DPLASTIC BASS

next steps

Green VI will continue to actively engage the community in meaningful and entertaining activities through our established programmes. In addition to these, future plans include:

education and outreach

As part of the Virgin Gorda Recycling Pilot, Green VI will work with partners to develop and implement a comprehensive Recycling Education Programme. The community of Virgin Gorda will be presented with information on current waste management issues, how to recycle and how waste can become a resource.

develop learning incubators

Proposals for Learning Labs or Incubators will be developed with the aim of creating solution-based action training for youth; the focus being on projects related to environmental sustainability. Entrepreneurial tools such as research and development of new ideas, as well as project and business management, will be taught.

This type of learning will position youth to work with established entrepreneurial programmes that could potentially fund ideas and businesses. International partnerships with academic institutions will be developed, with the hope of implementing an Environmental Scholarship Programme.







gardens projects

Green VI will be supporting the Eco-Club projects at Virgin Gorda schools established by Julie Swartz from Green & Clean (VI) Ltd. Children will be taught how to compost, grow their own food and develop additional products such as sauces. Sargassum will be used to make a rich fertilzer for the gardens.

Lesson plans for composting, gardens and sargassum will be available online later in 2016 as will field trip ideas.



energy

advocacy

For many years, Green VI has advocated diligently for energyreform policy in the BVI. We are very pleased to note that, in March 2016, the BVI Electricity Corporation Amendment Act of 2015 was passed in the House of Assembly. This important Act allows for renewable energy to be produced in the BVI from wind, solar, hydro, biomass, biofuel, waste, sewage, geothermal and oceanic sources. Also, a target of 30% renewable energy for the BVI by 2023 has been set. We congratulate the BVI Government on reaching these two important milestones on the road to clean energy for our beautiful islands. Green VI is proud to be part of the Renewable Energy Stakeholder Group, which provides input on the new regulations that will make renewable energy a reality.

Green VI was invited to present our body of work to the Caribbean Regional Workshop on Sustainability, Energy and Development at the Houses of Parliament in Trinidad and Tobago in December 2015. Our continuing roles in promoting BVI renewable energy were highlighted:

- 1. Advocacy
- 2. Partnership Building
- 3. Education & Awareness
- 4. Demonstration Projects
 - Watchdog Service

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biofuel conversion

Fueling our Glass Studio with used vegetable oil instead of propane reduces operational costs, as well as our overall carbon footprint. The process of collecting, filtering, drying and delivering the oil is extra work but it's worth it.

After collecting used vegetable oil from seven restaurants, our multi-talented Glass Blowers set up a Biofuel Processing area using recycled drums.

One drum was used to collect the oil, the next to filter it, and the next to dry it. The filtered oil was then put through a centrifuge. The cleaned oil was then gravity fed into the reheat chamber. When hot, our reheat chamber used three gallons of biofuel per hour!



LED retrofit

Green VI partnered with the BVI Electricity Corporation (BVIEC), H. Lavity Stoutt Community College's Renewable Energy Club and Elmore Stoutt High School's Environmental Club to continue to retrofit LED lights for Ivan Dawson School in Cane Garden Bay.

Replacing standard lighting with LED's reduces power bills and associated emissions, removes the mercury found in fluorescent tubes from the system, and requires less maintenance, since LED lights last up to 25 years. This collaborative effort is a positive and practical demonstration of how to conserve energy and work together toward a greener, cleaner and healthier BVI.

LED retrofit

At Green VI, we choose to view a problem as an opportunity and so our next exciting project is to design, test and implement an Anaerobic Digester at our new Green VI Glass Studio location on Virgin Gorda. An Anaerobic Digester can convert a mixture of organic waste, sewage, and possibly sargassum, into methane - a form of energy that is perfect for powering the Glass Studio furnace. Thanks to our new location, we'll have the space and support we need to demonstrate this remarkable transformation of a waste stream into renewable energy.

