



**BASEL CONVENTION**



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**Basel Convention Regional Centre for  
Training and Technology Transfer for the  
Caribbean Region**

**BUSINESS PLAN 2012-2013**

**April 2012**



## Executive Summary

The Basel Convention Regional Centre for Training and Technology Transfer for the Caribbean Region (BCRC-Caribbean) is an autonomous corporate body hosted by the Government of the Republic of Trinidad and Tobago (GORTT) through the Ministry of Housing and Environment. The BCRC-Caribbean was constituted to serve the varied needs of the Caribbean Sub-region as they relate to the understanding and implementation of the Basel Convention by providing:

- a) appropriate training,
- b) identifying and assessing environmentally sound mechanisms for waste management and then ensuring the transfer of this technology to member countries as required,
- c) providing technical support to member countries in the form of consultancy services and
- d) ensuring that pertinent information and awareness on the issues related to current trends in waste management are disseminated to member countries.

The BCRC-Caribbean is expected to do this by developing biennial business plans that identify priority projects implementable at a regional level.

Business Plans are essential documents for enabling the Basel Convention Regional and Coordinating Centres (BCRCs) to function, since they:

1. Define the needs of each region in relation to projects and capacity building activities, in support of training and technology transfer on the environmentally sound management of hazardous and other wastes;
2. Are the basis upon which BCRCs assist in the implementation of the Strategic Framework for the implementation of the Basel Convention for 2012–2021 in conformity with decision BC-10/2 adopted at COP 10;
3. Could move forward the proposals included in the recommendations of the Indonesian-Swiss country-led initiative (CLI) to improve the effectiveness of the Basel Convention pursuant to decision BC-10/3;
4. Can create synergies for the possible cooperation on the implementation of the joint activities contained in Annex I to decision BC-10/29 on Enhancing cooperation and coordination among the Basel, Rotterdam and Stockholm Conventions;
5. Contain updated information on governance and administration arrangements of each Centre;
6. Are management tools that will guide the operations of the BCRCs.

The new strategic plan for the Basel Convention (BC) for the period 2012 – 2021 has as its central focus a shift away from the strict prohibition of the movement of hazardous wastes from one party to another, towards the recognition of waste as a resource which can stimulate economic development and create new employment opportunities, more so among civil society groups and small business entrepreneurs. The new focus of the BC Strategic Plan encourages waste prevention and minimization at source and waste recovery, reuse and recycling as downstream value added components of the waste stream.

In this regard, the Basel Convention Regional Centre for Training and Technology Transfer for the Caribbean Region (BCRC-Caribbean) has developed its Business Plan for the biennium period 2012/2013, in consultation with key stakeholders in the public, private and civil society sectors in the Caribbean, to prioritize and subsequently address issues of major concern in the Caribbean. The BCRC-Caribbean's Business Plan for 2012/2013 will seek to undertake training programmes, technology transfer projects and other capacity building projects that require more than \$4.5 million US Dollars' worth of funding over a period of three years. The main activities to be conducted by the Centre include:

- Training of Customs Officers to allow them to clamp down on illegal dumping and to control the import and export of materials regulated by the Basel, Stockholm, UNEP Chemicals conventions and the Montreal Protocol.
- Training of Landfill Managers and operators to allow them to implement waste segregation, recovery and recycling projects in their respective territories thereby reducing loads on landfills and prolonging their useful life.
- Provide training to policy makers and legislative drafters to equip them to develop policies and a legislative framework to enable an integrated approach to waste management including creating an environment in which entrepreneurial activities in the waste management sector can flourish while at the same time implementing controls on the import and export of waste.
- Develop partnerships with the academic institutions in the region, the business and trade groups, government agencies and non-governmental organisations to provide training, technology transfer and research to support capacity building for environmentally sustainable approaches to waste management.
- Conduct of Needs Assessment for Small Island States in the Caribbean Regarding National Policy and Legislative Framework for Compliance with conventions and protocols on waste materials.

