



## **TCI Green Economy Project**

### Green Economy Stakeholder workshop

12th - 13th November 2014

## Workshop Record

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Our thanks go to the volunteer facilitators who did an excellent job in capturing the thoughts of participants. And huge appreciation to Vicky and Katharine who both worked flat out to type up and sort out the outputs so that we could get it done in good time.

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## About the workshop and this report

### ▪ Purpose of the workshop

The TCI Green Economy project is about helping TCI organisations work together to develop ways of integrating the environment into strategic decisions and ensure that the people who live here, business, and nature, thrive over the long term.

This two day workshop brought together government officials, community representatives, NGO and business. Their task was to explore topics that had emerged from previous engagement, identify priorities, shape and influence what happens, and commit to action.

### ▪ About this report.

This report is a record of what happened. During workshops the essence of everything that said was written on flip charts, 'post-it notes or forms. Following the event we have typed up 'word for word' what was recorded at the event. We have then sorted the points within a conversation so that similar points are together.

This report follows the same order as the event.

### ▪ Why sort the outputs?

It can be difficult to make sense of a discussion reported in the exact order in which it happens and important themes and ideas are obscured. This is because conversations don't progress in a linear way but go off at tangents, circle back and change direction suddenly. By sorting similar points together, the main topics and themes of the conversation become clear.

We sort the outputs using a method called 'emergent processing'. This means we don't organise the text to a pre-set list of titles but see what emerges. The ideas could have been grouped differently or different titles chosen, so no weight should be attached to them.

This report serves as a record of what people discussed, and an *aide memoir* for those who took part in the workshop, but the contents are inevitably quite cryptic in places. We strongly recommend that it is not used as the main means of communicating with non-participants.

### ▪ Acronyms used in the report

Acronyms used in this report	Meaning
DC of North Caicos	
DEMA	Department of Environment and Maritime Affairs
EV	
EIA	Environmental Impact Assessment
FAC	Fishing Advisory Committee
FCO	Foreign and Commonwealth Office
FDI	Foreign Direct Investment
F.I.P.	Fisheries Improvement Plan
GT	Grand Turk
HUAC	House Un-American Activities Committee
LEDs	Light Emitting Diodes
MEHA	Ministry for Environment and Home Affairs
MOU	Memorandum of Understanding
NGO	Non-governmental Organisation
O.T.	Overseas Territory

OTEC	Ocean Thermal Energy Conversion
PA	Protected Area
RAMSAR Sites	Wetlands of international importance designated under the Ramsar Convention
RATs	
SC	South Caicos
Sustainable	What does term mean? Definition? TR
SSSIs	Sites of Specific Scientific Interest
TCHTA	Turks and Caicos Hotels and Tourism Association
TCI	Turks and Caicos Islands
TCRF	TC Reef Fund
TCSPCA	Turks and Caicos Society for the Prevention of Cruelty to Animals

- **Symbols in the text**

(1) Is a way of linking similar points together

<1> is the number given to a participant randomly. It is device used for the facilitation team to trace who made the point but affords the person anonymity in this written record.

## 1 Imagine it is 2030 and you are travelling around the Turks and Caicos delighted with what you see. What do you see?

### .....all parts working together

- Clean, green and friendly environment
- A balanced economy (indigenous people are happy; inward investment flourishing; tourism booming; environmental protection is strong and planning is pro-active)
- Low-density tourism; sustainable use resources; resident and public awareness in environmental management; TI involvement/employment at all levels of tourism industry
- Greater reliance on alternative energy. Our beaches as they are now. Clear environmental policies in action. Flourishing and well-managed fishing industry. Greater production of foods for local consumption. Cleaner streets, yards, islands
- From Provo to South Caicos I see a beautiful highway joining the islands at the edge of the swamp with the least impact on the environment. I see beautiful beaches properly cleaned, and wetlands teeming with wildlife. Shallow waterways being used for aquaculture. In Grand Turk and Salt Cay I see the same but on a smaller scale with a vibrant sustainable economic development and a stable government and a happy people
- A low-impact, sustainable society dependent on natural energy sources, living in harmony with the physical environment: Reduce, Reuse, Recycle

### ..... nature cherished

#### **Putting the natural environment first**

- A country that has put the environment first, where areas of natural beauty are protected, revered and enhanced

#### **Action to look after the environment**

- Clear environmental policies in action

#### **Beautiful and friendly**

- What do I see on each island?
  - Grand Turk: I see the beautiful views of Front Street and the beautiful sand on beaches
  - South Caicos: I see flamingos in the ponds
  - Salt Cay: I see the friendly old people
  - Middle Caicos: I see the beautiful caves
  - North Caicos: I see the green vegetation and fertile land

#### **Beautiful beaches and wetlands**

- I see beautiful beaches properly cleaned, and wetlands teeming with wildlife.
- Our beaches as they are now

### ..... sustainable water, energy, waste management and transport

#### **Water harvesting**

- Houses and businesses harvesting rain water for use

#### **Renewable energy**

- Smarter energy use
  - Generation from clean energy sources (including fuels from transportation) on a large (utility scale) and a small scale (self-generation for self-consumption)
  - Access to clean energy (self-generation) across different strata in TCI (upper, low income, middle income)
- Solar panels on all roofs
- The solar and wind energy components
- Windmills and solar panels
- Solar panels on houses to harness energy of the sun
- Green energy plant
- Greater reliance on alternative energy.

#### **Sustainable transport**

- Electric driven vehicles on the streets
- Delighted to see the electric driven vehicles throughout the TCI

**Clean, safe and sustainable**

- A country that shows it is responsible for its environment by being clean and sustainable
- An environment that is clean, safe and put to sustainable use
- Safe, clean environment and infrastructure
- No litter anywhere. Clean streets, ponds, beaches
- No trash on the islands
- Cleaner streets, yards, islands
- Clean environment

..... **happy people**

**Well-being**

- People who are happy and are making good use of the national resources available to them
- Vibrant sustainable economic development and a stable government and a happy people

**University geared towards TCI**

- A TCI university which offers a range of disciplines specifically geared towards TCI development needs
- An accredited university in the TCI
  - Government programmes that make a tertiary level education accessible to those who cannot afford (accessible to all)

**Cultural heritage**

- A museum displaying TCI historical development, cultural, etc

..... **local food for local consumption**

**Food produced locally and eaten locally**

- A thriving local food industry – vegetables, eggs, honey, pork, etc to reduce imports and boost the TCI economy
- Food organic factories and local consumption
- Greater production of foods for local consumption

**Flourishing Fishery and aquaculture**

- Flourishing and well-managed fishing industry
- Shallow waterways being used for aquaculture.

..... **thriving and sustainable economy benefiting local people**

**Sustainable economy**

- A vibrant sustainable economic development

**Local small business benefiting local people**

- Local community-owned small businesses within the protected areas
- A flourishing economy where indigenous people are the beneficiaries
- Native business: Crafts and Restaurants

**Island-appropriate low density development**

- A controlled developed group of islands that supports and reflects the "Beautiful by Nature" theme
- Group of islands showing diverse development
- A continuation of low-density development on the shores of every island
- Low-density development. Eco-lodges
- High-end, low-density development on Provo. Lots of low-density eco-tourism lodges throughout Middle and East Caicos
- Low density tourism infrastructure
- Appropriate development on each inhabited island
- Grand Turk developed as a walk-able island promoting healthy living and a decline in the carbon dioxide in the atmosphere
- Buildings that blend with the natural green environment that has a wealth of birds and other wildlife

- A well-planned community
- In the most populated island, I see a few high rise buildings, a lot of traffic, congestion, sparse vegetation, commerce, nice beaches. Family islands, community-based initiatives, flamingos, exotic birds, lush vegetation, beaches that are not frequently visited, donkeys, horses

**..... and if we don't get green the economy...**

- If nothing changes in 2030, I see the TCI being very dirty and dark. Not very much going on as the corals would be heavily damaged and some dead, the sand heavily depleted. Pollution, i.e. air, water and noise pollution, would ruin the tourism industry

## 2 Presentations

Diana Pound and Emma Whittlesea of Dialogue Matters provided a briefing presentation about the Green Economy Project. This included the results of the initial phase of work which included reviewing 42 documents, a questionnaire with 129 responses, interviews with 14 key people and a workshop with the Project Oversight Group. The power point of their presentation and results of the questionnaire are on the new Green Economy Working Group website:

<http://tcigreeneconomy.weebly.com>

Following the presentation, the Premier visited the workshop to encourage everyone on the importance of Greening the Economy. In particular, he said that his Government increasingly recognised the importance of the environment and had prioritised more resources for DEMA and environmental management in 2015 and 2016. He also said that his Government recognised the need for a Strategic Sustainable Development Plan for the TCI and had already started working towards that.

## 3 Building and Sharing Understanding

### 3.1 The TCI

#### 3.1.1 What do you value now that you would like future generations to be able to see or do?

**....nature well managed and enjoyed by all**

**Stewardship and not losing what is valued to leave a good legacy**

- Would like future to see what we had because what we have now is already slipping away
- Humans can be custodians for environment
- Next generation should be able to benefit from the developments these years
- Would like to see natural beauty and enhancement in environmentally friendly way to attract tourists

**Healthy reef and coastal habitats**

- Maintain/manage reefs
- Marine resources that are sustainably managed

**People enjoying the ocean**

- Healthy reefs to continue to attract SCUBA divers
- Enjoyment of wide open spaces especially on water
- Would like maintenance of oceans for snorkelling and swimming
- Clean ocean

**Beaches that all can enjoy**

- Maintaining sand/beach dunes
- Would like to be able to walk beaches and manage erosion
- Having public access to beaches
- Free access to the beach and being able to experience ocean life like their parents

**Salt ponds**

- Salt ponds in GT, SC, Salt Cay

#### **Caves**

- Value caves and access to them

#### **Thriving and diverse wildlife and healthy ecosystems**

- Love to see preservation of habitats for fruit bats
- Rich biodiversity (flora and fauna)
- Healthy ecosystems

#### **Clean and pollution free**

- Clean air
- Pollution-free beaches

### **..... appropriate economic development that maintains the environment**

#### **Low density development**

- Continue low density/high end development leading to maintaining environment
- Low density development

#### **Growing economy**

- To continue to experience a growing economy

#### **Alternative sources of income**

- Having a sustainable alternative way of development different than tourists
- A different industry eg domestic produced chicken, etc rather than importing

#### **Renewable/sustainable energy sources**

- Value costs of energy and would like to see lower energy costs and greater energy efficiency
- Smarter energy usage
- More access to renewable energy resources

### **..... natural and built heritage celebrated and enjoyed**

#### **Cultural heritage**

- Rebuilding salt ponds for traditional/historical appreciation and recreation/tourists
- Refurbish old buildings for historical purposes

#### **That people value the sea and sea food**

- Having cultural attachment to marine resources and traditional consumption of conchs, etc
- Realizing what we had: examples: fish/conch/lobster population, health of reefs
- Products from fisheries resources
- Like that locals can fish along coastline

### **..... human wellbeing**

#### **Human wellbeing**

- Value strong emphasis on human development
- Not too many people (uncrowded nature of TCI)
- Safe communities
- Crime safety

#### **Stakeholder/community participation and**

- Continue to have a say in/influence in development and environmental protection processes
- Community participation
- Freedom of speech

### **3.1.2 Imagine you are on that journey around the Turks and Caicos Islands, and you are delighted with what you see on each island: what do you see on: West Caicos, Provo, North Caicos, Middle Caicos, East Caicos, South Caicos, Grand Turk and Salt Cay, and the smaller cays**

#### **Provo**

### **..... a places that is well planned and managed**

#### **Well planned settlements, drainage and roads**

- Well thought out town plans for settlements – Blue Hills, Leeward, Bight
- I would like to see proper drainage system for Provo in the future
- I see proper roads in areas that are in need

**High end, low density, low rise buildings with environmental protection**

- Continued low density, high end developments with renewed commitment for environmental protection
- A renewed commitment to TCI's "Beautiful by Nature" mantra – by adding "cared for by us". Low density-high end-low rise.
- A tourism Mecca that comprises of a cosmopolitan population with both low profile and high rise buildings
- No building taller than 3 stories with lower density restrictions

**No Dolphinarium**

- No dolphinarium or keeping of marine mammals for entertainment

**Traffic better managed**

- Less vehicle traffic on Provo
- less cars, more 4 stroke boat engines

**Clean island with well managed waste and reduced pollution**

- Proper waste management systems. Reduction in importing harmful products.
- Trash is contained on all roads and beaches and public areas
- On the island of Provo, I would like to see this island leading the initiative on Recycling and Reusing. If this is done, I imagine a clean island with vibrant ecosystem
- Major sustainable clean-up programs

**Renewable energy sources**

- Renewable energy and support initiatives.
- More efficient use of energy in buildings particularly commercial buildings of residences e.g. incorporation of energy efficient technologies (building management systems, lighting, HUAC) and systems to decrease overall energy demand. Renewable energy for self-generating purposes where consumers (home owners/hotels) generate what they use.
- Solar energy.

**Industrial buildings**

- High rise industrial buildings.

**.....local people thriving**

**Business, work and income for local people**

- Prosperous indigenous people - maximized and balanced economic development
- Small businesses and concessions in protected areas as a means of benefiting local communities and funding Protected Area management

**Higher levels of education**

- More educated populace. .

**More facilities and activates for local people**

- More native culture/facilities:
  - o Music centres for concerts
  - o Sport centres with lights
  - o Cultural trails
  - o More beach access
  - o Public toilets
  - o More access to North West Point

**.....heritage enjoyed**

**Natural and historic heritage tourism**

- Preservation of the old water wells with written information about the wells
- Nature trails to the ruins on the island Old Blue Hills/Tucker Hill Ruins and others
- More heritage development

**.....fishing industry**

**Fishing industry**

- Fishing industry. Fish Co/op processing plan and fish farming

## West Caicos

### **Large areas preserved for all**

- Massive preservation of wetland, marine and terrestrial resources
- Preservation of substantial acreages of Crown Land for future generations of TC Islanders
- A beautifully protected island enhanced for the enjoyment of all citizens not exclusive non-inclusive developments for the very few

### **Natural and historic heritage saved**

- Natural and historical artefacts saved (tractor)

### **Access to the beach**

- Beach access. Lanes and parks

### **Sustainable community**

- A sustainable community that actively acts to sustainably manage the surrounding marine resources

### **Appropriate eco/low impact development**

- No cruise port. Development more commensurate with natural environment
- Low density/high end tourism development that includes a nature reserve
- Terrestrial low density hotel development and eco lodges
- Should have been a huge camping and getaway site for families on the weekend
- Marine Environment that facilitates marine infrastructure that work to promote safety

### **New buildings and structures**

- Industrial high rise building, yacht harbour

## North Caicos

### **Maintain the area of natural habitats**

- I expect much (95%) of the natural environment (flora) to be maintained. A well maintained trail of Wades Green plantation
- Approximately 90% remains green

### **Agriculture**

- Promoting Agriculture
- an agricultural centre
- Agriculture farming.
- Farming for the country food chain. Lodges
- Farming to sustain the entire TCI
- Farm (Government) assisting farmers in utilizing better techniques through a research and development centre. Lush vegetation maintained. More intimate hotels and guest houses.
- More farming that adds to economy of all TCI... grow it here
- An agricultural heartbeat of the TCI. Organic farms to reduce international import of fruits and vegetables
- Agriculture

### **Fish Farming**

- Fish farming.

### **Heritage showcased**

- A museum dedicated to showcasing: sisal production and corn grinding
- A national garden that is properly maintained and managed showcasing all of our beautiful flowers and trees
- greenery, beautiful beaches, restored historical homes

### **Well planned and maintained infrastructure**

- Proper and improved infrastructure, such as schools, roads, airports, health clinics

### **Low key eco-tourism**

- Eco lodges/camping. Small boutique hotels.
- Use of natural resources, and water.
- Low key development

### **More tourism buildings**

- High rise buildings, tourism facilities
- High rise buildings. Hotels.
- Development spill-off from Provo.

#### **Education**

- An educational facility offering disciplines in agriculture, fisheries, etc

### Middle Caicos

#### **Culture and Heritage**

- The environment heritage island. Massive concentration on preservation of culture and heritage.

#### **Ecotourism: lodges, crafts, tours**

- Eco lodges. Heritage tourism (Wade's Green)
- Lovely landscape (natural) maintained. The caves (upgrade needed for guided tours). Straw hats, baskets and other indigenous production need to be encouraged. Community based initiatives (need to be encouraged).
- Low density tourism accommodations (bed and breakfast). Eco-trails and cave system enhancement
- A very slow organic growth pattern based economy on eco tourism with East Caicos as its untouched sister island
- Multiple ecotourism facilities (Middle and East Caicos)
- Lodges. Farming. Small high end development. Ecotourism.
- Preservation of caves. Better use of mudjen harbour as an attraction. Use of generation land for development. No cruise port.

#### **Renewable/alternative energy supporting high tech income**

- Proliferation of energy generation using clean energy technologies. Greater use of energy efficient technology systems in homes and buildings
- High tech, low population development, all powered by alternate energy (Silicon Valley)

#### **Local source of income**

- Residents being able to sustain themselves in family islands; and not having to migrate for employment

#### **Local food production**

- Agriculture, mariculture

### East Caicos

#### **A nature reserve**

- Wildlife Sanctuary
- Must not be touched within the next 20-30 years
- Nothing. Just wilderness
- East Caicos can become a nature reserve that will attract tourists from all over the world who are in search of a unique experience of seeing nature in a natural setting

#### **Ecotourism**

- Research on the natural cave systems. Day trips (great beach). Guided tours
- Low density eco lodges that make possible non-destructive visits

#### **Agriculture**

- Poultry and pig farms for the country food chain

#### **Renewable Energy**

- Wind energy plants

#### **Tourism/infrastructure development and links to other islands**

- Linking bridge to South Caicos
- A cruise port/tourism development, joined to South and Middle, North
- Cruise port and linking with South Caicos

## South Caicos

### **Sustainable fishery**

- A properly managed and sustainable fishing industry.
- Fishermen and marine environment. Salt ponds
- A native owned processing fish plant
- Strong emphasis must be on strengthening the fishing industry
- The fisheries on South are a top priority – this industry must be protected and programs implemented that will allow the industry to be sustainable
- Planned development focussing on fishing
- Fisheries for TCI [*consumption*] only

### **Environmental/marine research centre**

- A combined tourism and fishing centre with scientific institutions to monitor and protect our marine resources
- Marine Research Centre for all TCI

### **Cultural and heritage tourism development**

- Restoration. Historical Centre Piece. Hotels/tourists – protected/sustainable.
- Cultural and heritage tourism involving the locals eg day trips with fishermen

### **Salt ponds managed for tourism visits**

- Preservation of its salt pans, boiling hole for future generations.
- Salt ponds are rebuilt and used/maintained as a park similar to parks in the U.S. Persons would use these ponds not only for history knowledge but also nature walks
- Preserved ponds with bird watching opportunities. Signage to explain and describe what is being seen or is on display

### **New tourism development**

- Planned development focussing and water sports
- Encouragement of investment e.g. mega yachting

### **Transport links**

- Airport become International
- Airport upgrade.
- I would like to see the airport completed

### **A new causeway ... or not**

- I would like to see South Caicos link with the other islands by a bridge.
- The continuation of causeway from North to South Caicos
- No causeway

### **Other infrastructure and development**

- Proper infrastructure, such as schools, airports, health clinics, etc
- More local infrastructure – citizen services
- I see South Caicos a city water system.
- I see South Caicos as a clean island with a proper waste disposal plan

## Grand Turk

### **Regeneration and restoration**

- Grand Turk deserves to take its place as the capital of TCI. A complete regeneration project to bring to life its cultural legacy and history and in so doing developments must align themselves with that story. NO DOLPHINARIUM
- A modern business centre with hotels. sidewalks, parks,
- Economic rejuvenation projects:
  - Heritage
  - Tourism
  - Boating and yachting

### **Senses of community**

- sense of community

### **Clean environment**

- Clean Salinas, garbage free,
- Breathing in fresher air – cleaner, tidier island

- No litter in Salinas and on street.
- The Governor's Beach restored – without the wrecked ship
- Clean environment

#### **Animals**

- Animals – donkeys, horses, cows, flamingos
- Animal management is a priority as it affects tourism and the residents of GT. Long-term humane programs must be implemented to contain and control the large animal population
- All animals contained,
- Tamed animals
- Animals contained and managed
- No stray donkeys and horses and cows
- An animal sanctuary,
- No stray donkeys and horses and cows.