The first step will be to install an Anaerobic Digester Laboratory to determine the design of the larger system. In addition to the waste streams mentioned above, this laboratory system will also test the viability of converting saltwater sewage from boats to methane, thereby opening up a further waste stream as an energy source.

The second step will be to design and implement a Full-Scale Anaerobic Digester based on results gathered from

next steps anaerobic digestion

the lab. The inclusion of the Anaerobic Digester at the studio will not only demonstrate alternative energy sources but also significantly reduce the carbon footprint of the studio, as well as operational costs.

Through this powerful pilot demonstration, Green VI staff and project partners will be trained on how to operate, maintain and manage an anaerobic digester, thereby ensuring a useful skillset transfer to local islanders.

next steps anaerobic digestion

photo credit Garrett Wheeler

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incentive recommendations

Green VI is developing Incentive Recommendations for the implementation of Renewable Technology. These Recommendations, designed to compliment the Virgin Islands Energy Policy, take into consideration existing policies, best practices, and lessons learned from a variety of entities - both local and international.

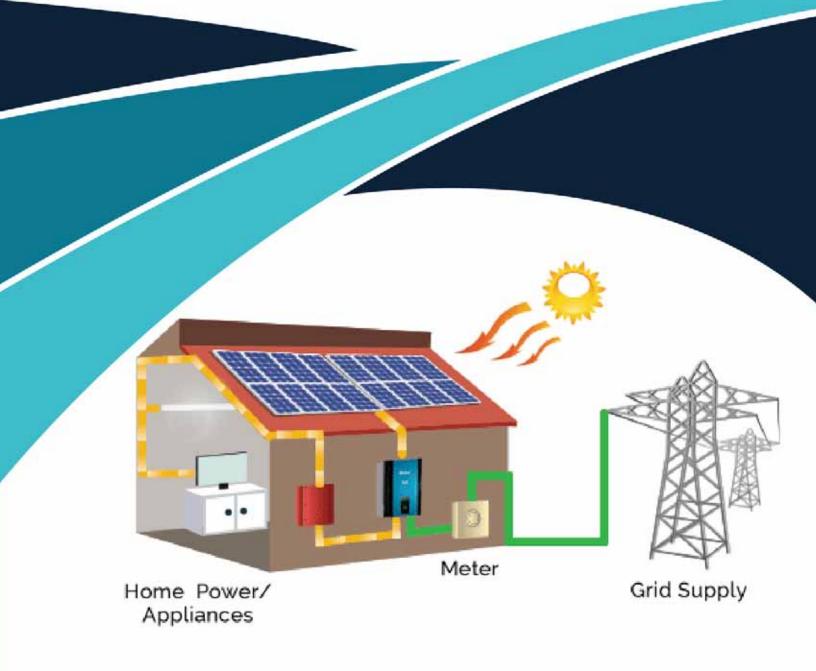
Tax rebates, customs exemptions, incentive packages, and other fiscal tools are among some of the solutions being evaluated.

a dates

incentive recommendations

grid tie pilot

The incorporation of solar technology into the energy profile of the BVI would boost our economy, provide energy assurance for the country, and decrease our carbon footprint and dependence on imported fuel. The expansion of the solar industry in the BVI opens up new training opportunities, career fields (consulting, installation, maintenance, and repair), and earning capabilities. Embracing renewable energy also allows the BVI to be an active participant in the solution for climate change.



We have the ability to realize the potential of renewable technology as a significant portion of our energy profile.

Grid Tie is a system whereby alternative energy products, such as solar power, are fed into our existing power grid. This would help mitigate the utility company's peak load and add efficiency and assurance to the electrical system as a whole. Green VI wishes to follow through with our request to Government to install a Pilot Grid Tie solar installation. The Pilot will begin with an LED retrofit, followed by a solar installation that would feed power back into the grid. The purpose of this demonstration project would be to enable future Grid Ties into the power system.