- Workshop on Business Opportunities to be created from Integrated Waste Management at a National Scale for Entrepreneurs.
- Partnerships
  - University of Trinidad and Tobago, University of the West Indies and Caribbean Industrial Research Institute for training programme development and development of projects in waste reduction at source and development of recycling technologies.
  - Trade and Industry Groups for implementation of environmentally sound management of wastes – both training and technology transfer.
  - Regulatory Bodies for development and update of policy and legislation regarding integrated waste management.
- Specific Projects
  - Waste Oil Disposal and Destruction Project for Trinidad and Tobago.
    - Update national inventory of use and disposal
    - Review Policy and Enabling Legislation to facilitate waste oil collection, re-refining, disposal and destruction.
    - Conduct Strategic Assessment of appropriate Technologies that can be applied
    - Develop Pilot Project with Private Sector Investors
    - Use as Demonstration Project to Transfer Technology to other Caribbean islands.
  - E-Waste Refurbishment, Disassembly and Recycling Project for Trinidad and Tobago.
    - Update national inventory of use and disposal
    - Review Policy and Enabling Legislation to facilitate waste oil collection, re-refining, disposal and destruction.
    - Conduct Strategic Assessment of appropriate Technologies that can be applied
    - Develop Pilot Project with Private Sector Investors
    - Use as Demonstration Project to Transfer Technology to other Caribbean islands.

The BCRC-Caribbean is now well on its way to becoming an established regional body and with this Business Plan has completed all of the tasks required to put the Centre on a sound footing to serve the needs of its member countries.

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## List of Selected Acronyms

<b>BC</b>	The Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal
<b>BCCC</b>	Basel Convention Coordinating Centres for Training and Technology Transfer
<b>BCRC</b>	Basel Convention Regional Centre for Training and Technology Transfer
<b>BCRC-Caribbean</b>	The Basel Convention Regional Centre for Training and Technology Transfer for the Caribbean Region in Trinidad and Tobago
<b>BCRC-CAM</b>	The Basel Convention Regional Centre for Training and Technology Transfer for Central America in El Salvador
<b>BCCC-Uruguay</b>	The Basel Convention Coordinating Centre for Training and Technology Transfer for South America and the Caribbean
<b>CARICOM</b>	Caribbean Community
<b>CARIRI</b>	Caribbean Industrial Research Institute
<b>CLI</b>	Indonesian-Swiss country-led initiative to improve the effectiveness of the Basel Convention
<b>COP</b>	Conference of the Parties to the Basel Convention
<b>ESM</b>	Environmentally Sound Management
<b>FAO</b>	Food and Agricultural Organisation
<b>GORTT</b>	The Government of Trinidad and Tobago
<b>GPWM</b>	Global Partnership on Waste Management
<b>MEA</b>	Multilateral Environment Agreement
<b>NGO</b>	Non-governmental Organisation
<b>PACE</b>	Partnership for Action on Computing Equipment
<b>SBC</b>	Secretariat of the Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal
<b>UNEP</b>	United Nations Environment Programme



## I - Information on the Centre

### A - Vision

The Basel Convention Regional Centre for Training and Technology Transfer for the Caribbean Region (BCRC-Caribbean) is an autonomous corporate body with a clear understanding of its role as a services provider for the Contracting Parties to the Basel Convention here in the Caribbean region. Its mandate is to provide services to all of the small island developing states and former British and Dutch colony mainland territories in the Caribbean in the following key areas:

- Building the human resource and technological capacity within the region to adequately respond to multilateral environmental agreements that address the sound management of hazardous waste and other wastes and chemicals.
- Implementation of programmes on training, re-training and capacity building for the personnel of the member countries of the region on the handling of wastes and their trans-boundary movement.
- Implementation of projects to facilitate the transfer of technologies that are environmentally sustainable for waste treatment and disposal and appropriate to the needs of each member country.
- Conducting public awareness and education programmes to heighten public knowledge on the topics of wastes handling,
- Development of project proposals on different aspect of the Basel Convention initiated by the countries of the region for consideration of funding agencies.
- Fostering partnerships with academic institutions, with industry and business, and with non-governmental organizations on the environmentally sound management of hazardous wastes.
- Providing guidance documents on the protection of human health and the environment from the negative effects of improper management of hazardous wastes and other wastes and chemicals imported into or generated in member countries of the BCRC-Caribbean.