#### **Healthy wetlands and coastal habitats**

- Water ways with fish,
- Mangroves and salt ponds
- Nice beaches

#### **Sustainable transport/movement**

- Electric vehicles
- Electric driven vehicles,
- A community that promotes walking and cycling

#### **Sustainable energy**

- Alternate energy setup.
- Incorporation of energy efficient technologies and systems in commercial/residential buildings (hotels, schools, business offices etc. Clean energy generation technologies (small scale and utility scale)
- solar systems,

#### **Tourism and income**

- Cruise ship passengers and growing taxi/transport industry
- Medium scale tourism development
- 50 room full service hotel
- High rise buildings hotels, more tourist accommodation and better streets,

#### **Cruise ship tours environmentally sensitive**

- Cruise ship visitors treated with patience and respect, provided with tours that are conducted in an environmental way that shows and educates the visitors our unique natural beauty and island's history
- Do not let cruise ships rule

#### **Restoration of historic buildings**

- The historic areas of buildings refurbished
- Preservation of historical sites.
- Preserve the history

#### **Sustainable and alternative employment**

- Sustainable employment
- The promotion of long term employment for the residents of Grand Turk that is not totally reliant on the cruise ship industry

#### **Fishery**

- A fish processing plant, tame fish farming

### Salt Cay

#### **Sense of place, community and history**

- Clean environment, community spirit, historic buildings properly maintained. Native dishes (Salt Cay candies etc) produced. Small, intimate accommodations

#### **Heritage and cultural tourism island**

- Historic walks. Heritage and cultural tourism
- The entire island maintained as a historic island. All houses be refurbished and ponds. The island to be promoted as a historic island, for tourists

- White House restored and historic centre
- Historic walks. Heritage and cultural tourism
- Heritage buildings. Art/craft/. Cafes
- Restoration of White House and the whale house building and other historical sites

#### **Celebrating the salt trade history**

- Preservation of salt pans and history. Small scale tourism development
- A testament to the salt trade – with low key/low density businesses
- A health salt industry with a “Martha’s Vineyard” type development

#### **Green tourism**

- Improved opportunities for people to enjoy the island while at the same time sustaining its pristine beauty

#### **Whale watching**

- Well regularized whale watching tourism.
- Salt Cay has been able to maintain its uniqueness and charm which attracts a certain type of tourist (i.e. whale watchers) and the residents have found employment in the tourist industry
- Well regularized whale watching tourism.

#### **No dolphinarium**

- No dolphin show where people are entertained by captive intelligent beings

#### **Infrastructure development**

- Rebuilding of all sea walls and possibly a high rise building

### Smaller Cays

#### **Conservation/Nature reserves**

- Small cays should be kept for nature conservation
- If feasible the smaller cays should be established as nature reserves
- Natural parks with enjoyment facilities “beaches, shade, waste disposal, trails” in respect of nature
- No development
- Natural sanctuary for animals
- Places that derive human welfare from caring for wildlife on land and in the sea

#### **Ecotourism**

- Board walks that have minimal impact on environment to facilitate tours on natural flora and fauna

#### **Alternative Energy**

- Clean energy generation that is reliable (baseload and intermittent) including energy storage, as the energy consumption on the cays will be significantly lower than the other islands
- Use of energy efficient technologies/systems in residential/all buildings
- A modern little city with hotels that are powered by alternate energy

## **3.2 Greening the economy of TCI**

### **3.2.1 What benefits could greening the economy bring, to make it really worthwhile?**

#### **Flagship/branding opportunity**

- Turks and Caicos could become a flagship of the entire region – attracting tourists worldwide
- Bring new tourism usually high end
- Expansion of niche markets
- It’s complementary to the sustainability of our tourism product
- A unique place in the world for people to visit and enjoy that will last forever

#### **Long term sustainable and profitable tourism**

- Sustainability of tourism industry/economy
- Sustainable, profitable tourism (long-term)

#### **People and the environment are healthy over the long term**

- Healthy people and environment.
- Clean environmental living/health
- We will be able to sustain life on the islands so future generations can enjoy it
- It will create a balance between environmental and people "needs" for sustainability
- The alternative is unacceptable

**Benefits of energy security**

- In terms of energy (generation/use), greening the economy decreases energy consumption patterns resulting in a smaller carbon footprint; clean energy sources for generation (decreased dependence on fossil fuels, energy cost stabilization, eventual energy cost reduction)

**Leave a good legacy for the next generation**

- We would be able to preserve and protect our beautiful and healthy eco system
- Preserve for next generations

**Employment and economic**

- Employment/business opportunities

**Sustainable food supply**

- We can continue to benefit from steady food supplies including fishing benefits

**Increased costs?**

- Increased costs; high cost of living

### 3.2.2 What will happen if we don't green the economy?

**Loss of 'Beautiful by nature' brand**

- If we don't focus on green economy now the "Beautiful by Nature" brand could be lost

**Degraded environment and lost tourism**

- Dying reefs, eroding beaches, eroding tourism
- The foundation of our economy: "the environment" will perish (tourism)
- Loss of business for all tourism areas
- We will lose the only thing that brings our visitors
- TCI will look like Cancun and every other second tier resort
- Less business: will turn into a low end dirty destination

**Habitats and wildlife lost - ecosystems collapse**

- Coral reef would continue to die, sand on beaches deplete and our flora become non-existent
- Natural resources probably will be diminished at an accelerated pace
- Environmental decay
- Imbalanced ecosystems – resources become vulnerable
- Slow decline of environment health – product - economy

**Energy insecurity and high costs**

- Steeper increase in energy consumption, susceptibility to fossil fuel price volatility, potential increased energy costs, lack of energy security

**Decline in human health**

- Our health will be negatively affected

**Leave degraded legacy to next generation**

- Next generation with no opportunities to enjoy their heritage – environment – ocean...
- Diminished sustainability

**Economic decline**

- Financial ruin for citizens and country
- Continued rise in costs; diminished resources
- Lost opportunity

### 3.2.3 What benefits will working together on greening the economy bring?

**Clear vision and sustainable strategy to benefit environment and future generations**

- Clear vision

- Well defined programmes and strategies designed to ensure the sustainability of TCI's environment for future generations survival

**Enhanced and shared understanding of benefits to all**

- Increased education/awareness of the meaning of greening the economy and its benefits to the various sectors i.e. issues faced by each sector and the potential benefits experienced becomes common knowledge across TCI, due to working together (greater exposure)
- Greater appreciation for environmental issues
- Education/knowledge

**A sense of stewardship, exchange of ideas and joint responsibility**

- Not only developing greater appreciation for environmental issues but also reducing costs and preserving the environment for future generations through forming strategic partnerships that will benefit all
- Exchange of ideas, learning skills from each other: "many hands make light work"
- Protection through "buy in"
- Ownership of the environment and joint responsibilities for the protection
- Buy in; developed stewardship, therefore programmes and policies will be maintained

**Community influence and benefit**

- Ensure that most sections of the community are represented and benefit
- Community participation = community partnership

**Economic stability and social well being**

- Financial and social well being
- Long-term financial health for TCI's economy
- Lower the cost and make it effective

### 3.3 Systems, connections and links

#### 3.3.1 What does the natural environment provide that residents and visitors benefit from?

During the workshop people were prompted with the headings:

1. Resources?
2. Social/wellbeing?
3. Healthy environment?

**Resources**

**Air**

- Clean air

**Water**

- Drinking water

**Food**

- Good food, healthy nourishment
- Sustainable fisheries
- Salt

**Materials**

- Building materials

**Medicine**

- Bush medicine from plants

**Energy**

- Renewal energy resources (wind, solar etc) for energy generation

**Social/Wellbeing**

**Beauty**

- Beautiful landscape and seascape
- Aesthetic value

**Livelihoods**

- Ability to make a living
- Availability of socio-economic benefits, i.e. jobs
- Provides ability for livelihood

**Psychological and spiritual well being**

- Mental/physical human health
- Feeling of less stress
- Spiritual upliftment and enrichment of the soul

**Health**

- Contributes to physical, mental and social health

**Security and stability**

- Feeling of security for home
- Sign of stability or change for older citizens

**Fun**

- Fun, pleasure, enjoyment

**Quality of life**

- A good quality of life
- Pleasant and healthy environment to live in

**Healthy environment**

**Wildlife**

- Rich biodiversity (fauna and flora)

**Protection**

- Coastal protection

**Opportunity to learn**

- Enjoy and study different habitats

**Healthy ecosystems**

- Sustain animal life so food source is healthy
- Proper functioning ecosystems/balance

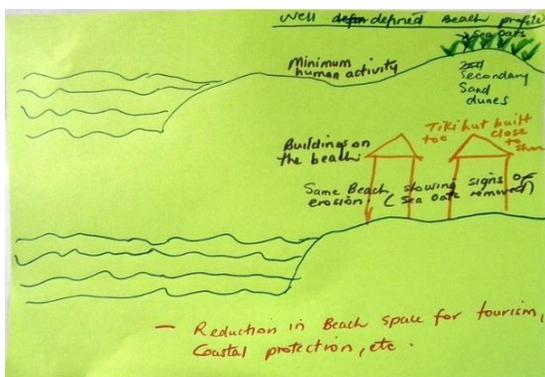
**Tourism**

- Attracts tourists
- A well subscribed-to nature-based tourism product

**3.3.2 What connections and links are there between different parts of the environment and human activity and wellbeing?**

People were encouraged to try drawing pictures in response to this question. Pictures help show systems and links better than words and make connections and links that were not previously recognised

If viewing on a screen, zoom in to see the pictures more easily.



Picture showing loss of natural beach shore (shape and habitats) resulting in erosion and loss of space for tourism and coastal protection



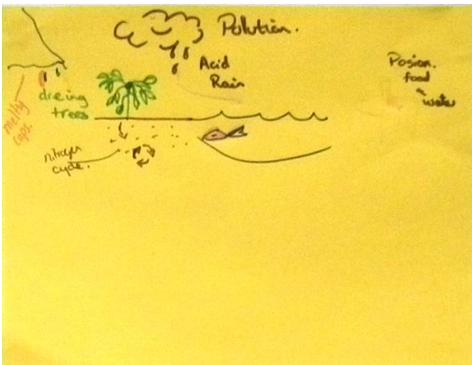
Picture of reef damage from pollution



The left side shows people seeing nature and beauty fitting the beautiful by nature message, relaxing on a clean beach and snorkelling and meeting JoJo. The right side shows their dismay at being hassled about tours, having trash fly in their face on the beach, and seeing captive dolphin



This drawing is about waste from toilets and rubbish dumps going into the Salinas and sea.

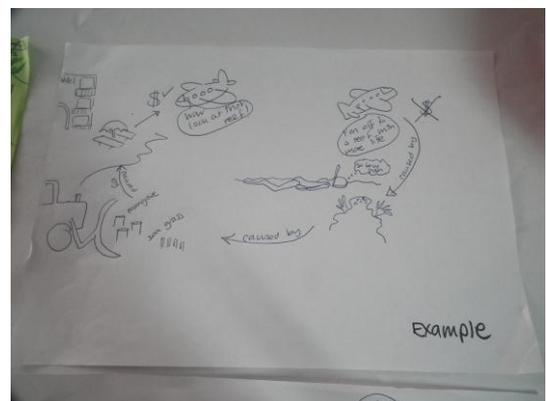


This drawing is about major interruptions to natural systems including melting ice and climate change, resulting in trees dying and interruption of the nitrogen (nutrient) cycle. Also acid rain polluting the land, sea, fish, food and water.

These two pictures were created by the facilitators based on what they learnt through the questionnaire and interviews.



This picture shows the links between sources of pollution (toxic leaching from the dump, sewers and boat bilge) leading to an algal bloom that kills the reef, ill tourists, and tourists leaving to find a cleaner destination.



This picture shows tourists leaving to find a healthy reef because the ones in the TCI lack fish and marine life because the mango swamps and sea grass, which are nursery areas for reef life, have been lost to development for tourists.

### 3.4 Changes

#### 3.4.1 What trends and changes are taking place that need to be taken into account? What is your observation based on? ( eg observation, photo record, map change, statistics, research)

Trends or changes?	What is your observation based on?
<b>Increase in people: tourism, residence – impacts all other trends/changes</b>	
Increased tourist density	
<b>Decline in reef health from more people and lack of understanding</b>	
Increased impact on reef: physical and chemical, biological Physical: anchor damage, people: fins, hands, shell and coral collecting Chemical: boat oil and gas discharge; bilges and marinas; suntan cream Biological: fishing and conch collecting (live)	
Increased tourist density leads to changes in reef health	Scientific data <15>
Increased resident density leads to more activities on water, more boats, more damage because they don't know rules/ignore rules	
People entering water sport industry	
Continued loss of understanding of importance of marine resources	
<b>Decline in Fishery</b>	
Drastic reduction in abundance of conch and scale fish	
<b>Increase in dumping</b>	
Continuous dumping throughout all islands – educate public	
Massive garbage (non-biodegradable)	Increase in remote areas now accessible by car
Dumping of vehicles	
<b>Development not benefiting local people or environment</b>	
Rich in country are dictating emerging development trends and type. So now development is reflecting this and not benefiting indigenous people	
Not enough focus and protection of environment. Too much focus on development over environment	
Too much focus on environment, not enough on indigenous people	Don't know aspirations of local people. Not investigated or studied How do you tie in growth needs with environmental protection
<b>Not enough debate</b>	
Not enough public debate on major decisions of development that can affect future of TCI	
<b>High rise buildings</b>	
Allowing development to shape our policy	14 storey
High rise buildings	
Taller buildings	
<b>Energy costs and insecurity</b>	
Increase susceptibility to fossil fuel price volatility, increase energy cost. Lack of energy security – stifles growth of industries	
Increase cost of energy	

Increase energy consumption	
<b>Large development projects</b>	
Major dredging projects/cruise ports etc. There needs to be consideration of the effect it's going to have on the ecology and tourism	
<b>Bigger Boats</b>	
Bigger boats	
<b>Flooding</b>	
Poor drainage system on islands	

### 3.4.2 In years to come, will the TCI be able to sustain the level and types of use that occur now? If not why not and what needs managing?

#### **Water quality and waste management and infrastructure**

- Discharge of human household waste
- Quantity/use of fertilizers and pesticides
- Absolutely not. There is already a disparity between use and protection/management as well as a widening gap in regards to infrastructure to deal with growth e.g. waste management, run-off, water quality (salt and fresh).

#### **Loss of sand**

- Removal of sand from beaches

#### **Loss of natural vegetation**

- Land habitat clearance

#### **The maintenance and enhancement of protected areas**

- National Parks/Reserves need managing/support to not only slow down degradation but reverse it!

#### **Improved development standards/protocols**

- Need to establish standards in various planning tools (EIA), need to stick with standards

#### **Access to information and democracy**

- Need Freedom of Information Act/Ordinance to make possible for people to speak based on knowledge and fact

#### **More enforcement**

- Need strict enforcement in laws, standards and protocols
- Education and enforcement

#### **More education on personal responsibility**

- No! Citizens and residents need to be educated on their personal responsibility for their country's failure to thrive: no appreciation for sustainability

#### **Incentives for environmentally friendly practices**

- Grants for small businesses to set up environmentally friendly practices leading to recognition and awards

#### **Alternate energy sources**

- No, increased energy consumption in years to come will increase energy investment and prices. Needs managing: energy consumption patterns, optimize current energy mix, clean energy and energy efficiency/conservation

#### **Responsible water sports**

- No
- Responsible boat use needs to improve dramatically
- Anchoring technique/mooring use and installation
- Boat wake in sensitive areas
- Discharge from bilges
- National Park rules and enforcement

#### **Marine resources - Fisheries**

- Overfishing both Tourism and Export/commercial
- Need strict fisheries management

## 4 Looking after the natural environment and natural resources

### 4.1 Coastal and marine ecosystem health (beaches, creek, mangrove, sea grass and reef - whole system)

**What is already being done and working well? (By government, business, NGO, communities, or citizens).**

#### **Collaboration between DEMA and others**

- TCRF and DEMA good working relationship on moorings
- DEMA has MOUs with other organizations to protect whales, etc
- Lobster habitats and education programs run by DEMA

#### **Reef monitoring**

- Reef monitoring working well (?)
  - (?) Disagreement: only working well in GT, no monitoring elsewhere

#### **Clean ups**

- Organized clean-ups working well

#### **Information and understanding**

- Open and available information on public forums allow big issues to be addressed

#### **Workshops**

- Workshops such as Green Economy work well
- Make people think about what can be done

### **How could that be strengthened and enhanced further?**

#### **More protected areas**

- Would like to see expansion of protected areas beyond the current 4%

#### **Enforcement**

- Enforcement of laws by government

#### **Taxes put towards protected areas**

- New 12% tax on water sports can be directed to protecting marine areas

#### **Education at all levels**

- Primary to government level and educating them about natural environment
- Better education for general population

#### **Development of Public and private relationships**

- Would like more public and private relationship for future ventures

### **What else needs to happen?**

#### **Increased resources for DEMA**

- Increase staffing and funding for DEMA

#### **Increased training and skills into government work**

- Would like to use information gathered from workshops and training into daily government work

#### **Increased awareness and participation**

- Would like public to be able to debate over changes made/considered
- Feel government is afraid of debates because of inadequate arguments
- Debates more geared toward educating
- Identify stakeholders

#### **Business be more responsible**

- Larger businesses need to participate relevant to footprint
- Tour operators clean up coasts

#### **Government take a strong lead on sustainable development**

- Would like government to have more courage to override big businesses
- Government more biased towards development and against environment
- More balance between development and environment