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water

The

Cane Garden Bay Watershed has been our focus under the Water theme. In 2014, we partnered with the BVI Association of Reef Keepers (ARK) in hosting several 'Ridge to Reef' community talks about the Watershed and how community action can help protect and improve this critical resource.

Subsequently, we developed several Watershed Lessons to compliment both the 'Ridge to Reef' talks and the Ivan Dawson School Greening Project. The Watershed Lessons are available on the website.

next steps

main focus for our work in the water theme is to demonstrate the management of land and sea-based sewage through anaerobic digestion. We will also explore the potential of using sargassum, an invasive seaweed.

The

 The application of anaerobic digestion at our Glass Studio will integrate all our work in --, Education, Energy and Water in one powerful demonstration project:
 Waste is converted into resource material and energy

- Sewage will be well managed and converted to energy
 Visitors will be educated and entertained as they view the tangible applications of sustainability
 - concepts in action



organisational development

The Faile Foundation has worked closely with Green VI over the past year to help us develop a comprehensive five-year Strategic and Fund Development Plan. Click here for an overview of what we aim to achieve over the next five years. We are most grateful to the Faile Foundation for their significant and fundamental support over the years.

awards

Thank you to those who have publically acknowledged our work:

BVI Department of Agriculture, which selected our handmade, recycled demijohn wrapped with traditional weave by an Arawak Indian - as the winner in Recycled Art at the 2016 Agriculture Fair: acknowledging it as "unique and exquisite". We were also proud to have won First Place in this category in 2015.

Caribbean Journal which voted Green VI's Executive Director as one of the "top ten people who are making the Caribbean a Greener Place". Sir Richard Branson also made this list!

Thank you appreciation

None of this important work is possible without family, friends, individuals and organisations who give their time, encouragement, wisdom, skills, resources, respect and love. With sincere gratitude, we extend special thanks to those whose generosity of spirit help us advance environmental sustainability in the beautiful BVI.

A huge thank you to the Cada Players for dedicating their phenomenal stage shows - Kaleidoscope (2015) and Tattle Tales (2016) – to Green VI. For twenty years, The Players have annually showcased the BVI's tremendous performance art talent and donated the proceeds from their productions to the greater good. We are honoured to be uplifted by their creativity and generosity. Extra-special thanks are in order for Joanne Penney, founder of CADA and the Cada Players, for the many years of mentorship and guidance that she has contributed to Green VI.

We would like to acknowledge Island Resources Foundation for their contribution to environmental work in the Caribbean over the past four decades and for the legacy they have created. Thank you to Judith Towle, founding vice president, for the support she has graciously given to Green VI.

how to help

To sponsor a specific project, or make a general donation to Green VI, please email us at greenviorg@gmail.com or simply make a donation online at www.greenvi.org. No donation is too large or too small and we are always grateful for ideas, suggestions and the sharing of skills.



Scaramouche, L & L Consignment, Elizabeth Cox, Carib Supply

reater Milwaukee OUNDATION greater together



Blue Water Divers, Ann Smith, Elizabeth Cox, Cedar Grade 1

DOCIO of directors



Abigail O'Neal, brings to the Board her experience in sailing and the dive trade, both key markets for BVI Tourism and also sound knowledge of the overall BVI product and leadership skills gained through a variety of industry-related projects. Ms. O' Neal has set up Green Technology, through which she markets plant-based biodegradable products as an alternative to disposable plastic containers.



Clarence Faulkner, founder and Managing Director of Pension Management Interactive, Inc has worked in the Pension and Investment field for nearly twenty years. Prior to PMI, he served as Investment Manager of the BVI Social Security Board. Mr. Faulkner's expertise and passion in the areas of professionalism are recognised locally, regionally and internationally, and he currently serves as Chairman of the Board of Directors of the National Bank of the Virgin Islands.



Henry Creque, is the General Manager of BVI Electricity Corporation and an active member of community betterment groups. He combines his extensive experience and knowledge of the BVI's electrical energy sector with an intense dedication to the protection of our Territory's beautiful natural surroundings, and a firm commitment to promoting economically and environmentally sound solutions.