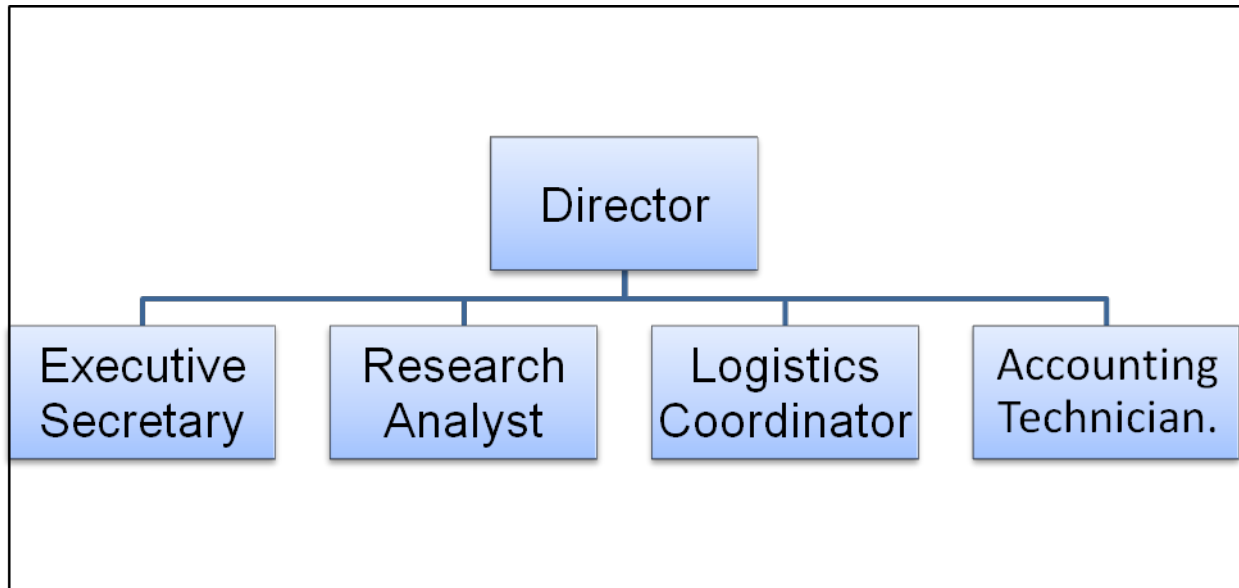
## B - Background on the Centre

In 1995, by Decision III/19 of the third meeting of the Conference of the Parties to the Basel Convention, the Republic of Trinidad and Tobago was selected as the seat for a regional Centre that would provide training and technology transfer services to Contracting Parties within the Caribbean region. The BCRC-Caribbean is located in San Juan, Trinidad and Tobago and serves thirteen (13) Parties to the Convention throughout the region. The Parties are:

- Antigua and Barbuda
- Commonwealth of the Bahamas
- Barbados
- Belize
- The Republic of Cuba
- The Commonwealth of Dominica
- The Dominican Republic
- The Republic of Guyana
- Jamaica
- The Republic of Trinidad and Tobago
- The Federation of Saint Kitts and Nevis
- Saint Lucia
- Saint Vincent and the Grenadines

Suriname is in the process of signing onto and ratifying the Basel Convention and it is expected that they will seek to be served by the Centre in 2012.

The Centre, having first become operational in 1998 at the Caribbean Industrial Research Institute, has now achieved full operational status. In 2011, suitable accommodation was provided for the Centre and four staff members were employed to perform the work of the Centre, including the Director, a Research Analyst, an Executive Administrative Assistant, and a Logistics Coordinator. The organizational structure for the BCRC-Caribbean can be seen in Figure 1. Future staff to be appointed includes an accounting technician, as well as project specific local, regional and international staff and consultants and experts to be selected and appointed by the Director in consultation with the Secretariat of the Basel Convention (SBC) when required.



**Figure 1. Organizational structure of the Basel Convention Regional Centre for Training and Technology Transfer for the Caribbean Region.**

The Centre is an autonomous corporate body hosted by the Government of the Republic of Trinidad and Tobago (GORTT) through the Ministry of Housing and Environment. Its work will seek to ensure that there is effective capacity building and technology transfer across the region in the sphere of waste management and that the Caribbean Parties are fully able to fulfill their obligations to the Convention. The Centre will also endeavour to encourage countries in the region which are not yet parties to the Basel Convention to participate in meetings and programmes hosted by the Centre and to encourage them to sign onto the Convention.