#### **More education/dissemination of information**

- Educating on different perspectives of regulations
- Educating Belongers about different environmental issues leading to “Belonger buy-in”
- Wants information to be passed on from Belonger to Belonger and not from outsiders
- Better dissemination of information so that more people can be informed

**Taxes**

- Implement tax on hotels to protect environment rather than volunteer efforts and private solicitations

**Review list from the previous engagement and add additional ideas.**

**Learning from experience of others**

- Looking and learning from worldwide examples that have worked
- Learning from other's mistakes
- Example: Cuba has one of the best National Parks in the world and we could learn from them

**Payment for National Park Access**

- Local citizens should contribute by paying to use National Parks

**Fast feedback points**

**Funding for environmental work**

- Need funding/new source of funding for environmental protection
- Finding funding from private sector and individuals to better protect our National Parks e.g. enforcement officers. Use new 12% tourism tax to fund?
- As tourism grows so does the resident population. BOTH should contribute to the funding of protection via their own usage of the resources
- DEMA and some NGOs work really well together on environmental issues. However, staffing and funding for DEMA needs to be increased to continue this collaborative effort
- More funding requested from developers/hotels for impact on environment
- Implement tax on hotels to protect the environment

**Increase in DEMA staff**

- Increase staff for DEMA

**Public/Private Partnerships to enhance environmental protection**

- Need to continue to build on public/private partnership successes to enhance environmental protection
- Larger businesses need to participate in relevant environment initiatives

**TCI government to embed green economy ethos in day to day work**

- TCI government could use the information gathered at workshops such as these to include in their daily work in order to bring about the change needed

**Public dialogue and engagement**

- Proper informed debate on key issues
- Need greater involvement by all stakeholders in environment protection
- Public debate on truly important decision-making for factors that affect the environment
- Open discussion/education to/from Belongers with experience in life

**More public awareness/education**

- Education – identification of key stakeholders and their “buy-in”
- Educating Belongers about the environment
- Environmental education for all from school to seniors: information available in public forums

**Learn from other countries**

- Studies with data based on other countries' laws/environment cause/effect situations, especially but not only in the region

## 4.2 Sustainable fisheries

**What is already being done and working well? (By government, business, NGO, communities, or citizens).**

### **Fisheries management**

- Enforcing quotas (government)
- Lobster season management
- Landing sites to check stocks
  - South Caicos is working (where they weight and count)

### **Fishing cooperatives**

- Three fishing co-ops: national, Grand Turk, Provo are established
  - Current works with director in South Caicos to open co-op
- NGO formation of policy for international recognition

### **Business**

- Business: conch farm with limited fish farming

### **Research**

- School for Field Studies doing research

**How could that be strengthened and enhanced further?**

### **More DEMA staff**

- More trained staff at DEMA

### **Education for fishers and public**

- More awareness and education for fishermen
- Public awareness program from DEMA

### **More policing and enforcement**

- More vessels to protect banks against poachers and local abusers (high powered)
- More policing
- Drones and airplane policing

### **More landing sites**

- Creation of more 'landing sites' on other islands

### **Improved collaboration**

- TCI government working better with School for Field Studies to use research

### **Scholarships for marine studies**

- More scholarships for marine studies

**What else needs to happen?**

### **Whole systems thinking and management**

- Taking care of whole system

### **Define sustainable levels and policy for each fishery/habitat**

- Vision of what you want to see
- Definition for fisheries (each one) about what is sustainable
- Sustainable fisheries policy
- Better manage habitats and identify them for sustainable use

### **Legislation**

- Better legislation

### **Government support for fishery**

- Government support for fishermen and fishing co-op
- Greater partnership among key stakeholders (government and fishermen)

### **Greater understanding and education about fishery ecology**

- Understanding of trophic levels in ocean for example: conch and lobster are dependent on each other - both need to be there to sustain each fishery
- Obtain life history knowledge about all commercial species
- Government to educate local fishermen
- Without knowledge you can kill anything

- Education and awareness
- Everything relates to education

**Better Environmental Impact Assessment for new development**

- More consideration given when projects involving dredging or other projects (consideration for environmental impact)
- Process for major developments (example: dredging without environmental impact should require resolution from parliament)
- Decision-making with environment projects

**Improved enforcement**

- Enforcement of legislation
- And enforcement people to protect habitat
- More security for protection of fishermen on banks (local fishermen) from international fishers

**Closed areas and/or seasons**

- Protecting and preserving breeding areas to replenish reefs and oceans
- Closed season based upon reproductive cycle of animals

**Marine biosphere reserve**

- Marine biosphere reserve - Manage entire marine environment in TCI

**More research and projects/initiatives**

- Continuous systematic scientific research program
- Research in government

**Stock enhancement measures**

- Developing artificial habitats
- Implement projects to enhance yield to increase stock (example: abalone hatcheries; salmon hatcheries)
- Develop facilities to enhance wild stock
- Head start hatchlings and release

**Fisheries Advisory Council**

- Educate about FAC
- FAC – strengthen effectiveness
- Respect and support for FAC

**Independent agencies**

- Independent agencies for preservation

**Aquaculture**

- Recognize size of areas and need to farm to maximize yield (natural areas in TCI are small)
- Farming = ecotourism (example: China – areas with increased yield)
- Development of fish farms

**Tackle garbage in water**

- Manage dumping of waste: plastics, garbage in water

**Review list from the previous engagement and add additional ideas.**

**Anti-corruption measures**

- Anonymous reporting system to report breaches by government and local fishermen
- Anti-corruption measures

**Stock recovery measures**

- Measures to allow conch stock to recover
- No take zones
- Use local knowledge about historical hotspots

**Co-ops**

- Co-op
  - Ensures fishers benefit
  - Re-attract young generations for future generations understand the value and benefits of being a fisherman

## Fast feedback points

### **Partnership - cooperative**

- Management through partnership
- Recognize fishing is a business and needs to be managed as a common resource business
- Ranch the Caicos and Grand Turk Banks as one would a large farm elsewhere

### **Research**

- Research
- Research geared toward protection, sustainability and enhancement of our fishing resources

### **Education and Awareness**

- Education and awareness
- Educate youth and encourage development of life history and ecological awareness of the valuable resources
- Education of fishermen and empowerment of our local fishermen so that they benefit (maximum) from the industry

### **Protection of Environment and Fishermen**

- Protection of our Banks and fishermen

### **Enforcement and Policing**

- Adopt anti-corruption measures. Effective and equitable policing and enforcing laws. Have additional UK support for policing and dealing with poacher boats
- Enforcement and policing

## 4.3 Land and wetland habitats

### **What is already being done and working well? (By government, business, NGO, communities, or citizens).**

#### **Planning Processes/EIA**

- Planning process is working well in that it flags up areas in the EIA that need protecting
- EIA, any development that is in process; an EIA required (falls on the government)
- Zoning in the spatial planning process – where things should be, or not

#### **Crown land policy**

- Development plan provision allocating areas of Crown Land as reserve (or land bank) was a good thing (?)
  - (?)Wasn't updated and things have changed
- Crown Land policy – the idea is good - published and publicly available (?)
  - (?)Crown Land policy does not empower Belongers, or protect

#### **National Trust**

- National Trust has a key focus on wetland management and protection of the habitat
- Community support/National Trust provide support to small businesses (capacity building and jobs)

#### **Large Protected Areas that are demarcated**

- Largest RAMSAR site in the O.T. protected as a nature reserve
- Most of the wetlands are nature reserves which have a high protection status
- Demarcating protected areas by coordinates

#### **Seed bank (Kew and DEMA)**

- TCI/Kew Gardens partnership with a seed bank to conserve plants and trees (DEMA)

#### **Habitat mapping**

- Recent DEMA habitat mapping for all the islands

#### **DEMA**

- Regulative authorities are working well – got us this far in terms of protection

## How could that be strengthened and enhanced further?

### **Improved collaboration**

- Improved collaboration and links between departments

### **Need for common vision and sustainable development plan**

- Single vision for the islands: a development plan. Can be sustainable development plan, needs to be the umbrella plan that everyone works towards together
  - Could improve departmental and sectoral plans
- [Currently] Special interest groups are determining the future of the country because of the lack of vision and common vision
- Regulate to 'preserve' not to 'stifle'

### **Clarity about what plans exist and how they relate to each other**

- Confusion over the number and types of plans in government and what legislations each has and the hierarchy
- Institutional memory is limited so information/understanding of the plans is lost

### **Stronger enforcement**

- Strengthening of enforcement for the regulatory agencies (legislation and policies)
  - Government regulates
  - Enhanced further

### **Human resource mapping**

- Human resource mapping and understanding
  - A national employment strategy is planned, to look at where this is going for the country
  - Assessment of human resources: need the data

## What else needs to happen?

### **Better dialogue and communication**

- Breakdown in communication amongst government agencies

### **Need a strategic vision**

- Conflict in visions of how things should be
- Overriding strategic vision required
- Strategic vision needs to take into account the environmental, economic, social and physical elements in it

### **Education**

- Environmental education campaigns for protection and understanding of the wetlands and how they positively affect their lives and livelihoods (national campaign)

### **Make wetlands protected areas**

- Perennial wetlands i.e. Salinas and ponds have not been included as areas of protection in National Parks Ordinance (bird watching and tourism product)

### **NGO to manage wetlands and raise awareness**

- Wetlands should be surveyed, registered and transferred into a trust (an agency like National Trust for example)
- More presence of non-governmental organisations
  - Increased community awareness and engagement. Because government has limited political will and funding

### **More monitoring/assessment**

- Assessment of wildlife and increase monitoring programmes (land and wetlands)
- Assessment of biological diversity on land and its conservation, if determined necessary

### **Tackle invasive species**

- Invasive species need to be determined in consultation with local groups and awareness increased (in partnership with key organisations)
  - Defining local groups to also include indigenous groups

### **Public and private partnerships**

- Public and private partnerships are needed

**Economic valuation**

- Promotion of the economic valuation of protected areas document

**Fast feedback points**

**Partnerships**

- The need for partnerships among key stakeholder groups in co-management of the environment

**More synergy between organisations**

- Need more synergy among agencies
- There are too many organizations, special interest, etc advancing their own goals and objectives without regard for others

**Public Education and Awareness**

- Public education and awareness needs to be strengthened

**Policing and Monitoring**

- Proper policing and monitoring of legislation required and input/cooperation from the public (indigenous and resident alike) vital

**Assessment and management**

- Continuous assessment of land and inhabitants required to properly demarcate and manage it as a resource

**Lack of Community Involvement**

- Lack of local community involvement and management of the wetlands and terrestrial protected areas

**Human Capital Assessment**

- There needs to be an assessment of human capital for the TCI (shortcomings, needs, expectations, etc). This would inform strategic planning

**Overarching Vision, Policy – Development Plan**

- There's a dire need for strategic vision for the TCI (whether sustainable development plan; integrated development plan; whatever)
- Need a national development plan
- Absence of a well-articulated strategy (development) to drive how we develop TCI
- Need for an over-arching policy/legislation (development) that is inclusive of land use and distribution

**4.4 Water management (fresh, brackish, and marine)**

**Discussion**

(This group didn't follow the questions but had a general discussion about water management and what needs to be done to improve things)

**Rain water harvesting**

- Fresh water catchment on houses and large commercial residential
- Rain collection, no assistance from government

**Water vendors**

- Strengthen water testing and requirements across water vendors
- Compliance on licensing /resale
- Where are water vendors getting water?
  - Reverse osmosis
  - Taking from water table? How far going down?

**Public awareness about water source**

- Public awareness, water from well?
- People don't know where water is coming from
- Education, funds from overseas groups

**Health concerns of open water**

- Health concerns regarding open water storage (mosquitoes, disease)

**Dependence on water catchments**

- Other islands live off catchment
- Need to better assess natural resources, are we utilizing fresh water lens
- Canal building example: destroying fresh water lens
- Survey of catchment capacity
- How much fresh water is inside

**Water quality**

- Need to improve quality control of water tanks for public consumption
- Historical for TCI (Salt Cay, Grand Turk)
- Monitoring private wells

**Disaster management**

- Disaster management, need water

**Risks to water quality**

- Sink hole used as dumping grounds, people then take water
- Airport care
- Impact of septic tank?
  - Seems to be working well
  - Monitoring of cisterns
  - Club Med may need monitoring
  - How often?
- All grey water should go to septic
- Oil, fertilizers, pesticide – modern landscaping effects on nature (guess into fresh and marine)

**Landscaping**

- Understanding value of natural plants
- Resorts: establish guidelines
  - Landscaping
- Growing trees
- Soil testing, look at effects excessive use
- Monitoring must take place
- Problem with planning policies regarding habitat clearance, indigenous plants

**Fresh water consumption**

- People used to value, now we have tap easy to get
- Public awareness
- Provo water has public awareness

**Challenges for government management**

- Management:
  - DEMA and marine police
  - Resources are limited for government departments
  - DDME workshop
- Are good measures by DEMA
  - Need public awareness that they don't have manpower

**Effects of enriched water runoff and pollution on marine ecosystem**

- Imbalance of nutrients on marine ecosystem from over use
- Causing eutrophication on marine life and birds, algae blooms [*Eutrophication is when nutrient levels in the water are rising higher than the natural environment can cope with*]
- Oil and fuel spillage (small private and commercial)
  - Bilges, holdings tanks
  - Turtle Cove dumping
  - Being done
- Flushing in ponds and marine

**Dredging**

- Dredging is problem:
  - Silt and mud

- Flooding and water is congregated in area
- Leads to poor development

### Fast feedback points

#### **Water quality pollution**

- Marine pollution
- Land waste/chemical disposal that leaches into fresh and marine water systems
- Hydro carbon spillage and accident management plan

#### **Water Quality Management**

- Survey all type of water sources
- Water testing for
  - Residential
  - Commercial
- Water quality management

#### **Public Awareness**

- Public awareness about the importance of water as a resource

#### **Monitor and Enforce**

- Regulations are in place, however more needs to be done to monitor and enforce

## 4.5 Waste management

### What is already being done and working well? (By government, business, NGO, communities, or citizens).

#### **Government funding and management**

- Government finances stable in funding waste management
- Control over dump sites (Provo and Grand Turk only)
- Prisoners cleaning up? (Grand Turk)

#### **Improved collection**

- Collection system has improved

#### **Public and private partnership**

- Public and private partnership

#### **Recycling**

- Recycling concept is being promoted and accepted
- Use of reusable shopping bags

#### **Clean ups**

- Clean-up campaigns land and marine
- Hotels and resorts cleaning roadside and beach access

#### **Public ownership and engagement**

- Residents and business taking ownership (Provo and Grand Turk only)

### How could that be strengthened and enhanced further?

#### **Enforcement**

- Enforcement of existing litter laws

#### **Improved collection of waste**

- Improve collection on other islands

#### **More trash bins**

- More visible trash bins (big)

#### **Foster national pride**

- More national pride on keeping TCI clean, green and pristine

#### **Education and awareness**

- Education and awareness from school systems and media outlets

#### **Improvement of dumps**

- Liner for waste site to prevent seepage

#### **Initiatives between government and private sector**

- Private sector adopting of road ways and communities

**Reduction of stray animals**

- Reduction of stray animals: large and small

**Reduce, reuse, recycle**

- Ban on plastic bags and Styrofoam products
- Put deposit on bottles and cans
- Provide incentives to use recyclable bags

**What else needs to happen?**

**More effective enforcement of litter laws**

- More enforcement
- Stiffer penalties?
- More resources (finances) in order to enforce
- More signage, public notices on littering fines
- Authorize other government agencies to implement or enforce
- Enforcement of fines

**Foster pride in clean country**

- Government needs to lead the initiative
- Pride month

**Improved disposal**

- Improve disposal for different types of waste
- Conversion of reusable oils

**Review list from the previous engagement and add additional ideas.**

**Ban on plastic bags**

- Ban on plastic bags and Styrofoam

**Line waste dumps to stop toxic run off**

- Liner for waste sites to prevent seepage

**Partnerships to clean up**

- Strengthen private and public partnerships beyond hotels and resorts

**Incentivise recycling**

- Introduce deposit value on recyclable products

**Clean up work force**

- Reintroduce prisoners cleaning up

**Increase pride**

- National Pride Week: competition for best kept yard, area, community
  - Drive in churches to promote ethics

**Information signs**

- More signage and public notices

**Roundabouts**

- Adaption of roundabouts to include medians

**Fast feedback points**

**Ban plastic bags and styrofoam**

- Ban on plastic bags and Styrofoam products
- Ban on plastic bags and Styrofoam containers
- Ban on plastic bags and Styrofoam products

**Enforcement**

- Enforcement of fines
- Enforcement of existing litter laws
- Enforcement of laws

**Education and Awareness**

- Public awareness and education and stewardship
- Educational programs and awareness

**Disposal**

- Appropriate disposal mechanism for different types of waste

**Partnership**

- Importance of public-private partnership

**Recycle Value**

- Introduction of deposit on bottles and cans

**Reuse**

- Conversion of reusable oils

## 4.6 Sustainable energy

### What is already being done and working well? (By government, business, NGO, communities, or citizens).

**Progress regarding renewable energy sources**

- Draft energy policy (outlining TCI government objectives to reduce and stabilize energy costs) <17>
  - Including renewable energy
  - Including energy efficiency
- Regulatory reform. Can access renewable off grid currently: changes currently being done to Energy Ordinance and other legislation impacting small scale and utilities <17>
- Inter-connection currently being researched/explored <17>
- Duty-free renewable imports in Customs Ordinance leading to lower duty for energy efficient technology <17>

**Switch to more energy efficient lights**

- Stopping/swapping high pressure sodium streetlights for LEDs and solar LEDs
- Phasing out of all incandescent light bulbs

**Customs ordinance – duty free**

- Amendments to Customs Ordinance to include other energy efficient labels (e.g. energy star)

### How could that be strengthened and enhanced further?

**Encouraging change to energy efficiency**

- Public awareness and education about energy efficient activity
- That people have the ability to do this within and by themselves
- Awareness of benefits ie you/consumers can save money
- Subsidise programmes for consumers to improve household efficiency
- Reducing energy costs increases profitability

**Increased communication about energy**

- On current legislation:
  - What is allowed?
  - What changes are to come?
- Education on how renewable energy works

**Funding**

- Funding

**Research and idea development**

- Feasibility studies on other renewable energy technologies/sources (i.e. OTEC)
- Explore thermal energy (Geo and solar)

### What else needs to happen?

**Change of behaviour**

- Foster energy efficient through behaviour modification
- Change bulbs – saves money
- Tinted windows – saves money

**Co-generation**

- Look into ways to recover wasteful energy
  - 40% of energy is produced as heat which is lost
- To maximise energy efficiency
- Co-generation

**Greater use of renewables**

- Increase solar use

**Energy efficient construction and retrofit**

- Educating contractors and installers on energy efficient construction and development
- Energy auditing for hotels and other commercial businesses
  - Retrofitting

**Policy and legislation**

- Building codes need to be updated
  - Materials
  - Mechanical/electrical equipment
- Waiting for draft policy to be implemented leading to public feedback

**Accredited installers**

- Government needs to ensure consumers are protected by ensuring accredited parties are installing

**Community renewable use**

- To reduce cost: collaborated effort from community leading to shared battery cells with community renewable use
- Community battery cells and off-grid renewable can be more expensive

**Fast feedback points**

**Cluster of Clusters header**

**TCI is willing to change**

- The willingness of TCI to change to renewable energy

**Public awareness campaign**

- Aggressive public awareness and education campaign that covers:
  - Current legislation regarding renewable energy
  - Changes to come regarding current legislation and how that creates an enabling environment
  - Energy efficiency and energy conservation activities that engender behaviour change
- Importance of public awareness and education – in the whole sustainable energy process

**Individual's energy choices**

- Need countrywide information about energy reduction: the why and how
- Individual consumers taking the lead in reducing energy usage:
  - Light bulbs
  - Hot water heaters
  - etc
- Decrease energy usage: behavioural modification through education

**Government effort for renewable**

- Government to break Fortis monopoly – allow mix of produced energy (Fortis) and solar, wave, wind energy
- Energy Bill being worked on that will aid in ensuring sustainable energy in the long term
- Implementation of the draft Energy Policy and Regulatory Reform which sets the stage and creates an environment for the deployment of renewable energy technologies (small scale/utility scale) and energy efficiency programmes
- Government role in policies making that can bring about meaningful changes

**Building Codes**

- Modification of current Building Code to mandate the use of more efficient technologies/designs that cover

- Materials
- Mechanical/electrical systems
- Architectural designs which enable energy savings within the building fabric
- Building code that can enhance energy efficiency and reduce the cost to the customer

## 5 Mainstreaming the environment into strategic decisions and thinking

### 5.1 Funds, capacity, knowledge and skills to manage the environment better (for NGO and Government)

What is already being done and working well? (By government, business, NGO, communities, or citizens).