Kareem Rhymer, working with his wife and brother, established Myett's Restaurant in beautiful Cane Garden Bay in 1992. The small restaurant & bar enjoyed immediate success and gained a reputation from tourists and locals alike as being one of the best in the Caribbean. Born in Cane Garden Bay, Kareem ventured from his tiny village to study and work, spending many years in San Francisco. Kareem agreed to sit on the Green VI Board because of his passion for conserving the environment of the BVI. He would like future generations to experience the beauty of the islands, as he did while growing up in these idyllic settings.



Steve Fox, is a Leadership in Energy and Environmental Design (LEED) accredited design professional, a Green Globe Auditor, and he specialises in green design. We thank Steve for serving on Green VI's Board of Directors from its inception in 2009 until 2014. We valued his availability and calm, level-headed manner, and wish him all the best in London.

Executive Director



Charlotte McDevitt, previously worked for the Waste Management Department for the City of Cape Town in South Africa, where her main focus was the development, implementation and monitoring of educational strategies to reduce litter and illegal dumping and the reduction of waste going to landfills. Charlotte's Masters in Industrial Administration (University of Cape Town) was based on an exploration of waste reduction and resource management in the BVI. Charlotte founded Green VI in November 2009.

green vi ECMM



Water Co-ordinator and Organisation Developer

Danica Zupic earned her Master's of Science in Natural Resource & Environmental Management from the University of Hawaii at Manoa in 2011. She worked as an Education Fellow for the National Oceanic & Atmospheric Administration's Bay Watershed Education & Training Program that focused on outdoor education programs for Kindergarten through High School seniors and training for teachers in the Hawaiian Islands. She has also worked with several watershed projects on coastlines in the United States, and island communities in St. Croix, USVI. Danica is now the Executive Director of the Faile Foundation – a wonderful organisation that supports NPO's around the world, including Green VI.



Energy Co-ordinator

Elizabeth Keller worked with us for six months in 2015, combining her experience with emerging energy technologies with her love of the British Virgin Islands. She is passionate about sustainability, community resiliency and alternative energy, and previously worked with the California Energy Commission as an Energy Emergency Manager. She earned her Masters in Business Administration from Drexel University.



Education Co-ordinator

Rosemary Delany Smith was Green VI's part-time Sustainability Coordinator until mid-2014, and facilitated our school projects, as well as the Sustainability Network. A graduate of the University of the West Indies, Rosemary holds an MSC in Natural Resource Management. She has established VIROTECH, a BVI-based environmental business, offering services such as facilitating environmental projects, developing outreach/education programmes and conducting research.

glass studio CONTRACTOR April 2014 - May 2015



Garrett Wheeler, from Ohio, came to Green VI with a Bachelor of Fine Arts Degree from Bowling Green State University and nine years experience as a Glassblower. Garrett had also worked at Xaquixe in Mexico, where he learned about running a glass studio on used vegetable oil. He brought this, and many other skills, to Green VI's Glass Studio.



Daryl "Lion" McLean, grew up in Tortola's Round Hill area, above Cane Garden Bay. He fondly remembered his family practicing sustainability by living off the land, growing crops and rearing animals. As an adult, he wished to encourage others to act in more eco-friendly ways; thus protecting the Islands. Lion appreciated the idea of re-using materials to create useful items, rather than discarding them. He worked with us as an Apprentice Glass Blower and is also a beekeeper. He felt a commonality between the two endeavors: "We work together toward a common goal - and the golden, molten glass is the same consistency as honey ".



Gregory Lee, learned his trade as Glass Blower at Maho Bay's Glass Studio in St John, USVI, in 1999. It soon became his passion. Greg would blow glass with us "in season", and we were fortunate to have had his unique skill so close by.



Andrew Skerritt, a young man from Capoon's Bay, enjoyed the creative aspect of glass blowing. Andrew's good eye for colour was evident in his work – particularly his recycled glass flowers.