### **C – Governance Structure**

The Government of the Republic of Trinidad and Tobago acceded to the Basel Convention on the Control of the Transboundary Movements of Hazardous Wastes and their Disposal on February 18th 1994. Since then the GORTT has undertaken various initiatives to cement its commitment to the compliance with and furtherance of the provisions, goals and objectives of the Convention. This followed Decision II/19 that was taken at the second COP, subsequent to which the SBC undertook a feasibility study in 1994 on the possibility of establishing a Regional Centre to service the needs of the Caribbean sub-region. On the basis of the study, which included a visit to Trinidad and Tobago by a Secretariat mission, the Caribbean Industrial Research Institute (CARIRI) was identified as an appropriate

institution to serve as the Caribbean Basel Sub-Regional Training and Technology Transfer Centre. The Cabinet of Trinidad and Tobago agreed by Minute Number 2143 of August 10, 1995 to the hosting of the BCRC-Caribbean. As such, the Centre began its operations in 1998.

Following the adoption of Decision VI/3 by the COP in 2002, the BCRC-Caribbean was established at and administered independently of CARIRI in Trinidad and Tobago. The Framework Agreement was signed by the Trinidad and Tobago Ambassador to the United Nations, Geneva, Ambassador Bernard Weston on October 29, 2004 during the COP 7. The GORTT then enacted legislation, Act Number 2 of 2008, for the establishment of the Centre, in April 2008. The signing of the Framework Agreement and the enactment of the legislation have resulted in the separation of the Centre from the operations of CARIRI and credited responsibility for the BCRC-Caribbean to the GORTT.

Based on the text under Article II of the Agreement, the Centre is an autonomous institution with its own legal personality and established by the Government under the laws and regulations of the Republic of Trinidad and Tobago, upon the recommendation of the line Ministry (presently the Ministry of Housing and the Environment), and in consultation with the SBC, to function as a regional corporate body.

The BCRC-Caribbean operates pursuant to the provisions of the Basel Convention and related decisions of the COP to the Convention. The activities performed by the BCRC-Caribbean in relation to its regional role are conducted under the general guidance and in coordination with the SBC. Simultaneously, the activities of the Centre are coordinated by the SBC with the work of other BCRCs, as well as with the relevant activities of the Parties to the Convention, international organizations, programmes, funds, and other institutions established by relevant global and regional conventions. Of particular reference in this case will be the growing collaboration and cooperation that needs to be created between the centres serving the needs of their member countries under the Basel Convention and those serving the needs of member countries under the Stockholm and Rotterdam Conventions, the Montreal Protocol and programmes for chemical management under the aegis of the UNEP and FAO, all of which have been recognized as having overlapping responsibilities with the overarching goals and objectives of the Basel Convention. The BCRC-Caribbean therefore intends to position itself to provide services to its Contracting Parties on all of these multilateral environmental agreements, thereby maximizing initiatives, programmes and activities that are potentially disjointed if implemented on a country by country basis.

An established Steering Committee advises the Centre on the development and implementation of the activities of the Centre relevant to its regional role and to enhance national support of its activities from Parties served by the BCRC-Caribbean. This Steering

Committee was established with ten (10) regional members, representing the host country, mainland territories, the Leeward Islands, the Windward Islands and Spanish speaking islands, as of December 2011. Meetings of the Steering Committee are held once per annum but provisions exist for extra-ordinary meetings to be held on an as needed basis. The first meeting of the Steering Committee was held via teleconference on January 16<sup>th</sup> 2012. A list of the members of the Steering Committee is provided in Annex I.

The day-to-day operational costs of the BCRC-Caribbean are funded entirely by the GORTT and an annual subsidy is provided to the Centre by the GORTT as a line item in the annual budget allocation to the Ministry of Housing and the Environment. Draw down of this subsidy is done on a quarterly basis with monies being transferred from the Ministry of Housing and Environment vote to a Trinidad and Tobago Dollar chequing account held in the name of the BCRC-Caribbean with one of the local commercial banks. These funds pay for the salaries of staff, premises and services costs and for local, intra-regional and international travel required to be undertaken by staff of the Centre in the conduct of the business of the Centre. These funds also support the hiring of local consultants and staff on a short term, project specific or services basis.

The BCRC-Caribbean also possesses a United States Dollar savings account with the same local commercial bank that is used to facilitate the receipt of external funds that are derived from donors or other parties to support the conduct of training, technology transfer, meetings, workshops, consultancy services and information dissemination to member countries in the Caribbean Sub-region. Control of both accounts is restricted to the Director, BCRC-Caribbean; Chairman, Steering Committee, BCRC-Caribbean; and the Permanent Secretary, Ministry of Housing and the Environment.