#### **Greener tourism**

- Government's push for tourism
  - "Beautiful by Nature" has been used to promote the islands
  - It is what we are meant to live by
- Tourism symposium
  - Bringing together experts and people from the industry
  - Educating people in the industry

#### **Waste reduction/recycling**

- Waste receptacles (done, but not well)
- Recycling is done, but not widespread
  - Not necessarily effective
  - TCI Waste: private only
- To be effective it needs to be widespread (only on Provo)

#### **Animal control**

- TCSPCA and other NGOs control animal populations on every island. Impacts tourism positively

#### **Environmental NGOs**

- TCRF is another NGO that supports the environment
- TC National Trust promotes culture and heritage (preserve)

#### **Green Energy**

- Green funding
  - Private citizens donate
  - To clean energy
  - A number of projects
  - Has been established – in the works. Should be operational by the end of the year <17>

#### **Legislation in place or in the pipeline**

- Legislation is in place
- Stuff is on the books but needs to be brought out
- Convention on biological diversity (2008): approved by Advisory Council but stalled in Attorney General's chambers

#### **Partner working between DEMA and others**

- DEMA has several MOUs with NGOs and private sector to partner with environmental issues

#### **Community and citizen conservation**

- Junior Park Wardens programme: education for younger people – only on Provo
- Community conservation partner program

#### **Public awareness – but need more.**

- Capacity – some public awareness and education (but not enough)
- Some capacity in tour operators, taxi drivers, etc – need more
- Road safety – training programme for taxis – courtesy training: sponsored by Tourist

Board and Community College

**Wreck on Governors beach.**

- Something is being done about the wreck on Governor's Beach?

**How could that be strengthened and enhanced further?**

**Environmental ambassadors**

- Junior Tourism Ministers should be expanded to all islands, so each island will have an environmental ambassador
- Ambassadors should be an active group through remote technologies: Facebook, Skype, etc

**Community advocate for greener TCI**

- Protecting the environment has to be everybody's business, not just government business. Each person must do their part
- The community must insist that we want to get this done. It needs to come from the grass roots

**Enforcement**

- Enforcement of legislation

**More resources for key departments**

- Departments that have the most important legislation tasks are not resourced
- DEMA has no gas for their boat
- Agriculture has only 2 officers

**Funding streams**

- Voluntary purchase now of TCRF tags - should be made mandatory to purchase a tag to dive in the National Park – tourists will not blink
- Reintroduction of the Conservation Fund: it was a percentage of Accommodation Tax (1%) earmarked for conservation
  - Was used twice for spay/neuter
  - Funded by tourists
- Carnival has an infrastructure fund (for Grand Turk only)

**Training and skills**

- Training and skills
  - Dissemination of information
  - Can be voluntary
  - Can be via partnerships
  - Can translate to other things
- Training is good, but if it is not taken forward it is pointless. No implementation then not effective.
- We must train the right people
- Train from the bottom up

**Education**

- Education about the environment should be standardized and mandatory in all schools. Teachers need to be trained

**Promote recycling**

- Recycling is not everywhere. It needs to be better publicized and public awareness needs to be strengthened. Nobody knows how to do it
- This will help everybody to be more involved

**Improved communication**

- Better communication: inter-departmental and inter-island

**Improved waste management**

- Grand Turk garbage is terrible. There is no trash pick-up. It doesn't work
- Funding and resources need to be made available for solid waste (garbage). The whole country has a problem
- It is hurting our image. Tourists can't believe the garbage

**Reduce congestion**

- Provo is congested
  - Promote cycling
  - One-car policy

- Car-pooling
- Public transportation that is reliable (not jitneys)

**Planned and sustainable development**

- Infrastructure is not sufficient for 12-storey buildings
- Infrastructure must keep pace with development
- Feasibility assessments are needed for policy changes

**Effective resource management**

- Resources that we have need to be managed more effectively

**What else needs to happen?**

**Long-term 'vision' and planning**

- Our vision is short. If we want our environment to be protected we need to have a vision that sees protection of all our resources
- Decisions are irrational, short-term. Need a long-term vision

**Education and awareness**

- More people need to be informed about the importance of the natural resources. People do not know about the reef
- They need to understand what we have and what we need to protect
- People need to be educated to make informed decisions
- We need public education on how to debate
- Complacency needs to be changed

**Stakeholder participation and influence**

- More public consultation
- Voices need to be heard. Public empowerment.
- More public debate and public opinion needs to be weighed

**Town hall meetings perhaps not best method**

- Town Hall meetings currently don't make people feel heard
- Town Hall meetings, as per Bahamas, for all major developments
- People are "bruised and damaged" and don't want to fight

**Review list from the previous engagement and add any additional ideas.**

**Make it easier for DEMA to act**

- Empower DEMA
- Reiterate the need for sustainable funding for conservation and education
- Remove unnecessary bureaucracy
- Better linkage to government offices to streamline processes

**Improve communication/transparency**

- Better linkage within offices and the public as well
- Information is for the chosen few
  - Government transparency
  - Dissemination of information
- Improve all linkages, in general

**No abuse of power in decision making**

- Political promises are not kept. Politicians tell people what they want to hear
- Checks and balances so there is not abuse or power to the detriment of the environment e.g. 12 storeys

**How could work on this be resourced and moved forwards?**

**Mainstream a conservation ethos**

- Conservation ethic needs to be mainstreamed

**Initiatives to raise funds**

- Conservation Fund should be number 1 for government to reinstate sooner rather than later
- National Park fees for use. Can provide funds for above. Provide souvenirs.
- National Park fees could fund more DEMA officers

- When officials travel, they should look out for funding [opportunities] to protect the environment

**Revenue from waste measures**

- Figure out how recycling can work. Bottles have value – put a price on them
- Turks Head brewery could recycle and re-use
- Bottle deposits
- Pay for bags (plastic) will also generate revenue (tax)
- Mandatory bag tax

**Public engagement with issues**

- Public debate needs to be more frequent. People need to have their voices heard

**Fast feedback points**

**Reinstate the Conservation Fund**

- The Conservation Fund can be reintroduced, but it needs to always be properly managed
- Reinstatement of the Conservation Fund to help with the lack of funding. Most issues within this category seem to stem from a lack of funding
- Reinstatement of the Conservation Fund
- Conservation Fund needs to be reinstated
- Reinstate the Conservation Fund

**Empower DEMA**

- Empower DEMA by expanding the department and providing sufficient resources so they can protect the environment
- Need to empower DEMA and increase staff so that other work can be more effective

**National Park Fees to raise revenue for DEMA**

- National Park fees can be introduced. This would generate additional income for TCI government
- Mandatory payment of National Park entrance fees by tourists wishing to dive or snorkel
  - Stamp obtained on entry into country
  - Monies used to increase DEMA's resources

**Public participation and influence**

- Open debate and consultation which includes public. Transparent government and better linkage with offices, departments and islands to share and disseminate information. Public should feel that they are heard
- More public debate on major development decisions that can affect the environment

**Solid Waste and Public Awareness**

- Recycling and solid waste management
  - Need to be properly funded and organised across all of the islands
  - Issues with garbage collection and disposal across the islands
- Recycle bins and the whole concept needs to be enforced countrywide
- The situation with waste on Grand Turk is really bad. The concept of recycling can be introduced as a way forward
- Access to information in the form of increased public awareness campaign and education e.g. recycling programme done in Provo: public not very well informed. Programme (and education) needs to be extended to the other islands

## 5.2 TCI strategic and island specific sustainable development and spatial planning

**What is already being done and working well? (By government, business, NGO, communities, or citizens).**

### **Nothing**

- Nothing is being done well

### **Plans in the past**

- Grand Turk used to be planned?
- Has a zoning system?
- All other islands have land use systems

### **National trust**

- National Trust is securing heritage property for protection

### **National Park Ordinance**

- National Park ordinance (Protected Area)

### **Industries and cooperatives**

- Aviation development planning?
- North and Middle Caicos co-op Straw market industry
- Sustainable fishing industry (past, used to)

**How could that be strengthened and enhanced further?**

### **Create new plan**

- Update old and create new plans
  - Revision of national physical development plan
  - Zoning plans updated for all islands

### **Audit and study**

- Carry out audit of current land remaining
- Island-wide study to identify best-suited development for each island
- Research and survey to collect data towards formulating policies (enforcement and policing)

### **Protect and manage cultural and natural assets**

- For straw market industry, protect the lands on which the trees are found
- Better management of remaining land

### **Government support for National Trust**

- Better TCI government support for National Trust

**What else needs to happen?**

### **National Development Plan**

- Creation of an all-encompassing national development plan
  - Social, environmental, physical, political, etc
- Develop and implement an infrastructure development plan

### **Stakeholders to help create plans**

- Discussions with key stakeholders in individual islands to create island plans

### **Action plans**

- Prioritising action plans with performance indicators

### **Improve aviation plan**

- Improve aviation plan to improve other islands

### **Promote niche tourism**

- Entire Salt Cay should remain as historic island
- Grand Turk: promote walk-able communities and health tourism

### **Link Islands**

- Linking islands to support more unity and economic opportunity

Review list from the previous engagement and add any additional ideas.

**National sustainability plan**

- All-encompassing national development plan to resist changes in government, political pressure (*ref previous engagement text*)

**Sustainable partnerships with public through education**

- Ongoing education and public awareness to create sustainable partnerships

**Learn lessons**

- Lessons learned at home and around the region on sustainable development
- Be proactive and reactive where possible

How could work on this be resourced and moved forwards?

**Capacity through training or consultancies**

- Training in targeted areas
- Consultancies where necessary

**Buy-in from all stakeholders**

- Get buy-in from all stakeholders, including government, to implement plans

**Find funding**

- Source local and international funding

Fast feedback points

**Development Plan – Revise and/or Create**

- Creation of plans
- Develop and implement an infrastructure development plan
- Update/revise development plans
- Revise national physical development plan

**Stakeholder engagement**

- Get buy-in from key stakeholders, including government, to implement
- Consultation, education and buy-in

**Public awareness**

- Promote public awareness and educate public on sustainable principles

**Political will**

- Having the political will to implement these changes
- Better management and enforcement

**Implement Fisheries Improvement Plan**

- Implementing F.I.P. to better support the fishing industry

**Islands Link Up**

- Link all the islands to support more unity and economic opportunity
- Linking of the islands to support economic development and social unity

### 5.3 Strengthening the development approval process

\* Please not in this group, points marked with an asterisk are those selected for 'fast feedback'.

What is already being done and working well? (By government, business, NGO, communities, or citizens).

**Planning of development**

- There are MOUs
- Application comes after MOU
- Development can only proceed with outlined planning
- Planning leads to EIAs
- Can be strengthened by having detailed plans

\* Application process involves multi-departmental feedback

**Licenses**

- Licenses to operate and there are specific licenses for different needs

### How could that be strengthened and enhanced further?

#### Guidelines

- Development roadmap for the country and applicants
- \* – Clarification on applications (where/who/what, etc)
- Development processes for businesses, citizens: compliance and regulations
- \* – Development handbook not for just planning

#### Forums for Feedback

- No forums for feedback

#### Communication

- More meetings/conferences/workshops

### What else needs to happen?

#### Effective stakeholder consultation

- More clarification on the goals of consultation rather than doing it just to do it
- \* – More consultation with stakeholders on every island
- Strengthening approval process for citizens' input

#### Streamline application processes

- \* – Shorter application process, time-wise
- Online application process for better efficiency and transparency

#### Improve inter island communication

- Better communication between islands

#### Fees

- Foreign Direct Investment (FDI) needs to pay development fee for due diligence and proper project review (independent)
- \* – Construction and environmental bond should be mandatory (for accountability and assurance)

#### Insurance for boats

- Insurance should be mandatory for all boats

### How could work on this be resourced and moved forwards?

#### TC Invest

- The House of Assembly will review a bill for reinstatement for TC Invest, which will be a dedicated statutory body
- Needs to be independent review by World Development Bank

#### Best practice approval process

- Cost and time approval process needs to be strengthened
- \* – International best practice and survey of approval processes

#### Data from existing developers

- Resource data capture from existing developers and developments (aftercare)

#### Post completion steps and compliance

- Post-completion steps and compliance

## 5.4 Environmental plan and audit

### What is already being done and working well? (By government, business, NGO, communities, or citizens).

#### Existing plans and charter

- Fisheries Plan
- Protected Areas Plan
- Climate Change Plan
- Environmental charter (does it have an action plan?)

#### Existing audit

- Beaches has an 'Environmental Certification' – Fortis

- Do they have a plan?
- 95-98% business community are not involved in an environmental plan (?)
- (?)unconvinced

#### **Example of greening business**

- Big Blue is planning to reduce non-biodegradable by-products on trips
  - All water bottles on trips are reusable
  - Use of paper minimised as much as possible
  - Increased use of human-power in tours (kayaking, swimming, paddle boarding, etc)
  - Engines converted from 2-stroke to 4-stroke
  - Locally-sourced food where possible
- Marinas which have undertaken an Environmental Impact Assessment (EIA) have put in place:
  - Human waste disposal
  - Disaster management plan
  - Oil spill mitigation

#### **Increased community action and communication**

- Citizen/community environmental consciousness improved (2)
  - Community coastal clean ups
  - Community science (turtle tagging)
  - Community manatee action
- Social media engaging people of similar mindset

#### **Organisations**

- DEMA/National Trust/Reef Fund

### **How could that be strengthened and enhanced further?**

#### **Strategic Plan**

- Develop a more strategic plan

#### **Set standards**

- Common standards/plan (government, business, NGO, communities, citizens)
- Set standards and maintain standards
- (e.g. no plastics (plastic bags) or oil on water)

#### **Government held to account**

- Government held accountable if they don't live up to deliverables

#### **Start with what you know**

- Acknowledgement of responsibility
  - Of footprint
- Audit within acknowledgements
  - An objectivised audit process

#### **Incentivise individual good practice with awards**

- Acknowledge/reward individuals. Like award ceremonies in hotel/tourism industry
  - 'Most Innovative', 'Leaders', etc

#### **Inform people about current plans**

- Dissemination of proper information with regard to current plans

#### **Coordination and collaboration**

- Coordination between stakeholders
  - Collaboration

#### **Hotel standards**

- Review and accreditation (i.e. star ratings for hotels)
- All hotels should strive for certification - Be inclusive

### **What else needs to happen?**

#### **Create and make available an overarching environmental plan for sectors and habitats**

- Get resources to conduct an environmental plan/audit
- Set a plan for sectors and habitats - Incorporate standards and audit
- Create a plan in order of importance and rate this according to resources required

- Website with environmental plans in PDF format - Make accessible

#### **Audits plan**

- Encourage audit to be a necessary follow-up to a plan

#### **Cabinet to have courage to make changes**

- Cabinet can make changes – just needs courage

#### **Foster a pro-environmental ethos and attitudes**

- Change mentality that we don't always need resources
  - You can make money and have a minimal environmental impact
  - Some aspects of plan only require a change in habit and do not require funding or resources
  - Courage and boldness
- Change mindset from "We need more" to "We need less".
- And that there does not always need to be opposition

#### **Clear information about cost, ease and benefit of changes**

- List in environmental plan for change, including:
  - Cost to change fuels
  - Cost to change from paper to plastic or vice versa
- Rate on difficulty scale

### **How could work on this be resourced and moved forwards?**

#### **Developing a plan**

- Scoping exercise
- Look at environmental plans that work elsewhere

#### **Criteria for development approval**

- Develop key standards and points that must be met prior to development approval

#### **Green Economy Workshops**

- Conduct this Green Economy Workshop in schools
- Document workshop

#### **Funding for environment**

- Channel 12% water sport tax into environment
- Charge resident park usage

#### **Leader to champion environment**

- Benevolent dictator (eco-minded)

#### **Environmental consultancy**

- Environmental consultancy (i.e. Global Green)

### **Fast feedback points**

#### **Environmental Plans in Business**

- Environmental plans come in many forms. Public does not know about them
- 98% of establishments and businesses do not have environmental plan

#### **Mental Shift**

- The need for a "mentality shift" in what changes can be made now simply by choice, not cost
- Need to change mindset
- Need to encourage with awards and rewarding people and companies for following plans

#### **Environmental Plan and Audit**

- The 'self-audit' subjective to stakeholder recognition and vote – awards.
- US International independent audit
- Need to promote audit as a positive event that is reward, not punishment

#### **Standards**

- Standards must be developed and enforced

#### **Environmental Priorities**

- Overall environmental plan used in order of priority (e.g. urgent alteration) versus cost effectiveness

## 5.5 Greening Tourism further - and influencing current Tourism Strategy

**What is already being done and working well? (By government, business, NGO, communities, or citizens).**

### **Current tourism strategy**

- Put out knowledge about current tourism strategy
- Current strategy being revised
- Hired financial company to review strategy
- This project - Input into current strategy

### **Green tourism**

- Minimize impact on environment
- Make tourism sustainable
- Note: guests like the 'idea' of eco-friendly, recycling hotels but don't necessarily participate

### **Tourism attractions**

- Managed sites and land with culture and heritage can then be used by tourists
- National museum
- Tourist 'trip' should start from airport

### **Ecotourism**

- Promoting ecotourism in TCI
- More eco-lodges and hotels

### **Low impact recreation**

- Low impact activities, e.g. kayaking and lower capital investment
- More sailing
- TCI mooring management

### **Greening means clean?**

- Does greening tourism mean clean?
- Example: Tobago – clean
- Bonaire

### **Relationship between Government, NGOs and Private Sector**

- NGO has Memorandum of Understanding with government
- Private sector and government
- Government making decisions
- Support NGOs
- Government helps to support management
- Get all private sectors to support government
- Collaborate efforts between government/NGOs/National Trust

### **Fundraising**

- Independent fundraising

### **NGOs**

- TCI National Trust
  - Private
  - Has some regulations
  - Grant from government, but can also independently fundraise
  - Land use from government

### **DEMA**

- National Parks/DEMA
  - Scientific officers
  - Monitoring
  - Research
  - Decision-making

### **Environmental Protection**

- National Parks
- RAMSAR sites
- Protection for species (marine and land)
- Protection of wetlands

- Park regulations (ban jet skis)

#### **Historical/heritage areas**

- Historic buildings protected
- Historic sites e.g. caves
- Heritage tourism
  - History of boat building
  - Maritime heritage

#### **Fishing practices and policy**

- Fisheries practices – BUT can they be improved?
- Sport fishing regulations
- Catch and release policy
- Bonefishing regulations
- Ban on black coral
  - Protections

### **How could that be strengthened and enhanced further?**

#### **Funds for conservation**

- 1% of accommodation tax 'supposed' to go to conservation BUT is it 'there' but doesn't exist

#### **Incentives for greener low impact business**

- Duty incentives or small business loans for businesses using low impact tours or transport

#### **NGO**

- Increase membership in National Trust
  - Manage cultural heritage in country
  - Needs to be managed better
  - More funding/marketing

#### **Tourist more aware of their impacts**

- Impacts on environment: from guests – in water have direct impacts
  - Out of ignorance
  - Not enough awareness
- Educate tourists what can/can't do
- Awareness program for tourism providers to help tourists:
  - Once they're here and upon reservation
  - Where/what should tourists do?

#### **Low rise development**

- Height restrictions are an asset for planning and development. More environmental impact with more people/garbage/energy use

#### **Involve local people**

- Involve local people more to make it work
- Use local knowledge to see what to improve
- Help local people feel ownership towards island and tourists and tourist product
- Lack of local understanding of how broad the whole tourism industry is

#### **Environmental education**

- Environmental education starting from the bottom up
- Education in classrooms

#### **Waste management**

- Clean garbage
- Show 'we care about island'
- Change how we deal with garbage - Incinerators
- Serious step towards dealing with plastics - Ban it?
- Categorize garbage

#### **Alternative energy**

- Deal with energy and overall alternative energy plan
- Step away from fossil fuel
- Electric vehicles
- More environmentally-friendly transport

### **Use of Natural Resources**

- Identify and utilize more natural resources, e.g. conch shells
- Local handicrafts: encourage sales

### **What else needs to happen?**

#### **Recreational fishing**

- Improve fishing regulations
- Fishing regulations being enforced
- Fishing consumption by tourists - control?
- Better deep sea fishing regulations
- Catch and release fishing tournaments

#### **More policing**

- More policing

#### **Waste management**

- National waste policy?
- Clear plastic straws to coloured straws (easier to find)
- Reusable straws?
- More recycling
- Return policies/bottle return
- Penalties and rewards for following policies
- Garbage bins at beach access emptied
- National sponsor and fund to empty bins

#### **Green products and food**

- Control what is sold on-island
  - Local businesses
  - IGA
- Hotels could have green menu – organically grown on island

#### **Greener building materials**

- Utilise more environmentally-friendly building materials

#### **Information for tourists**

- Tell tourists what to do
  - Leaflets
  - Knowledge
  - Use biodegradable sunscreen - Policy you all can use
  - Leading to awareness and policy
- TCI 'passport' tourist info
  - List of 10 etiquette
  - Messages
  - Advertisements
  - Environmental etiquette
- Education coming from officials (i.e. customs)
- Discover magazine do's and don'ts
- Do's and don'ts list at the airport
- Improve ability for visitors to get involved in local NGOs
  - Donate
  - Volunteer
  - Helps to get them invested

#### **Fees/Funds**

- National Park mandatory fees
- Make 1% Conservation Fund tax available for conservation

### **Review list from the previous engagement and add any additional ideas.**

#### **Hotel standards**

- Accreditation for hotels and tourism operators endorsed by local partners
- All new hotels need recycle and waste management and grey water
- Native landscaping

- Maintain local vegetation in building process. Advantage: cheaper and no irrigation

**Encourage involvement of local businesses**

- Encourage more local people and businesses to get involved

**Maintain salinas**

- Wash town Salinas with sea water during the summer to encourage more pleasant for tourists

**How could work on this be resourced and moved forwards?**

**Collaboration**

- Collaboration:
  - Government; and
  - Private sector; and
  - Schools; and
  - Tourists

**Cleanliness**

- Keep island clean to encourage tourists

**Financial support/funding**

- Increase financial support for conservation initiatives
  - Government
  - Fundraising
  - Grants
- Funding strategy

**Transparent plans**

- Transparent plans (to make getting funding easier)

**Education and awareness**

- Educate tourists
- Pamphlet with map and National Parks
- Advertise green do's and don'ts for tourists

**Leading NGO/group**

- Need a group/NGO that spearheads project

**Fast feedback points**

**NGO to manage green tourism**

- Establish or identify an NGO to centralise and manage the national tourism eco-drive
- Need to know more about and support the National Trust

**Collaboration between all**

- Collaboration between: Government, Private, Schools, Tourists. Leading to environmental management and conservation programs
- Encourage local participation in tourism development

**Awareness – Advertise/spread knowledge about being 'green' (for everyone)**

- A national educational campaign that includes: Government, Private sector, The schools and Tourists
- “Advertise” green do's and don'ts in local magazines and handouts at airport and in hotels
- Public environmental regulation/etiquette awareness and enforcement

**Waste Management – Keep island clean**

- Introduce incinerators, no deposit no return, policies of non-degradable containers

**Fisheries Management**

- Fisheries management –both tourist and commercial

**Scoring/Accreditation Program**

- Encourage more local businesses, all hotels and other operators to have environment and greening initiatives and scoring for comparison

## 5.6 Enhancing environmental understanding and education at all levels

**What is already being done and working well? (By government, business, NGO, communities, or citizens).**

### **National Trust**

- National Trust (NGO) has environmental education/PR aimed at sensitisation
  - Primary, secondary, local community groups
  - Museum – awareness for visitors and residents, archaeological and natural interest sites
- Well - National Trust – educational awareness

### **Businesses**

- Businesses
  - Provo water company – annual program
  - Fortis energy conservation
  - (Government) DEMA – environmental programs like Junior Park Warden, visitors centre

### **Community/citizen groups**

- Citizen group, Environmental club – environmental awareness, beach clean ups, tree restoration etc

### **Education aimed at tourists**

- Business, water sports have developed tours geared at sensitising visitors to uniqueness of TCI environment

### **Schools**

- Public and private schools – curriculum includes understanding of TCI environment

## **How could that be strengthened and enhanced further?**

### **National campaign/green branding**

- Need national campaign (like symbol or mascot) focusing on flora and fauna (endemic)
  - Mainstream through businesses and everyday life
  - Key is fostering national pride (green branding)
- Within campaign need more practical/informal geared toward fishermen, craftsmen

### **Use approaches to learning that work**

- Don't tell. But share and learn and story telling
- For schools, more field trips, experiential learning platforms
- Need to account for different languages - More environmental publications

### **Funding**

- Funding needs strengthening

### **Incentives**

- Need concessions and incentives in promoting green practices at every level

### **Make National Park ordinance available for all**

- National park ordinance made available to all sectors of community

## **What else needs to happen?**

### **Use innovative approaches to learning**

- Incorporate emerging trends in environmental education
  - e.g. social, environmental fairs, exhibitions, musical lyrics

### **Build capacity and skills for environmental education**

- Building capacity among environmental institutions/educators

### **Guidance for visitors**

- Sensitising visitors to be more aware of conservation practices, e.g. not using so much water, towel reuse. Mandatory on terms of licence

### **Seminars for decision makers**

- Provide seminars that foster an increase in the level of awareness among decision-

makers on anthropogenic impacts on environment, business opportunities for local community and risks. The need to look at thresholds of environmental capacities

**Inform policy and decision makers**

- Make mandatory that all cabinet papers must require environmental implications, to inform decision-makers

**Innovative waste management**

- Innovative ways to reduce, reuse, recycle (upscale)

**Cruise ships**

- Cruise ship – further development of greening programs

**How could work on this be resourced and moved forwards?**

**Set priorities**

- Building consensus among all sectors
- Setting priorities that encompass inputs and outcomes against national budgets and human resources

**Interpretation**

- Establishing, creating infrastructure that enables learning, e.g. interpretative signage, guided tours, green spaces (public parks), story telling

**Partnerships**

- Partnerships among public and private sector as it pertains to co-funding/resourcing and implementation

**Fast feedback points**

**Inclusion of Local Community**

- The inclusion of people from all levels of the social, political, economic spectra in the education forum
- Increase educational awareness among informal sector groups (fishermen, artisans, crafts folks)

**Partnerships**

- Partnerships among agencies
- Building consensus

**Fostering National Pride**

- Adoption of programmes that promote national pride and green branding
- National pride country branding

**Resources**

- Funding and capacity building
- Learning centres

**5.7 Robust environmental and planning laws, implementation, enforcement in an equitable and fair way**

**What is already being done and working well? (By government, business, NGO, communities, or citizens).**

**Regulations and ordinances**

- EIA, planning regulations
- DEMA regulations including fisheries, marine parks and pollution
  - Coastal, plants and birds (all ordinances)
- National Parks ordinance
- National Trust ordinance
- Planning ordinance, land ordinance, Crown Land policy
- Enforcing National Parks and fisheries
- Legislation is thorough

**Anti-Corruption laws**

- Code of Conduct (anti-corruption laws/integrity)

### **Environmental Impact Assessment**

- Circulated through public works, environmental health, DEMA, disaster management
- ... but EIA not done well, can be manipulated to serve purpose of developer (in some instances)

## **How could that be strengthened and enhanced further?**

### **Regulation review, updated and integrate/consolidate**

- More integration of regulations, not contradicting
- Regulations need to be updated and modernised, not strengthened
- Review and update legislation periodically
- Legislation needs updating with the changing circumstances on the islands

### **Clarify responsibilities**

- Regulations need to be tied in, organisations need to get together and identify who is responsible for what bits
- Who is responsible for certain legislation (not clear)? Need to be consolidated

### **Protection of natural beauty, wetlands, places of ecological value**

- National Parks ordinance only refers to National Parks, Sanctuaries, Nature Reserves and Historic Sites. Doesn't recognise areas of outstanding natural beauty, wetlands, SSSIs or ecological value.
  - The legislation needs to be updated for what we have today
  - Also opportunity to modify or drop if no longer worthy of protection
  - Opportunity to substitute for other areas
- The National Parks legislation is being reviewed
  - A review of protected areas (under way, but not out for public comment yet). Finalising the draft then going out for consultation, then back to Cabinet

### **An equitable appeals process**

- All legislation must have an equitable and fair appeals process with timeframes

### **More resources for implementation of environmental ordinance**

- Insufficient resources (staff and funding) for implementation and enforcement of legislation
- Need more manpower to enforce
- Need equipment, manpower, vehicles, vessels and fuel

### **Qualified staff with ongoing training**

- Staff need to be trained on specialist areas (ordinances and legislation)
- Educate to be qualified to enforce - or those dealing with legislation, including those enforcing
- Need for retention of institutional knowledge
  - Need to keep educating, lose people/lose knowledge

### **Transparency and public participation**

- Need for transparency in decision-making processes
  - Meetings and legislative decisions and updates, community consultation
- Public consultation process could be enhanced prior to drafting!

## **What else needs to happen?**

### **Administrative buy-in throughout Government**

- Administrative buy-in - to allocate resources and enable legislative changes (politicians and Permanent Secretaries (PS's) )

### **Funding and staff resources**

- Financial commitment for implementation and enforcement of the existing regulations
- Having more staff to enforce regulations
- Training of enforcement staff- new and updated regulations and existing

### **Cooperation between all government departments**

- Cooperation from other government departments, e.g. Planning, DEMA, Environmental Health, Disaster Management, Attorney General Chambers (AGC), Crown Land Unit

**New protected areas for different habitats**

- Survey and map all the key environmental protected areas, register them, protect them

**Devolve power over Protected areas away from government.**

- Protection of key environmental areas under a trust (taking out of the hands of government and politicians)

**How could work on this be resourced and moved forwards?**

**Funding for enforcement**

- Direct 12% tax from water sports operators to enforcement training of DEMA officers (have opposition to the tax, but less so if they knew it was going to this)
- Fund more staff for enforcement and training for these staff

**Funding for environment work**

- Government can get money from charging a licence for all of the beach furniture, shade structures, groynes, board walks and other coastal structures that are privately owned but on Crown Land!!
  - Estimated in excess of 10 million dollars annually from this licence approach
- Charging visiting vessels that are fishing a licence fee based on a set price of the length of the vessel
- Re-establish the Conservation Fund (tax on visitors) and sequester and protect this Fund for its intended purposes (need assurance)

**Fast feedback points**

**Cooperation**

- Better cooperation from governmental departments and NGOs

**Find new sources of funding**

- Charge visiting fish vessel a set fee by their length to fish in TCI
- Coastal owners, particularly hotels along Grace Bay, must be charged licence fees for placement of their beach furniture, board walks, jetties, shore structures, etc on Crown Land

**Retain Institutional Knowledge and Training**

- Need for retention of institutional knowledge
- Need training for all enforcement staff so that they can know the regulation

**Increase Manpower Resources**

- Increased manpower and other resources to enforce legislation and policies

**Review and Modernise Legislation**

- Legislation must be modernised to reflect changing circumstances and environment
- Need for comprehensive review of all legislation that affect planning and environmental protection to improve integration
- Review and updating of environmental laws
- All laws must correlate with each other

**Improve Public Consultation**

- Improved public consultation process in all areas (new legislation, planning, etc)

**Improve Process for Planning and Environmental Protection**

- Need TCI government commitment to improving the planning process and environmental protection/enhancement

## 6 Resources for change

What assets and resources\* might you/your organisation be able to harness for shared initiatives and shared outcomes? (\* Assets and resources include: time, effort, energy, information, know-how, innovations, skills, funds, staff, volunteers, initiatives, places, networks.)

Offer	Organisation/persons reference number
<b>All listed assets and resources</b>	
- All listed assets and resources	- <5> Ministry of Environment (definite)
- All listed – for planning (except fundraising)	- <52> Planning (don't hesitate to ask)
<b>Volunteers and time</b>	
- Volunteers	- Big Blue (definite)
- Volunteers and staff time	- Ric Graham (definite)
- Volunteers	- TCRF (in principle)
- Volunteers	- PDM (definite)
- Volunteer personal time and expertise	- <18>, <37>, <11>, and <15> (all definite)
- Volunteer personal time and expertise	- <14>, <8>, <55>, <50>, <22>, <28>, <19>, and <26>
- People: volunteers, staff time	- Candianne Williams (don't hesitate to ask)
- People: volunteers, staff time;	- TCN Museum (don't hesitate to ask)
- People: volunteers, staff time;	- Vicky Dunster (definite)
- People: volunteers, staff time;	- Blue Water Divers (definite)
- People: volunteers, staff time	- Amin Macartney (definite)
- People: volunteers, staff time	- <11> (don't hesitate to ask)
- People for any environmental initiatives (time), particularly for the marine environment	- Fishing Co-op (definite)
- Offer of time wherever needed	- Rebecca Astwood (definite)
<b>Networks</b>	
- networks	- TCN Museum (don't hesitate to ask)
- networks	- Vicky Dunster (definite)
- networks	- Blue Water Divers (definite)
- networks	- Amin Macartney (definite)
- networks	- <11> (don't hesitate to ask)
- networks	- Candianne Williams (don't hesitate to ask)
<b>Skills and knowledge</b>	
- Time/knowledge, etc/promotion	- Chuck Hess
- Sharing of skills/knowledge	- TCI Co-op Fishing/Oscar Talbot (definite)
- Sharing skills from a tourism aspect	- Oswald Skippings (definite)
<b>Environmental etiquette info</b>	
- Share documentation, environmental etiquette promotions	- Big Blue (definite)
<b>Education</b>	
- Kids' camps	- Big Blue (definite)
- School field trips and school presentations	- Big Blue (definite)
- Education, Management of access, and Support	- TCN museum (definite)
- Education, commitment to standardise environmental education, improving curriculum	- Edgar Howell (definite)
- Education support	- TCRF (definite)

- Education
- Education
- <15>, <17>, <14>, <8>, <21>, <56>, <50>, and <28>
- Vicky Dunster (definite)

#### Promotion of environmental information and values

- Partnering with other agencies for public education
- Public awareness and promotions
- Public awareness and networking for Green Energy
- Promotions through website and Facebook
- Mailing list for promotional purposes
- Promotion of environmental values
- Promotion of environmental values
- Promotion
- Production costs for promotions
- Promotion; and Support,
- Education and Promotion
- Internal promotions
- Edgar Howell (definite)
- PDM (definite)
- PDM (definite)
- TCRF (definite)
- Rebecca Astwood (definite)
- Edgar Howell (definite)
- Fishing Co-op/Oswald Skippings (definite)
- <15>, <17>, and <56>
- Big Blue (in principle)
- TCN Museum (don't hesitate to ask)
- Blue Water Divers (definite)
- Ric Graham (definite)

#### Partnerships and active involvement

- Support, partnership, active involvement
- partnership, active involvement
- people, partnership,
- Partnerships that involve capacity building in environment/skill development, environment/science
- Partnerships in developing capacity building initiatives in the area of environmental management, science etc
- Partnerships and active involvement
- Active involvement
- Partnership Programmes
- Active involvement
- Candianne Williams (don't hesitate to ask)
- TCN Museum (don't hesitate to ask)
- <16> and <28> (both definite)
- Employment Services Department (definite)
- <14> Employment Services Department (definite)
- Ric Graham (definite)
- <15>, <17>, <14>, <8>, <21>, <56>, and <50> (all definite) <22> and <28>
- Big Blue (definite)
- Edgar Howell (definite)

#### Parliamentary Support

- Parliamentary support
- PDM (definite)

#### Fundraising

- Fundraising assistance
- Fundraising assistance
- Funding, fund raising (already doing that)
- TCRF (definite)
- Ric Graham (in principle)
- <15> (definite)

#### Data information and knowhow

- Help with licensing, data, information, technical assistance
- Data, information and knowhow. Data sharing, skills
- Data, information and knowhow
- Data and information sharing from SPPH, Premier's office, Airports Authority
- Data and information sharing
- Crown Land map access/assistance
- Access to Crown Land data and management
- Rebecca Astwood (definite) & Ministry of Finance (in principle – needs approval)
- <11> (definite), AG's Chambers (don't hesitate to ask)
- Mike Clerveaux (don't hesitate to ask)
- <37>, <17>, <14>, <56>, <21>, <55>, <50>, <22>, and <28> (all definite)
- <16> and <28> (both definite)
- Rebecca Astwood (definite) & Crown Land Unit (in principle – needs approval)
- Crown Land Unit (in principle)