The final cog in the BCRC-Caribbean's governance structure is its relationship to the Secretariat of the Basel Convention and with the Basel Convention Regional Coordinating Centre for Latin America and the Caribbean, based in Uruguay. The framework agreement between the SBC and the GORTT establishes a system of semi-annual and annual reporting, and consultation on an as needed basis, between the BCRC-Caribbean and the SBC on issues related to the hiring of project and consulting staff, financial reporting, work-plan development and progress tracking and generally under the guidance and close coordination with the SBC.

## **D - Contact information**

The Basel Convention Regional Centre for Training and Technology Transfer for the Caribbean Region can be contacted via the following:

### Office Address

Level 2,  
Corner El Socorro Main Road and Hassanali Street,  
San Juan,  
Trinidad and Tobago.

### Office Telephone, Fax and Email

Phone: +1-868-638-9064; +1-868-675-5752

Fax: +1-868-675-4556

Email: [bcrc.caribbean@gmail.com](mailto:bcrc.caribbean@gmail.com)

### Director's Telephone and Email

Phone: +1-868-638-6344

Cell: +1-868-678-7732

Email: [ahmadkhan786@msn.com](mailto:ahmadkhan786@msn.com)

The BCRC-Caribbean works through the Focal Points in the various territories in the Caribbean Sub-region that are parties to the Basel Convention. A complete list of these focal points is provided in Attachment II.

## II – The Centre and the Basel Convention

### A – Performance of the Core Functions

The Basel Convention Regional Centre for the Caribbean has been working in cooperation with the countries in the region since 1998 in accordance with the core functions of the Basel Convention Regional Centres established in decision VI/3 of the Conference of the Parties. The contribution of the BCRC-Caribbean has never been formally assessed, but it is believed that through programmes in training and in key project specific areas like the environmentally sound management of Used Lead Acid Batteries (ULAB), the Centre has been providing a useful contribution to the Contracting Parties in the region in fulfilling their obligations under the Basel Convention.

In addition to preparing and conducting workshops on different hazardous wastes topics, the Centre has also served as a facilitator for technology transfer within the region, specifically through the dissemination of technical information contained in case studies and technical guidelines endorsed by the SBC.

Regrettably, the Centre has not been in a position to do more and has suffered from the inability to effectively develop and progress Business Plans for previous biennia as well as an inability to convene Steering Committee Meetings. As a result, the BCRC-Caribbean lost some of its focus and services were not being provided to Contracting Parties of the region, more so over the period 2005 to 2010 after the framework agreement was signed between the SBC and the GORTT.

As of September 2011, new accommodation was provided by the GORTT to the BCRC-Caribbean which consists of 1000 sq. ft. of office space, 1000 sq. ft. of space housing a modern training facility and 200 sq. ft. of space for utility services and equipment storage. The BCRC-Caribbean was also provided with more modern telecommunications and computer networking systems and an ultra-high speed wireless connection allows easier access to webinars, video-conferencing, Skype, the World Wide Web and e-mail transmittal. The Centre was also fully staffed by September 2011 and thus the GORTT has ensured that the BCRC-Caribbean is indeed “open for business”.

As of September 2011, the BCRC-Caribbean has been involved in the following:

- Director attended BC COP10, Cartagena de Indias, Colombia, Oct 17th to 21st 2011.

- Director invited to participate as an expert in a UNEP/DTIE/IETC workshop on developing mechanisms for the disposal and destruction of waste oils, New Delhi, India, Nov 30th to Dec 2nd 2011.
- Centre participated in a regional meeting of Directors of regional and coordinating centres of the BC for the GRULAC region on December 20th 2011. Meeting held via Elluminate and hosted by UNEP's regional office in Panama.
- Centre participated in a regional workshop/meeting of regional directors and coordinators of the Basel and Stockholm Conventions for the GRULAC region in Sao Paulo, Brazil, 18th to 20th Jan 2012.
- Centre developing a waste oil disposal and destruction project for implementation in the Caribbean over the period April 2012 to March 2014.
- Centre developing an e-waste recovery, refurbishment and recycling demonstration project for implementation in the Caribbean over the period July 2012 to March 2014.
- Centre became a member of the PACE Working Group as of March 2012.

## **B – Opportunities for Improvement**

Despite the involvement of the BCRC-Caribbean in many activities related to the implementation of the Basel Convention, some obstacles were identified that limited the successful performance of the core functions of the Centre. Among these obstacles are financial limitations, absence of partners, the delay in the legal establishment of the Centre and the loss of key staff of the Centre over the period 2010-2011.

The Centre is now fully functional and is expected to improve on its past performance over the next two years and beyond. Commitment to ensuring the success of the BCRC-Caribbean has also come from the Governments of Jamaica and Barbados, as well as from the other member countries, and from the Secretariat of the Basel Convention. The Centre intends to translate this support into providing key training and technology transfer to its member countries in the biennium period of 2012/2013 and to developing demonstration projects in the life cycle management of specific wastes for implementation in the entire Caribbean Sub-region.



## **C - Cooperation with the Rotterdam Convention and Stockholm Convention.**

In light of decisions BC-10/29, SC-5/27 and RC-5/12 of the Basel, Stockholm and Rotterdam Conventions, to enhance cooperation and coordination of the regional centres of the three conventions, the role and functions of the BCRC-Caribbean are expected to be expanded given the lack of a regional centre for the Stockholm Convention serving the needs of small island states and former English and Dutch colonies on mainland territories. These activities include the participation in regional workshops coordinated by other conventions and the organization of international and regional workshops in cooperation with other Secretariats.

It is expected that the Centre would also be required to facilitate training courses on complying with the requirements of all of the conventions that deal with waste materials and chemicals in some form or fashion for its member countries, including assisting with conducting national annual inventories, reporting and the development of strategies for management of Basel defined wastes, mercury, persistent organic pollutants, obsolete chemicals, etc.

With regard to the role of the Centre on the implementation of international chemical conventions, the Centre estimates that it has limited capacity to facilitate the implementation of other conventions in areas such as project implementation, communications, information sharing and activities. This deficiency can be easily addressed by expanding the scope and function of the BCRC-Caribbean with additional appropriate professional staff.

## **D – Joint Activities**

The BCRC-Caribbean has worked with the BCRC-CAM<sup>1</sup> in the past on used lead acid batteries management and in the conduct of training programmes on environmentally sound mechanisms for management of hazardous wastes and for used oils management. The BCRC-Caribbean is now a member of the Partnerships for Action on Computers and Equipment (PACE) working group and will be working closely with the BCRC-CAM to develop regional programmes for E-Waste management and ULAB management to build the capacity of the island states and territories in the Caribbean to manage these wastes on a life cycle approach. It should be noted that ESM certified facilities for ULAB and E-Waste destruction and disposal exist in El Salvador and in the Dominican Republic which can be accessed by other Caribbean countries.

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<sup>1</sup> Basel Convention Regional Centre for Central America.

## E – Partnership Activities

The possibility to expand the functions of the Centre in order to promote the integration of ESM of hazardous wastes through public-private partnerships is relatively good. The BCRC-Caribbean therefore intends to develop active working relationships with academic institutions, trade and industry groups and non-governmental organisations to encourage and stimulate joint research projects and training and technology transfer initiatives.

Initiatives such as the Partnerships for Action on Computers and Equipment successfully implemented in other regions can be initiated through partnerships with the relevant business groups in the Caribbean and other regional centres.

The Centre has also begun the process of developing linkages with the University of the West Indies (UWI) St Augustine Campus, the Caribbean Industrial Research Institute (CARIRI), and the Institute of Applied Science and Technology (IAST) Georgetown Campus with a view to encouraging the development of indigenous technologies for materials recycling. The IAST in Georgetown has conducted successful small scale pilot projects in conversion of vegetable oil waste into biodiesel, the manufacture of road paving material from waste tyres, the recovery of biogas from organic matter degradation and the production of ground plastic material from waste plastics containers. The BCRC-Caribbean expects to expend considerable energies in creating appropriate private sector-institutional sector synergies to move these projects from a pilot scale to a viable commercial enterprise.

### III – Regional Needs Assessment

The BCRC-Caribbean was constituted to serve the varied needs of the Caribbean sub-region as they relate to the understanding and implementation of the Basel Convention by providing:

- e) appropriate training,
- f) identifying and assessing environmentally sound mechanisms for waste management and then ensuring the transfer of this technology to member countries as required,
- g) providing technical support to member countries in the form of consultancy services and
- h) ensuring that pertinent information and awareness on the issues related to current trends in waste management are disseminated to member countries.