#### Access

- Management of access,
- <16> and <28> (both definite)

<b>Citizen science</b>	– Community service (citizen science)	– Big Blue (definite)
<b>Boats equipment</b>	– Boats, Equipment,	– Big Blue (definite)
<b>Beach Cleans</b>	– Beach cleans and in partnership	– Big Blue (definite)
<b>Updating legislation, harmonising, and greening</b>	– Assist with updating of legislation, harmonising and greening	– Rebecca Astwood (definite)

## 7 Out of everything that has been discussed what ideas for positive action would you most like to see happen?

Ranking	Idea	No. of dots
<b>1</b>	<b>Education and Awareness</b> <ul style="list-style-type: none"> <li>– Educate residents and visitors regarding sustainable environmental practices</li> <li>– Increased education and awareness</li> <li>– Involvement of all in educating locals and tourists on the do's and don'ts of keeping (getting) TCI green</li> </ul>	<b>18</b>
<b>2</b>	<b>Plans: strategic and spatial</b> <ul style="list-style-type: none"> <li>– Creation of strategic plans</li> <li>– Revised development plan (national development plan)</li> <li>– There needs to be a proper infrastructure plan in place</li> <li>– Physical development plan 2014-225</li> <li>– Focus on long-term environmentally-sustainable development to maintain the low density, low impact positioning of the country (includes ecotourism/lodges on Middle, East, etc)</li> </ul>	<b>12</b>
<b>3</b>	<b>Sustainable use of the TCI Environment (behaviour)</b> <ul style="list-style-type: none"> <li>– Sustainable use of the TCI environment by its residents for recreation and revenue</li> <li>– Identify no-take zones in the TCI with independent environmental/conservation funds/resources</li> </ul>	<b>11</b>
<b>4</b>	<b>Funds for DEMA/Reinstate the Conservation Fund</b> <ul style="list-style-type: none"> <li>– Reinstatement of the Conservation Fund</li> <li>– Reinstate the Conservation Fund</li> <li>– Empower DEMA with resources, manpower and will to enforce environmental and fisheries management regulations</li> <li>– Sufficient budgetary, capital and human resources allocated to addressing environmental monitoring and conservation</li> <li>– Leverage new revenue source (12% tax on water sports) to funding for DEMA and environmental protection</li> </ul>	<b>7</b>
<b>5</b>	<b>NGO and government working together</b> <ul style="list-style-type: none"> <li>– Government and NGOs working together on more environmental issues</li> <li>– Synergy among NGO, government etc</li> <li>– Government and government working together?</li> </ul>	<b>7</b>
<b>6</b>	<b>Sustainable energy</b> <ul style="list-style-type: none"> <li>– Mandate change in current building code to include energy efficiency from design, mechanised/electrical systems/technologies</li> <li>– Funding to support initiatives to aid consumers in swapping out less efficient technologies (e.g. incandescent bulbs, water heating, etc) for more energy-efficient technologies</li> <li>– A real and genuine move towards sustainable energy</li> </ul>	<b>7</b>
<b>7</b>	<b>Recycling on all islands</b>	<b>5</b>

	<ul style="list-style-type: none"> <li>- Waste management and recycling</li> <li>- Advancement of concept of recycling for the island of Grand Turk</li> <li>- Countrywide and island-wide recycling implementation</li> </ul>	
<b>8</b>	<b>Linking (physically) Caicos Islands</b>	<b>5</b> <b>(less points than item 7)</b>
	<ul style="list-style-type: none"> <li>- Linking of the Caicos Islands to spark economic growth and development and social unity</li> </ul>	
<b>9</b>	<b>Green accreditation</b>	<b>4</b>
	<ul style="list-style-type: none"> <li>- An accreditation process for businesses in TCI in their level of involvement in the greening of TCI</li> </ul>	
<b>10</b>	<b>Environmental audit and survey</b>	<b>2</b>
	<ul style="list-style-type: none"> <li>- Environmental audits and enhanced monitoring programmes</li> <li>- Environment surveys</li> </ul>	

## 8 Consider the idea and plan action

### 8.1 Recycling on all islands

#### Proposal

##### **Recycling On All Islands**

- Waste management and recycling
- Advancement of concept of recycling for the island of Grand Turk
- Countrywide and island-wide recycling implementation

#### What are the benefits of this proposal?

##### **Minimise land use**

- Reduce the amount of solid waste to minimise the land use for solid waste
- Landfill sites would not be extended into good land in the future

##### **Protection from pollution**

- Will protect the environment from pollution

##### **Keep the TCI beautiful with benefit for tourism**

- Will keep the islands beautiful
- Will positively impact certain aspects of tourism

##### **Employment**

- It will provide employment

##### **In line with Green Economy program**

- It will support the whole Green Economy program

##### **Inspire ideas**

- It will help in creating initiatives and ideas and innovation

##### **Raise awareness and change mentality**

- Will help reverse the existing trend of littering
- It will make us more environmentally aware, conscious and resourceful
- Create a healthier mentality in people

#### What needs to be solved to implement it?

##### **Assess current recycling**

- We need to know what exists now on all islands with regards to recycling

##### **Cost**

- Know what would the cost be to implement recycling on all islands

##### **Certain products banned?**

- What products can be banned from imports to reduce the stress on recycling

##### **Education and outreach**

- Educating the society

## How can that be solved?

### Expansion of TCI Waste

- TCI Waste can expand its operations into other islands
- TCI Waste needs to be able to cover all of Providenciales

### Exportation of certain waste?

- Find out what can be recycled and look into exporting certain wastes

### Generate revenue through recycling?

- Can we create a value to recycle?
  - Deposit on bottles, bags, etc

### Reduce, reuse, recycle

- Push to follow the process of: Reduce, Re-use, Recycle

### Government support needed

- Government needs to buy into philosophy

## What are the links with other ideas and projects?

- Sustainable environment projects and developments
- Education initiatives to help people become more aware

## Who should we involve to make real progress?

- All waste management companies
- Environmental Health Department
- Media companies and other outlets
- Cabinet (needs to buy-in)
- Supermarkets
- Hotel Association
- Every household
- Beer companies

## What are the steps and action needed to move this forward? (Short, medium and long term?) Who here can commit to which actions?

What	When	Who
<b>Short Term</b>		
Contact the Premier/Wesley		Philip Shearer
Small working group to build the energy up for recycling: contact all waste management organisations; need to engage TCI Waste; get more local people on board and support from a larger group		Candianne Williams, Benneth Williams (lead), Philip Shearer, Ric Graham
<b>Medium Term</b>		
Speak to PS Environment: feasibility study on staff, machinery, location, etc to actually support recycling; make proposal to Cabinet (private member's proposal); develop legislation and policies to add recycling issues – ban on plastic		Shayonne Gardiner
Creating a program on <u>WIV</u> about products that can be banned (phased-out): identify products that can be reduced or banned	Will put the seed by weekend and have discussions next week (17-21 November 2014)	Phillip Shearer
Create a cartoon that will display the process of recycling	Starting next week (17-21 November 2014)	Benneth Williams

## 8.2 Sustainable Energy

### Proposal

#### **Shift To Sustainable Energy**

- A real and genuine move towards sustainable energy

#### **Building Code to Include Energy Efficiency**

- Mandate change in current building code to include energy efficiency from design, mechanised/electrical systems/technologies

#### **Funding For People To Swap To Energy-Efficient Technologies**

- Funding to support initiatives to aid consumers in swapping out less efficient technologies (e.g. incandescent bulbs, water heating, etc) for more energy-efficient technologies

### What are the benefits of this proposal?

#### **Review of legislation/contract**

- Review existing contract
- Legislative assistance to re-draft and renegotiate

#### **Local/regional assistance**

- Localised assistance and best practices - Using regional knowledge

#### **Expansion to all islands**

- Islands could become fully off-grid

#### **Cost savings**

- Encourage investment due to lower electrical bill

#### **Supports ecotourism**

- Supports ecotourism

#### **Reduce carbon footprint**

- Helps TCI/world reduce carbon footprint

### What needs to be solved to implement it?

- A broken monopoly or an agreement with Fortis
- Net metering
- Standard rate of price
- Trained and qualified electricians for installation
- 'Test' wind generation for planning purposes

### How can that be solved?

#### **Contract**

- Negotiation on terms of contract

#### **Support from all**

- Public support
- Public advocates/grass roots organisations

#### **Co-generation**

- Cogeneration
- Capping waste energy or energy lost

#### **Flagship projects and islands**

- Flagship project to bring awareness and to show in operation with benefits
- Demo/flagship island
- Work with Parrot Cay and the private islands

#### **Data collection**

- We need to collect data to present
- Find right means of sustainable energy for TCI

#### **Capping waste energy**

### What are the links with other ideas and projects?

- Draft Energy Bill
- MOU currently in place with 'Carbon War Room'
- If linking with OTEC can also help generate by-products, such as water and gasses
- SIDS (Small Islands Developing States) network
- Link to new investments

### Who should we involve to make real progress?

- Energy Commissioner (i.e. government)
- Fortis and any other alternative
- Citizens

### What are the steps and action needed to move this forward? (Short, medium and long term?) Who here can commit to which actions?

What	When	Who
<b>Short Term</b>		
Governor's support and voice/face	Start immediately	Goldray Ewing
<b>Medium Term</b>		
Town Hall meetings for public awareness	Following draft Policy approval	Rebecca Astwood will coordinate with Sparkle D Prentice
Develop a value proposition	Following draft Policy approval	
Talk shows on radios	Following draft Policy approval	Goldray Ewing
<b>Long Term</b>		
Support Chemas Day		
Support Energy Commission		
Support and coordinate year-round education		
Produce something for public to support current action		

## 8.3 NGO and Government Working Together

### Proposal

- Government and government working together?
- Government and NGOs working together on more environmental issues
- Synergy among NGO, government etc

### What are the benefits of this proposal?

#### Better decisions

- Better outcome
- More informed decisions
- More intellectual input
- More objectivity

#### Create synergy and support

- Create synergy
- Lessen chance of rejection and objection

#### More resources

- More resources - Shared finances and Human resources

#### Not just political

- Not solely political

#### Political buy-in

- Easier for political buy-in - Easier for government to adopt because of work with

NGOs

**Stakeholder buy-in**

- Stakeholder buy-in - If more than one NGO - Should also be other organisations

**Shared responsibilities**

- Shared responsibilities

**What needs to be solved to implement it?**

**Transparency**

- NGOs need to be transparent
- Government needs to be transparent

**Consistency**

- Lack of consistency and continuity, i.e. same representation at meetings

**Policy**

- General policy/MOU about relationship between groups

**Taking action**

- Lots of roundtable discussions
- Lack of clear action plans Need to follow up with ideas and projects
- Need timeline about projects

**How can that be solved?**

**Accountability**

- Meetings need to be well chained with follow through and accountability

**Clear objectives**

- Often NGO objectives unclear – need objectives well defined and clear to public and who they represent is clear
- Without that end up overlapping projects
- Government and NGO need common goals about projects (can be disconnected with leadership)

**NGOs**

- Local and regional NGOs and stakeholders
- NGOs:
  - TCRF
  - Red Cross/Adventist Church – disaster management
  - TCSPCA
  - National Trust
  - National Museum

**Communication**

- Lack of communication: both work in silence
- Lack of trust
- Negative feelings between government and NGO
- More ongoing discussions
- Build trust
- Open dialogue

**Mandatory participation**

- Mandatory participation

**What are the links with other ideas and projects?**

**Plan/strategy/vision**

- National strategy and vision, development plan
- Tourism strategy
- Human development plan

**Policy**

- Fiscal policy

**Objectives**

- Less confrontation in terms of objectives

**Training and education**

- Training in water sports industry
- School system
- Further education (college)

**Social development**

- Social development - Collaboration on basic needs/welfare in project

**Who should we involve to make real progress?**

- Key people in specific departments to liaise
- Key contacts in NGOs
- Build trust amongst everyone
- Who do you go to to start an NGO?
  - Financial services
  - For information on how to develop NGO
- Clear understanding of legislation and liabilities (both government and NGO) and repercussions

**What are the steps and action needed to move this forward? (Short, medium and long term?) Who here can commit to which actions?**

What	When	Who
<b>Short Term</b>		
New maritime NGO open dialogue with DEMA and police	Now!	Mark Parrish, DEMA, Police
Include information about this session in report on attendance	Short-term	Amin McCartney, Mike Clerveaux, Gavin Thomas, Rikardia Pardo
<b>Medium Term</b>		
National Trust highlight projects and open dialogue with Department of Planning	Less than 6 months	National Trust Council
Planning help identify future developers that can assist National Trust	Medium-term	Planning
<b>Long Term</b>		
Open a dialogue about departments and NGOs working	Ongoing	All departments and all NGOs
Training and skill-building for government to deal with NGO	Ongoing	Government HR

**8.4 Funds for DEMA/Reinstate the Conservation Fund Proposal**

**Reinstate the Conservation Fund**

- Reinstatement of the Conservation Fund
- Reinstate the Conservation Fund

**Leverage resources for DEMA**

- Empower DEMA with resources, manpower and will to enforce environmental and fisheries management regulations
- Sufficient budgetary, capital and human resources allocated to addressing environmental monitoring and conservation
- Leverage new revenue source (12% tax on water sports) to funding for DEMA and environmental protection

**What are the benefits of this proposal?**

**Positive Publicity for TCI**

- Force TCI to put its money where its mouth is
- Will allow government to publicize/market/boast to visitors that they are helping to take care of the environment they have chosen to visit.

- Gives visitor right to comment on experience/complain
- Will help reinforce “Beautiful by Nature” brand

**Initiatives properly funded**

- Conservation initiatives properly funded
- Necessary resources made available

**Funds for new project and variety of groups**

- People will have somewhere to go for funding
- Funds can go to community groups, as well as local business conservation projects

**Protected areas maintained independently of government**

- Maintenance for protected areas will have funds
- Will allow maintenance to go forward independent of government support

**Dedicated funds for conservation**

- Will make available funds (\$1million per year) at no cost to government
- Funds earmarked for conservation

**Environmental Education**

- Environmental education will have source of funding to promote care at protected areas and conservation in general

**Funding for Research**

- Research (critical) can be funded

**Funds for environmental emergencies**

- Environmental emergencies could be dealt with quickly (eventually)

**What needs to be solved to implement it?**

- Legislation framework needs to be established
- Need to establish independent fund that is untouchable (example: British Virgin Islands)
- Political will leading to Cabinet endorsement, passage through to House of Assembly

**How can that be solved?**

- Premier needs to write letter to the Caribbean Challenge Initiative
- National Park fees go to fund
- Cabinet paper needs to be drafted through Ministry of Environment that would advocate
- For establishment of independent fund/committee or oversight board - Guidance or criteria on how to access funds

**What are the links with other ideas and projects?**

- Matching fund opportunity
- Establishment of current project to develop SME (Small Micro Enterprise)
- Links to NGOs, e.g. TCSPCA, National Trust, TCRF

**Who should we involve to make real progress?**

- Decision-makers
  - Grassroots demand
- Stakeholder demand, e.g. water sports operators
- All-island petition for support
- Executive director of NGO
- Needs to come from public
- Media pressure
- This group

**What are the steps and action needed to move this forward? (Short, medium and long term?) Who here can commit to which actions?**

What	When	Who
<b>Short Term</b>		
Public press release	Immediately	Kathleen Wood
Public feedback: media direct to Facebook/online, finding support, involve public	After press release	National Trust, Blue Water Divers, NGO
Organise action group to see who cares – meet to decide how to put pressure on government		Chamber of Commerce, Hotel and Tourism Association, concerned action groups for each island
Get Premier to sign letter to initiate Caribbean Challenge Initiative process	1 month	Rebecca Astwood
<b>Medium Term</b>		
PS of Department of Environment to make presentation for PS Board meeting to sensitise for support (Attorney General, Ministry of Finance, Governor's office)	Next quarter – start January (Financial Year Jan-March)	PS of Environment
Engage opposition to put pressure on government	Within 2 months	National Trust, NGO and action group
Secretariat of Caribbean Challenge Initiative will walk through process, e.g. legislation	6-8 months	Ministry of Environment, DEMA, National Trust
<b>Long Term</b>		
Continue public pressure for follow-through – need to involve Attorney General's Chambers and Ministry of Finance	Ongoing	All interest groups

## 8.5 Environmental Education and Awareness

### Proposal

#### Education and Awareness

- Educate residents and visitors regarding sustainable environmental practices
- Increased education and awareness
- Involvement of all in educating locals and tourists on the do's and don'ts of keeping (getting) TCI green

#### What are the benefits of this proposal?

##### Get everyone involved

- Get everybody/more people involved
- Motivate island to join the campaign
- Education and involvement gets others involved

##### Enhanced sense of personal responsibility and changed behaviour

- If you know better you do better
- Helps people take a more 'micro' approach: "What can I do?" rather than pass on responsibility
- Puts duty on the individual: that's where it starts
- Education motivates people and gives them ownership about idea
- If people are aware of the benefits of environmentally-friendly concepts they will be more open to doing it
- Educating people changes behaviour

##### Combination of expertise and general knowledge

- Results in getting expertise and ideas and common knowledge
- Education creates knowledge about good practices

##### Help with law enforcement

- Education would help enforce laws and regulations

**Set example**

- See it clean: visitors will be aware it's how we want it
- Global perspective
  - People will take lessons away with them

**Tourism - Good publicity**

- Educate "Beautiful by Nature" obligation to do
- Trash and visitors - Educate to take better care - More people will come = More money
- Visitors like environmentally-friendly concepts
- Good marketing: being green

**What needs to be solved to implement it?**

**Education and community involvement**

- Begins in classroom and homes
- Starts with kids
- Should be mandatory
- Schools should be part of clean-ups
- Pick out people who need to hear it

**Waste management**

- Trash bins to enable people
- Need solution for waste problem

**Enforcement**

- Penalties and enforcement

**How can that be solved?**

**Partnerships**

- Private sector involvement in marketing - channel for education
- Private sector and government partnerships
- MOUs

**Community involvement**

- Community groups involved

**Educate tourists**

- Educate tourists as they arrive
- Signage:
  - On beach
  - All islands

**Raise understanding and awareness amongst residence**

- Competitions
  - Schools
  - Incentives
- Sitting and talking to people
  - Building confidence
  - Door-to-door interaction
- Addressing people on their level
- Cross-cultural campaign
  - Bi-lingual
  - Different cultures attitude towards environment
- Making recommendations and educating about why
- Tell people what needs to be done

**Use media**

- National media campaign
- Social media

**Funding**

- Funding

## What are the links with other ideas and projects?

- Need for more effective management
- Trash collection
- More manpower
- Environmental health
- Educating about good behaviour
- Coordination between various departments
- Proper planning and policy
- Link people who are first contact to tourists (interaction)

## Who should we involve to make real progress?

### **Government**

- Government departments
- Cabinet
- House of Assembly
- Police
- DEMA

### **NGO**

- NGOs

### **Community**

- Church groups
- Schools
- Social club

### **Tourism**

- Hotel Association
- Tour operators
  - Land and sea
- Tourists
- Tourist Board
- Restaurants
- Dive operators