The BCRC-Caribbean is expected to do this by developing biennial business plans that identify priority projects implementable at a regional level. For the period 2012/2015, the 2012/2013 biennial business plan must be submitted to the SBC by March 30<sup>th</sup> 2012 with the SBC tabling the 2014/2015 biennial business plan of the BCRC-Caribbean at the next meeting of the Conference of the Parties in 2013.

In developing the 2012/2013 Business Plan, the BCRC-Caribbean was required to consider the following guidelines as provided by the 10<sup>th</sup> Conference of the Parties and the SBC:

- a) Workplan based on the BC Strategic Plan adopted at COP10 for 2012-2021. This Strategic Plan emphasizes the development and implementation of workplans in each region that are relevant to the current needs of the region (Decision BC-10/3). Workplans for each region to be developed and implemented by the respective BCRCs and must be realistic, achievable and measurable over a two year period. The two year fixed time frame for regional workplans will allow for review and approval at each COP starting at COP11 in 2013. (Decision BC-10/4).
- b) Workplans must seek to consider Decision RC-5/12 of the Rotterdam Convention, Decision SC-5/27 of the Stockholm Convention and Decision BC-10/29 of the Basel Convention which seek to enhance cooperation and coordination among the three conventions, thereby maximizing human and financial resources for achieving common goals and targets.
- c) Workplans must reflect the paradigm shift in the interpretation of the Basel Convention, as it moves strictly from a prohibition of the movement of wastes across international boundaries to one that provides a mechanism that encourages

the prevention and minimization of waste generation at source and the recovery of waste as a valuable resource that can stimulate economic activity, engender cooperative and collaborative approaches to integrated waste management and encourage entrepreneurial activity in recycling and reuse businesses.

The BCRC-Caribbean completed its Business Plan for the biennium 2012/2013 through the conduct of consultations and an assessment of needs with its key stakeholders in the Caribbean Sub-region over a three month period, Jan – Mar 2012. These stakeholders included:

- a) the respective focal point and competent authority representatives,
- b) representatives of other government ministries and agencies involved in waste management,
- c) representatives of members of the business community who are involved in aspects of waste management at a commercial level, and with
- d) representatives of civil society groups involved in environmental protection and resource conservation initiatives.

Regrettably, only eight<sup>2</sup> of the fourteen countries represented by the Centre were able to participate in the face-to-face meetings and assessment of needs. A summary of each country's status regarding compliance with the convention and a list of the priority needs on a country by country basis are provided in the tables below.

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<sup>2</sup> Suriname is considered to be a member of the BCRC-Caribbean as it has signed and is in the final stages of acceding to the Basel Convention.

Table 1: Country Status Regarding Compliance with Basel Convention – Caribbean Sub-Region.

<b>Country</b>	<b>Compliance Status</b>
Antigua and Barbuda	Has signed and acceded to convention (05.04.93)
	Has not ratified the BAN Amendment
	Country reports submitted for 2001, 2002, 2004.
	Needs to strengthen its environmental legislation to control import and export of hazardous wastes. Needs to strengthen legislation to enforce the environmentally sound management of wastes.
Bahamas	Has signed and acceded to convention (12.08.92)
	Has not ratified the BAN Amendment
	Country reports submitted for 2001
	Has environmental legislation in place to control import and export of hazardous wastes. Needs to strengthen legislation to enforce the environmentally sound management of wastes.
Barbados	Has signed and acceded to convention (24.08.95)
	Has not ratified the BAN Amendment
	Country reports submitted every year from 2000 to 2009.
	Needs to strengthen its environmental legislation to control import and export of hazardous wastes. Needs to strengthen legislation to enforce the environmentally sound management of wastes.
Belize	Has signed and acceded to convention (23.05.97)
	Has not ratified the BAN Amendment
	Country reports submitted for 2006 and 2007
	Needs to strengthen its environmental legislation to control import and export of hazardous wastes. Needs to strengthen legislation to enforce the environmentally sound management of wastes.
Cuba	Has signed and acceded to convention (03.10.94)
	Has not ratified the BAN Amendment
	Country reports submitted every year for 1999 to 2009
	Unknown if legislation in place to control import and export of hazardous wastes.

Table 1 (cont'd): Country Status Regarding Compliance with Basel Convention – Caribbean Sub-Region.