### **Business**

- Private businesses
- Clients

### **Media**

- Media

### **Taxi**

- Taxi Association

### **Airport**

- Airport Authority
- Airlines

### **Fishers**

- Fishermen
- Local fishermen

### **Construction**

- Construction companies
- Plant operators

### **Health providers**

- Hospital (important because can tell link between health education and environment)

## Methods

### **Courses and Forum**

- Course re: environment for dive operators
- Course re: environment with business licence

- Forum where all businesses can be more environmentally aware
- Taxi driver course expanded to include environmental issues

**Meetings in every community**

- Town Hall meetings in all communities

**Media**

- National media campaign
- Social media

**Signage**

- Educating at landing sites
- Signage

**Incentives**

- Incentive schemes

**Education policy**

- Comprehensive educational environmental policy

**Lead group**

- Identify organisation or group to spearhead

**What are the steps and action needed to move this forward? (Short, medium and long term?) Who here can commit to which actions?**

What	When	Who
<b>Short Term</b>		
Define a leader to coordinate do's and don'ts	1 week	DEMA
<b>Medium Term</b>		
Determine what we are going to educate		
Do's and don'ts brochure for tourists		
Funding		
Get information out		
<b>Long Term</b>		

**8.6 Plans (strategic and physical )**

**Proposal**

**Strategic/National Development Plan**

- Creation of strategic plans
- Revised development plan (national development plan)
- There needs to be a proper infrastructure plan in place
- Physical development plan 2014-2025

**Environmentally Sustainable Development**

- Focus on long-term environmentally-sustainable development to maintain the low density, low impact positioning of the country (includes ecotourism/lodges on Middle, East, etc)

**What are the benefits of this proposal?**

**Clear vision and shared sense of direction**

- You have a clear vision of how you'd like the country to grow
- Have agreed goals and objectives among all stakeholders

**Clear structure an road map**

- Proper structure for development of country
- It's the country's roadmap
- Can deal with awareness, education, funds, sustainable principles

**Provides context for island and sector plans**

- Each island can have its own vision falling under national vision/strategy

- Sector plans will inform national vision
- Proper vision for tourism sector

**Can embrace all other concerns**

- At this level you can solve all other concerns and prevent problems (mitigate)
- Out of this will come plans and policies for other issues

**Create sense of certainty**

- National plans will be binding

**Guides resource allocation**

- Can talk about resource allocation
- Can talk about human and physical resources towards obtaining objective

**Promotes collaboration and participation**

- Promotes multi-agency collaboration
- Can involve public and private participation

**What needs to be solved to implement it?**

**Timeline/plan**

- Establishment of timeline

**Funding**

- Mandates and funding

**Enforcement**

- People to implement regulations

**Revision of plans**

- Testing and revisions of plans to address weaknesses

**Participation**

- Buy-in from all departments of all government levels
- Will need political will
- Must need local/grassroots input
- Broad-sector awareness from community to government level

**How can that be solved?**

**Grass roots influence and participation**

- Need grassroots to put pressure on politicians
- Public consultation

**Communication**

- Informing top level government officials about the national vision strategy
- Better communication between different agencies and organisations

**What are the links with other ideas and projects?**

**Informs all other plans and strategies**

- This informs all other policies, strategies and budgeting
- Prevents duplications of infrastructure, plans, projects

**Creates timeframes and limits**

- Gives a timeframe/time-limit for policies, objectives, programs, goals

**Creates certainty even if politicians change**

- Plans can proceed after politicians leave office

**Guidance for investors**

- A guide for investors and businesses

**Fosters sustainable decisions**

- Ensures sustainable and steady growth of country
- Prevents everything from being a matter of time and money

**Who should we involve to make real progress?**

- Premier needs to be involved
- Parliament and Cabinet

- Lobbyists
- NGOs
- Communities and government agencies
- Special interest groups (e.g. dive companies, environmentalists, etc)
- National and international support

**What are the steps and action needed to move this forward? (Short, medium and long term?) Who here can commit to which actions?**

What	When	Who
<b>Short Term</b>		
Reporting of the outcomes from the Green Economy Project and this session	End of January?	Dialogue Matters
Raising the issue up in Parliament	2 weeks after the report is received	Goldray Ewing
Cross-Ministry assessment of what has been done and what is being done (plans)	December 2014	Ministry of Finance, Ministry of Environment and Home Affairs*, Clyde Robinson, Mike Clerveaux*, Amin McCartney
Clarity of titles and purposes of plans and their legal status	ASAP	Director of Planning and Mike Clerveaux and Clyde Robinson
Collection and collation of data for proposal (demographics, trends, spatial, hazards)	Ongoing (updated and revised periodically)	Mike Clerveaux
Bringing together existing ecological survey and literature review of all documents to inform the plan	One month	DEMA
Create new hazard maps	Ongoing	Hazard Mitigation Officer Rikardia Pardo
<b>Medium Term</b>		
Proposing a comprehensive, sustainable plan (over-arching)	March 2015-August 2015 (6 month process)	Mike Clerveaux, Director of Planning, Physical Planning Board, Strategic Planning Policy Unit and DEMA
Consultation for proposed plan	March 2015-August 2015 (6 month process)	Clyde Robinson and heads of all government departments
Take proposal to Physical Planning Board to be approved	One month from August 2015	Director of Planning
Public consultation and awareness of the plans	Ongoing	Community Preparedness Manager in liaison with other ministries
Providing historical information	Ongoing	Clyde Robinson and other former staff
<b>Long Term</b>		

**8.7 Sustainable Behaviour for Use of TCI Environment**

**Proposal**

**Sustainable Behaviour for Use of TCI Environment**

- Sustainable use of the TCI environment by its residents for recreation and revenue

- Identify no-take zones in the TCI with independent environmental/conservation funds/resources

## What are the benefits of this proposal?

### **TCI becomes world leader in sustainability**

- Offers TCI possibility to become a regional/world leader in sustainable eco-consciousness

### **Protects the environment for the future**

- Protect the environment for future generations
- Helps to prevent erosion of beaches
- Maintains natural beauty of TCI

### **Support green brand and tourism**

- Supports green brand
- Sustain the tourism industry
- Keeps TCI competitive
- Charge at a premium

### **Fosters innovation and resourcefulness**

- Fosters innovation through sustainable use - entrepreneurial
- Provides the chance for regeneration of a weakening environment
- Innovation and new industry based on environmentally-friendly image

### **Culture of appreciation of environment**

- Develop a culture of appreciation for the natural environment
- Identity (positive) – sense of pride

### **Reduced living costs**

- Fosters resourcefulness - reduces cost
- Lower the cost of living

### **Wellbeing**

- Mental, spiritual and physical health for those who live in the environment

### **Fishery**

- Provide hope for the fisheries industry

### **Defers potentially destructive investors**

- Deterrent to environmentally-destructive investors (low-quality)

### **Reduced imports**

- Reduces the need to import
- Agriculture (self-sustaining) - Reduced environmental impact

### **Reduced risks**

- Reduces the risk of economic costs associated with loss of ecosystem services

### **Growth of economy**

- Linkages

## What needs to be solved to implement it?

### **Changes at the top**

- Country policy that incorporates all facets of life as to why environment is so important
- Revision of House of Assembly process
- Political will and education
- Get on top of corruption

### **Environmental inventory/assessment**

- Asset registry – environmental inventory
- Environmental audit
- Better understanding of what our resources are

### **Awareness and ownership**

- Consciousness - nobody can claim ignorance, our actions are done knowingly (in the information age)
- It is readily accessible and must be disseminated
- Everybody must take ownership

**Understanding of dependence on healthy environment**

- Understanding of what sustainability is
- Understanding of how important the ocean is
- Comprehensive education for environment

**Border protection**

- Borders need to be protected
  - From poachers
  - Illegal immigrants (converting bush to charcoal)
  - Squatting (illegal development)

**Enforcement**

- Enforcement of environmental regulations

**Overfishing**

- Over-fishing needs to be solved

**How can that be solved?**

**Fisheries management**

- No export of any fishery products
- Country makes no money from exporting fish. Most Provo fishermen are not local
- Closed commercial fishing for some species
- Dedicated no-take zones that are protected

**Protect protected areas**

- Areas that are already designated must be reinforced (through public consultation) and then properly protected

**Enforcement**

- Proper punishment for law breakers
- People should be afraid of breaking laws
- Boundaries of protected areas must be agreed, then enforced
- No tolerance (zero) on squatting, charcoal burning
- Improved border control

**Education and training**

- Educate people as to where park boundaries are
- Public awareness about the destructiveness of charcoal
- Training for fishermen on proper sustainable practices

**Incentives for sustainable practices**

- Financial incentives for low-impact activities
- No financial incentives for unsustainable practices

**Public consultation**

- Elected officials should come into public forums to discuss concerns of the environment
- More debates

**Capacity building**

- Obligate all public officials to attend a retreat which will encompass enlightenment on sustainable and environmental principles

**One-car policy**

- One-car policy (e.g. Bermuda)

**Funding**

- Funding

**What are the links with other ideas and projects?**

**Collaboration**

- Government and NGOs can be more effective working together. Government needs to accept help
- Links to FCO for National Security, // and border control DFID/EU/Darwin groups
- Other international NGOs for environmental protection

**Public awareness campaigns**

- Public awareness campaigns relating to environmental etiquette

**Link to all other issues/plans/sectors**

- Link to planning development (e.g. how high can you build)
- Link with environment to waste management: hydrocarbon waste, solid waste, human waste etc
- All waste products link to environment
- Waste management
- Link to education
- Link to energy policy. Energy use not sustainable

**Population control**

- Population control

**Public reports**

- Mandate politicians/government to publicly report on sustainable policy of development
  - Links to all relevant information available

**Who should we involve to make real progress?**

**Government**

- Premier's office
- DEMA
- Donna Gardiner – DC of North Caicos
- Minister of Environment
- Customs, Immigration Department
- Kenrick Neely – Environmental Health
- Department of Agriculture
- PS should oversee all - need to build their capacity/power

**NGO**

- NGOs
- Regional NGOs (especially Bahamas)

**Community**

- Church leaders
- Everybody
- Schools
- TCI youth
- People with money
- Grassroots
  - Must go from bottom up
- Stakeholders

**Tourism**

- Tourists
- Hoteliers
- All commercial tourism operators who can educate a lot of people
- Carnival (Grand Turk Cruise Center)
- Beaches
- All parties attending trade shows booth must have a mandate to promote sustainable tourism

**Business**

- Commercial operators

**Fishers**

- Fisheries co-op

**Others**

- We need a benevolent dictator
- Need lobbyists

**What are the steps and action needed to move this forward? (Short, medium and long term?) Who here can commit to which actions?**

What	When	Who
<b>Short Term</b>		
Seek government support/MOU for action points (Is this really necessary?)	ASAP (within 2 months)	Non-existent water sports association, DEMA, Tourist Board, Hotel and Tourism Association (TCHTA)
Database of stakeholders (expertise, contact details, identify who wants to be involved)	Current, existing, just needs to be compiled	People in the room use them to solicit the support you need
Meeting/online survey	Current and near-future, next few days	Henry Wilson, Rebecca Astwood, Michelle Gardiner, Mark Parrish
Set goals and priorities		
Form a new NGO		
<b>Medium Term</b>		
Identify things that can be done without costs. Assess costs of the project and secure funding		Dialogue Matters*
Asset registry, environmental inventory, accounting of resources		
Database of existing information		Kathleen Wood
<b>Long Term</b>		
Legislation review		Rebecca Astwood
Construct an environmental timeline: past-present-future		
Public awareness and education campaign		

\* Note: Regrettably our contract ends in January 2014 with the submission of our project report.

## 9 Maintaining Momentum

### 9.1 Stakeholder participation and community involvement to influence key decisions.

#### What would the benefits be?

**Sense of ownership**

- Sense of ownership from wider stakeholder group
- Community empowerment
- Stakeholder buy-in

**Greater awareness**

- Brings a level of heightened awareness
- AIDA (Awareness, Interest, Desire, Action)

**Community Volunteers**

- Identify public skill level and community experts Community volunteers

**Concerned citizens report problems**

- Users police resource
  - Community feels a part of/has ownership and will report offences/wrong doings

**Community resilience**

- Building community resilience though shared goals and consensus building

**Broader and better decisions**

- Identify the human element of sustainability, as well as the socio-economic factors of sustainability
- Informed outcomes and decision-making
- Consistency within policy

**Mandatory engagement**

- Public engagement can be legally binding through legislation and not discretionary

**Education**

- Educational benefits

**National branding and identity**

- National branding
- National identity
- Creating a TCI identity or develop an identity further

**Transparency/openness/consultation**

- Fairness and transparency
- Public consultation can influence tourism development and large projects

**New legislation**

- New legislation to recognise new NGOs

**What would need to be solved for this to happen?**

- Strong interest groups
- Public meetings
- Diversify public consultation
- Identify key community contact persons
- Prioritise socio-economic initiatives via outreach programmes that will inform and enable opportunities to take action that influences the outcome

**What are the steps and action needed to move this forward? ( short, medium and long term?)**

What	When	Who
<b>Short Term</b>		
Establish community citizens' group for each island and community	January 2015	Amin McCartney and MEHA
Notification for public consultation: formal/informal	February 2015	Rebecca Astwood
<b>Medium Term</b>		
Key community citizens should have regular communication with Green Economy Working Group	Ongoing	Community Activist Representative
Prioritize socio-economic initiatives	March 2015	Amin McCartney and MEHA
<b>Long Term</b>		

**Fast feedback points**

**Major Legislation**

- Continuous assessment and consultations regarding major legislative issues and proposed changes as to incorporate the views of the people

**Include Most Vulnerable In Greening**

- Inclusion of the most vulnerable people in the dialogue on the greening process

**National Issues**

- Under a national agenda discuss and suggest solutions for national issues that are affecting the country

**Tourism Development**

- Tourism developments within the protected areas which involve local communities

**Large Projects**

- Public consultation and debate on projects having large environmental impact, leading to shared information and education/raised awareness

## 9.2 Embedding and establishing a green blue economy/sustainability ethos in government and across sectors.

This group proposed the question should be establishing a 'blue' economy to reflect the importance of the marine environment, and that the name of the initiative should be changed as a result.

However when this idea was fed back to the wider group some thought that the phrase 'Green Economy' has a UN definition and is part of an international agenda so would be easier to communicate to others from their sector.

### What would needs happen to look after the marine environment?

#### **Green, Blue or Green Blue Economy**

- Discussions biased towards the land, even 'green economy' implies 'land'; 'blue economy' representing water
- Everyone here works on land

#### **It is taken for granted**

- People need to think about marine environment
- Take marine life for granted

#### **Foundation of the economy**

- Marine health is the cornerstone of economy
- History/present/future built on marine environment

#### **It is affected by every decision**

- Adversely affecting marine environment in every decision
- Marine is single most important, in any facet
- Needs to be considered in every decision
- If everything else stops, 75% of country in water, not sustainable

#### **Need greater understanding**

- understanding the whole marine ecosystem, how it all works?
- Need to understand vocabulary of marine ecosystem
- Needs to be solved

#### **Risks**

- Ocean levels rising
- Hotels need to take ocean into account
  - Landscaping
  - Fertilisers
  - Invasive species
  - Human waste
- Go into ocean, lead to e.g. algae blooms
- Better understanding of what is being put on the plants/gardening processes and landscaping companies
- Need to manage pesticides and fertilisers
- Pollution of ocean – nitrification
- Impact from land goes to marine life

#### **What matters to tourists?**

- Need to look at why tourists come here
- Grace Bay (not the hotel, it is the beaches) – the reason people come e.g. to experience water sports
- Come for hotel, water and beach is important to tourist

### What would need to be solved for this to happen?

#### **Need for whole system understanding**

- understanding the whole marine ecosystem, how it all works?

#### **Ways to reach local communities**

- This country is ready for television program, not in books
- People watch television and get information

- Radio or documentary
- Country is afraid of debate

**What are the steps and action needed to move this forward? (short, medium and long term?)**

What	When	Who
<b>Short Term</b>		
Information, education and awareness: television documentary, media (information out there), radio		Blue Economy Group (Mark Parrish, Chuck Hess, Rick Graham and Philip Shearer)
Understanding tourist perceptions of marine environment		The above group agrees to be a sub-group of the whole to lead and follow up on these identified action areas
New NGO (need resources)		
Enhance understanding of marine ecosystem vocabulary		
<b>Medium Term</b>		
Government: Department of Agriculture (fertilisers, disposal of gas, waste) need legislation/procedure to deal with these factors		
Understanding of effects/impacts of land practices (fertilisers, run-off) – need education and awareness		
<b>Long Term</b>		
Sustainability of conch and all fisheries: stricter quotas; export is the problem; local use only/tourist experience		Proposed new NGO
Procedures and policies to enhance marine environment		

**Fast feedback points**

**Government to recognise the importance of marine health**

- The government to recognise the importance of preservation and protection of the marine resources
- The government to recognise the importance of the preservation of marine resources

**Present results of Green Economy Project to: Cabinet; House of Assembly; Public**

- I would like to see the results presented to Cabinet, the House of Assembly and the general public i.e. full disclosure
- Yes. Whole group agree this has to happen but responsibility of DEMA/Working Group

**9.3 New environmental professional and independent NGO.**

**What would the benefits be?**

**Priority focus on the environment**

- Focus on this alone
- A clear mandate

**Increase public awareness**

- Heighten public awareness

**Influence policy**

- Help to inform policy discussions

**Watchdog**

- Helps identify needs and problems
- Watchdog for the environment

**Expertise and research**

- Have the benefit of expertise - a good resource
- Research

**Independence**

- Independent

**Co-ordination and connections**

- Coordination
  - Currently everything is very scattered
  - Relies on people passing thing on to others
- Cultivate the connections
- Be a central point communication

**Centre for information**

- Be a central point of information
- Central point for incoming information

**Raise funds for environmental actions**

- Fund raising

**What are the disadvantages and challenges ?**

**Finding funding**

- Finding funding (e.g. TCRF have this challenge)
- It's been tried here, e.g. with the Conservation Fund not going to DEMA

**Finding committed professionals**

- Professional job
- Finding human resources
  - Committed people

**Apathy**

- Is it necessary for official commitment, e.g. the NGO could encounter apathy
- e.g. Bonaire: their national parks are managed by an NGO funded by mandatory park fees

**Recognition**

- Would need to recognise the NGO as a spokesperson

**Finding a niche**

- Finding its own niche
  - There are currently various organisations doing similar things

**Lack of awareness**

- Dealing with a community that is not environmentally aware and so will need to break through that

**What could be its main responsibilities?**

**Champion the environment with government**

- Advocate for the environment with government

**Comment on proposals**

- Environmental input on development plans and proposals

**Co-ordinate and synergise environmental education**

- Spearhead public education and public debates
- Currently massive duplication and overlap: this NGO could reduce and coordinate

**Manage protected areas**

- Managing national parks?
  - ? How does this work with DEMA?

**Wardening/reporting function**

- Investigate and report to necessary regulators, e.g. alert regulators about people burning charcoal; help with observing breaches and alert DEMA
- Incoming ear for e.g. detrimental environmental misdemeanours

**Youth arm**

- Develop a youth arm

**Raise awareness**

- Radio, television, media
  - Raise public awareness

**Alternative Energy**

- Champion alternative energy

**Who else do we need to bring into this discussion?**

**Groups already active about the environment**

- TCRF (only active NGO across TCI)
- Carbon group (ref Seamus Day) Island 11
- National Trust (who are doing do's and don'ts, and other initiatives)
- Volunteer groups (RATs)

**Government/officials**

- Governor
- Minister of Health and Environment, Energy

**Recreation and Tourism**

- Water sports company
- Hotels and Tourism Association
- Cruise centre (Grand Turk)

**Green companies**

- Recycling companies

**Who here wants to discuss this further? When and where do we meet? Who will organise it?**

Date of first meeting	Evening, 22 <sup>nd</sup> January 2015
Where	
When	6.30pm (after dark)
Co-ordinate first meeting	Don Stark
Offer use of SWA conference room	Kathleen McNary-Wood
Provide a back-up venue: South Dock	Ian Harrison
Help, but not spearhead	Jackie Walker
People who want to be involved	<ul style="list-style-type: none"> <li>- Candianne Williams</li> <li>- Roddy McLeod: <a href="mailto:a-mcleod@hotmail.com">a-mcleod@hotmail.com</a></li> <li>- Jackie Walker: <a href="mailto:jwalker@amanresorts.com">jwalker@amanresorts.com</a></li> <li>- Tina Randall: <a href="mailto:fina@pacificu.edu">fina@pacificu.edu</a></li> <li>- Don Stark: <a href="mailto:Donstark@tcreef.org">Donstark@tcreef.org</a></li> <li>- Chuck Hesse: <a href="mailto:hesechuck@gmail.com">hesechuck@gmail.com</a></li> <li>- Kathleen Wood: <a href="mailto:kw@swa.tc">kw@swa.tc</a></li> <li>- Luc Clerveaux: <a href="mailto:lclerveaux@gmail.com">lclerveaux@gmail.com</a></li> </ul>

**Fast feedback points**

**A New NGO**

- The positive action would be to see an NGO with an information website created to offer education to the public
- A centralised body to manage the preservation of the environment
- A centralised body to manage the overall preservation of the environment

## 9.4 New GE working group to review progress; function as a hub and connection point and maintain momentum.

### What could be its main responsibilities?

#### To build on the TCI Green Economy Project

- To oversee tasks (from this process)
- To mainstream environmental practices amongst all sectors
- See that the objectives of the report are met
- To ensure implementation of agreed actions

#### Inform environmental initiatives

- To inform environmental planning processes
- To plug into the Branson energy initiatives

#### Raise awareness

- Raise public awareness about the Green Economy
- Help educate

#### Liaison

- Liaise with NGOs
- Wider engagement and communication

### What would it be like?

- Professional stance
- Collaborative
- Be decisive
- To function impartially
- Practice what we preach

### Who here wants to discuss this further? When and where do we meet? Who will organise it?

Date of first meeting	Evening, 15 <sup>th</sup> January 2015	
Where	Provisionally at the Environment Centre or Ocean Club Conference Centre	
When	6.30pm (after dark)	
Organising first meeting	Kathleen McNary-Wood	
People who want to be involved	<ul style="list-style-type: none"> <li>- Benneth Williams</li> <li>- Clyde Robinson</li> <li>- Rikardia Pardo</li> <li>- Bradley Handfield</li> <li>- Ian Harrison</li> <li>- Philip Shearer</li> </ul>	<ul style="list-style-type: none"> <li>- Don Stark</li> <li>- Chuck Hess</li> <li>- Kathleen McNary-Wood</li> <li>- Goldray Ewing</li> <li>- Candianne Williams</li> </ul>

## 10 Commitment made during the workshop

Organisation	Name	During the workshop I committed to the following actions			Following the workshop other actions I will take are		Any additional points
		What	When	Comments	What	When	
Turks and Caicos National Museum	Candianne Williams	Participate in Green Economy Working Group	15 January 2015				
		Participate in new green NGO group	22 January 2015				
		Work on recycling with Benneth Williams					
Grace Bay Resorts	Ric Graham	Member "Blue Economy" group with Mark, Chuck, Phillip	TBD (on call as to when we meet)	Focus on TCI's dependence on the surrounding water			
		Volunteers for shared outcomes of Green Economy Workshop	On call				
Island Fresh Produce Ltd Door Direct	Ian Harrison	Join two committees	Jan 2015		Spread awareness of NGO	Now (first meeting Jan 15, 2015)	I need to introduce this concept to others who have the length of time on the islands to move this concept forwards
Turks & Caicos Reef Fund	Don Stark	Head up the first meeting of the new green NGO group	22 Jan 2015				
Disaster Management and Emergencies	Rikardia Pardo	Hazard mapping		There will be some difficulties achieving this task as much of the data required is not available at this time			

Organisation	Name	During the workshop I committed to the following actions			Following the workshop other actions I will take are		Any additional points
		What	When	Comments	What	When	
		Member of Green Economy Group					
Employment Services Department	Michelle Fulford-Gardiner	Personal volunteer time	On an 'as needed' basis	Background, experience 20 years in conservation, protected areas and biodiversity management			
		Partnership on building capacity in the areas of environmental management, science and conservation		Commissioner for Labour, some responsibility for national skills development, migrant labour, etc			
Office of Premier	Rebecca Astwood	10 Island Challenge – link with greening TCI project	Following the green project		Working group on training – marine safety	Ongoing – Side project with Labour, Ministry of Finance and Premier's Office	
		Assist with liaison with Premier's office, National Heritage & Trust Time	When needed	Need lead-up time to plan			
Ministry of Environment and Home Affairs	Amin McCartney	Establish community citizens group (initiate process)	Jan 2015		Work with the Ministry to ensure all initiatives progress	Ongoing	
		Prioritise socio-economic initiatives	March 2015				
Big Blue Unlimited/National Trust	Mark Parrish	Share information on environmental etiquette for public awareness campaign	Within one week	Key partners: Tourist Board and DEMA			
		Re-establish Turks & Caicos Rescue Association (TACRA) which will address marine safety and etiquette and training/experience for TCI youth	Within one week	Key partners: Premier's office, HR/Labour, Maritime police, DEMA, DDME			

Organisation	Name	During the workshop I committed to the following actions			Following the workshop other actions I will take are		Any additional points
		What	When	Comments	What	When	
Big Blue Unlimited		Support TCI Reef Fund: EQT, manpower, boats, education					
		Beach clean-ups: our own back yard and support other initiatives					
		Marine education: school field trips and lectures					
		Kids' camp: marine training (courses and appreciation)					
		Community/citizen science: sharks/grouper/birds					
Blue Water Divers	Vicky Dunster	Create a public forum to identify interested parties prepared to put pressure onto government to approve reinstatement of the Conservation Fund	After press release: 1-2 weeks?		Connect with Big Blue Unlimited to stay in touch with ongoing Green Economy initiatives	By mid-December 2014	
		Contact the Minister for Education to ask about legal requirements/possibilities for an environmental expert to talk in schools	Next week	This action was 'parked' due to lack of decision within group but I would like to look into it personally	Learn about the "10 Islands Challenge" and other initiatives within Caribbean (I need to be better informed about resources available to support our environmental efforts)	Jan 2015	
		Volunteer my time, knowledge and skills whenever I can	Ongoing				
Chuck Hesse		What ever I already put my name to do!		See record of workshop	Help post conference effort move forward		
		Attend the meeting of the NGO and the new Green Economy WG	Both days		Help advise the 'Blue Economy'	As needed See comments group (8.2)	Thank You All!!

## 11 Parking Place

- National Agenda
  - Environment
  - Education
  - Healthy <28>
- Making sure all boats are registered with proof of insurance
- Education and awareness
  - Approach Akiera (Minister for Education) to ask how we can get an expert into schools to speak about environmental matters. Permit? Permission?
  - Ask DEMA if they have a knowledgeable person that could give 30 minute lectures
- To make sure the connections are made between this work and the tourism strategy work
- Up for Green Economy group – momentum
- Agreements for Green Economy Working Group

## 12 Short term Actions following the workshop

What	Who	When
Type up all outputs	Dialogue Matters	2 weeks : 27 Nov
Sort and process outputs and finish record of event	Dialogue Matters	2 more weeks : 11 Dec
Send out to all	Dialogue Matters	As soon as finished Mid Dec
Draft Project Report	Dialogue Matters	Mid Jan
Take comments from POG	POG	Mid Jan
Final Report	Dialogue Matters	Early Feb
Greening Economy Group Meet	Kathleen Wood organise	15 Jan
New NGO to meet	Don Stark to organise	22 Jan
Information about initial meetings of new groups to help them establish effective ways of working together	Diana Pound /Dialogue Matters	Before the meetings
Certificates for the newly trained TCI small group facilitators	Dialogue Matters	Within a fortnight of return

## Annex 1 Agenda

### TCI Green Economy Project Workshop Agenda: Day 1

9.15	Registration and starting activities.						
	<b>Imagine it is 2030 and you are travelling around the Turks and Caicos delighted with what you see. What do you see?</b> Add your thoughts to those of others.						
9:45	<p><b>Welcome &amp; Prayer</b></p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"><b>Facilitators Introduction</b></td> <td style="width: 25%;">Diana Pound</td> <td style="width: 25%;">Dialogue Matters</td> </tr> <tr> <td><b>Presentation about the project</b></td> <td>Emma Whittlesea</td> <td>Dialogue Matters</td> </tr> </table>	<b>Facilitators Introduction</b>	Diana Pound	Dialogue Matters	<b>Presentation about the project</b>	Emma Whittlesea	Dialogue Matters
<b>Facilitators Introduction</b>	Diana Pound	Dialogue Matters					
<b>Presentation about the project</b>	Emma Whittlesea	Dialogue Matters					
10:15	<p><b>Building and Sharing Understanding</b> - visit each of the different topics and have your say:</p> <p><b>The TCI</b></p> <ul style="list-style-type: none"> <li>▪ What do you value now that you would like future generations to be able to see or do?</li> <li>▪ Imagine you are on that journey around the Turks and Caicos Islands, and you are delighted with what you see on each island: what do you see on: West Caicos, Provo, North Caicos, Middle Caicos, East Caicos, South Caicos, Grand Turk and Salt Cay, and the smaller cays</li> </ul> <p><b>Greening the economy of TCI</b></p> <ul style="list-style-type: none"> <li>▪ What benefits could greening the economy bring, to make it really worthwhile?</li> <li>▪ What will happen if we don't green the economy?</li> <li>▪ What benefits will working together on greening the economy bring?</li> </ul> <p><b>Systems, connections and links</b></p> <ul style="list-style-type: none"> <li>▪ What does the natural environment provide that residents and visitors benefit from?</li> <li>▪ What connections and links are there between different parts of the environment and human activity and wellbeing?</li> </ul> <p><b>Changes</b></p> <ul style="list-style-type: none"> <li>▪ What trends and changes are taking place that need to be taken into account? What is your observation based on?</li> <li>▪ In years to come, will the TCI be able to sustain the level and types of use that occur now? If not why not and what needs managing?</li> </ul> <p><b>Resources for change</b></p> <ul style="list-style-type: none"> <li>▪ What assets and resources* might you/your organisation be able to harness for shared initiatives and shared outcomes? (* Assets and resources include: time, effort, energy, information, know-how, innovations, skills, funds, staff, volunteers, initiatives, places, networks.)</li> </ul>						
11:10	<b>Tea and coffee break</b>						
11:30	<p><b>Looking after the natural environment and natural resources</b></p> <p>Choose one of the following:</p> <ol style="list-style-type: none"> <li>1. <b>Coastal and marine ecosystem health (beaches, creek, mangrove, sea grass and reef - whole system)</b></li> <li>2. <b>Sustainable fisheries</b></li> <li>3. <b>Land and wetland habitats</b></li> <li>4. <b>Water management (fresh, brackish, and marine)</b></li> <li>5. <b>Waste management</b></li> <li>6. <b>Sustainable energy</b></li> </ol> <p>Then discuss:</p> <ul style="list-style-type: none"> <li>▪ What is already being done and working well? (By government, business, NGO, communities, or citizens).</li> <li>▪ How could that be strengthened and enhanced further?</li> <li>▪ What else needs to happen?</li> <li>▪ Review list from the previous engagement and add additional ideas.</li> </ul> <p>Fast feedback</p>						
1:00	<b>Lunch</b>						

**1:00 Lunch**

**2:00 Mainstreaming the environment into strategic decisions and thinking**

Choose one of the following:

1. **Funds, capacity, knowledge and skills to manage the environment better (for NGO and Government)**
2. **TCI strategic and island specific sustainable development and spatial planning**
3. **Strengthening the development approval process**
4. **Environmental plan and audit**
5. **Greening Tourism further - and influencing current Tourism Strategy**
6. **Enhancing environmental understanding and education at all levels**
7. **Robust environmental and planning laws, implementation, enforcement in an equitable and fair way**

Then discuss:

- What is already being done and working well? (By government, business, NGO, communities, or citizens).
- How could that be strengthened and enhanced further?
- What else needs to happen?
- Review list from the previous engagement and add any additional ideas.
- How could work on this be resourced and moved forwards?

Fast feedback

**3.30 Tea and coffee**

**3:50 Wish List**

- Out of everything that has been discussed what ideas for positive action would you most like to see happen?

**Resources for change**

- What assets and resources\* might you/your organisation be able to harness for shared initiatives and shared outcomes?

(\* Assets and resources include: time, effort, energy, information, know-how, innovations, skills, funds, staff, volunteers, initiatives, places, networks.)

If wish list ready:

- Which ideas do you want to prioritise for in depth discussion and action planning? (if not this will be done first thing on Day 2)

**Wrap up today**

**Finish No later than 5:15**

## Day 2

9.15	Registration and starting activities.
9:30	<p><b>Welcome Back and Prayer</b></p> <p><b>Facilitators Introduction</b> Diana Pound Dialogue Matters</p> <p><b>Feedback the wish list and identify priority topics</b></p> <p>Select Group</p> <p><b>Round 1 Priority Topics: consider the idea and plan action</b></p> <ol style="list-style-type: none"> <li>1. What are the benefits of this proposal?</li> <li>2. What needs to be solved to implement it?</li> <li>3. How can that be solved?</li> <li>4. What are the links with other ideas and projects?</li> <li>5. Who should we involve to make real progress?</li> <li>6. What are the steps and action needed to move this forward? (Short, medium and long term?)</li> <li>7. Who here can commit to which actions?</li> </ol>
11:30	<b>Tea and coffee break and sign up interest in other actions</b>
11:50	<p><b>Round 2 Priority Topics: consider the idea and plan action</b></p> <p>Process as for Round 1</p>
1:00	<b>Lunch and sign up interest in other actions</b>
2:00	<p><b>Maintaining Momentum</b></p> <p><b>New GE working group to review progress, function as a hub and connection point, and maintain momentum.</b></p> <ol style="list-style-type: none"> <li>1. What could be its main responsibilities?</li> <li>2. Who else do we need to bring into this discussion?</li> <li>3. Who here wants to discuss this further? When and where do we meet? Who will organise it?</li> </ol> <p>Choose one of the following:</p> <ol style="list-style-type: none"> <li>1. <b>Stakeholder participation and community involvement to influence key decisions.</b></li> <li>2. <b>Embedding and establishing a green economy/sustainability ethos in government and across sectors.</b></li> <li>3. <b>New environmental professional and independent NGO.</b></li> </ol> <p>Topic 1 :</p> <ol style="list-style-type: none"> <li>4. What would the benefits be?</li> <li>5. What are the disadvantages?</li> <li>6. What could be its main responsibilities?</li> <li>7. Who else do we need to bring into this discussion?</li> <li>8. Who here wants to discuss this further? When and where do we meet? Who will organise it?</li> </ol> <p>Topics 2 and 3 discuss:</p> <ol style="list-style-type: none"> <li>1. What would the benefits be?</li> <li>2. What would need to be solved for this to happen?</li> <li>3. What are the steps and action needed to move this forward? ( short, medium and long term?)</li> <li>4. Who here can commit to which actions?</li> </ol>
3:00	<b>Tea and coffee break and sign up interest in other actions</b>
3:20	<p>Fast feedback from each group</p> <p>Personal action commitments</p> <p>Feedback</p> <p>Next Steps</p>
4:00	<b>Finish</b>

## TCI Greening the Economy Project Workshop - Attendees List 12<sup>th</sup> & 13<sup>th</sup> November 2014

Name	Organisation	Attended Day One 12 <sup>th</sup> Nov	Attended Day Two 13 <sup>th</sup> Nov
<b>Amin McCartney</b>	Ministry for Environment & Home Affairs	✓	✓
<b>Benneth Williams</b>	Turks & Caicos Weekly News		✓
<b>Bradley Handfield</b>	Community Leader		✓
<b>Butch Clare</b>	South Caicos Community Leader		✓
<b>Candianne Williams</b>	TCI Museum	✓	✓
<b>Chuck Hesse</b>	Pride	✓	✓
<b>Clyde Robinson</b>	Paradise Solutions TCI	✓	✓
<b>Don Stark</b>	Turks & Caicos Reef Fund	✓	✓
<b>Edgar Howell</b>	Department of Education	✓	
<b>Gavin Thomas</b>	Public Works	✓	✓
<b>Goldray Ewing</b>	PDM	✓	✓
<b>Henry Wilson</b>	DEMA	✓	
<b>Ian Harrison</b>	Doc Direct & Island Fresh Produce		✓
<b>Ide Gardner</b>	DEMA	✓	
<b>John Smith</b>	TCI Airports Authority	✓	
<b>Judith Campbell</b>	Global Green Consultants	✓	
<b>Mark Parrish</b>	Big Blue Unlimited	✓	✓
<b>Michelle Gardiner</b>	Ministry of Labour & Border Control	✓	
<b>Mike Clerveaux</b>	Planning Dept.	✓	✓
<b>Oscar Talbot</b>	Turks&Caicos Fisheries Co-operative	✓	✓
<b>Oswald Skippings</b>	Turks & Caicos Fishing Co-operative	✓	✓
<b>Paolo Deane</b>	Silver Deep	✓	
<b>Philip Shearer</b>	Big Blue Unlimited	✓	✓
<b>Rebecca Astwood</b>	Ministry of Tourism & Culture	✓	✓
<b>Ric Graham</b>	Grace Bay Resorts	✓	✓
<b>Rikardia Pardo</b>	DDME		✓
<b>Sharlene Cartwright</b>	PDM	✓	
<b>Shayone Handfield-Gardiner</b>		✓	✓
<b>Sparkle D Prentice</b>	Energy Commission	✓	
<b>Stacy Cox</b>	TC Hotel & Tourism Association	✓	
<b>Susan Blehr</b>	TCSPCA	✓	✓
<b>Vicky Dunster</b>	Blue Water Divers	✓	✓

32 people signed in to the workshop: 28 people on day one and 22 people on day two