<b>Country</b>	<b>Compliance Status</b>
Dominica	Has signed and acceded to convention (05.05.98)
	Has not ratified the BAN Amendment
	Country reports submitted for 2000, 2001, 2003 and 2004
	Needs to strengthen its environmental legislation to control import and export of hazardous wastes. Needs to strengthen legislation to enforce the environmentally sound management of wastes.
Dominican Republic	Has signed and acceded to convention (10.07.00)
	Has not ratified the BAN Amendment
	Country reports submitted every year from 2001 to 2007.
	Unknown if legislation in place to control import and export of hazardous wastes.
Guyana	Has signed and acceded to convention (04.04.01)
	Has not ratified the BAN Amendment
	Country reports submitted for 2004, 2005, 2006, 2007, 2008.
	Needs to strengthen its environmental legislation to control import and export of hazardous wastes. Needs to strengthen legislation to enforce the environmentally sound management of wastes.
Jamaica	Has signed and acceded to convention (23.01.03)
	Has not ratified the BAN Amendment
	Country reports submitted for 2004, 2006, 2007, 2008.
	Needs to strengthen its environmental legislation to control import and export of hazardous wastes. Needs to strengthen legislation to enforce the environmentally sound management of wastes.
St Lucia	Has signed and acceded to convention (09.12.93)
	Ratified the BAN Amendment (22.01.02)
	Country reports submitted for 1999, 2000, 2001, 2002, 2004, 2007, 2008, 2009.
	Needs to strengthen its environmental legislation to control import and export of hazardous wastes. Needs to strengthen legislation to enforce the environmentally sound management of wastes.

Table 1 (cont'd): Country Status Regarding Compliance with Basel Convention – Caribbean Sub-Region.

<b>Country</b>	<b>Compliance Status</b>
St Kitts and Nevis	Has signed and acceded to convention (07.09.94)
	Has not ratified the BAN Amendment
	Country reports submitted for 2004.
	Needs to strengthen its environmental legislation to control import and export of hazardous wastes. Needs to strengthen legislation to enforce the environmentally sound management of wastes.
St Vincent and the Grenadines	Has signed and acceded to convention (02.12.96)
	Has not ratified the BAN Amendment
	Country reports submitted for 2001.
	Needs to strengthen its environmental legislation to control import and export of hazardous wastes. Needs to strengthen legislation to enforce the environmentally sound management of wastes.
Suriname	Has signed and now in the process of acceded to convention
	Has not ratified the BAN Amendment
	No country reports submitted as yet.
	Needs to strengthen its environmental legislation to control import and export of hazardous wastes. Needs to strengthen legislation to enforce the environmentally sound management of wastes.
Trinidad and Tobago	Has signed and acceded to convention (18.02.94)
	Ratified the BAN Amendment (12.01.00)
	Host Country for one of the Regional Centres of the Basel Convention (29.10.04)
	Country reports submitted for 2001, 2003, 2004, 2005, 2006, 2007
	Needs to strengthen its environmental legislation to control import and export of hazardous wastes. Needs to strengthen legislation to enforce the environmentally sound management of wastes.

**Table 2a. Assessment of Needs for Member Countries in the Caribbean Sub-Region – The Commonwealth of Bahamas**

Organizations Consulted	Areas of Responsibility Related to UNEP Conventions/Protocols	Country Priority Areas for Biennium 2012/2013
Bahamas Environment, Science and Technology Commission.	<ul style="list-style-type: none"> <li>• Focal Point, Competent Authority and BCRC-Caribbean Steering Committee member.</li> <li>• Develops policy, legislation, standards for environmental protection and conservation.</li> <li>• Undertakes monitoring and enforcement of environmental regulations.</li> </ul>	<p><b><i>Training and Capacity Building in:</i></b></p> <ul style="list-style-type: none"> <li>• Preparation of national reports for multilateral environmental agreements which Bahamas is party to, including training in conducting national inventories on various wastes/materials in the country.</li> <li>• Preparation of national implementation plans and action plans to comply with MEA's which Bahamas is a party to.</li> <li>• Specialised training for Customs Officers at air and sea port to enable them to control the import and export of materials that may fall under the Basel or Stockholm Convention. Montreal protocol and other UNEP/FAO Chemical Wastes conventions.</li> <li>• Specialised training for environmental officers, inspectors and regulators in all of the above.</li> <li>• Specialised training in legal and policy drafting, standards formulation and legislation enforcement for environmental policy makers, environmental officers and legislation drafters.</li> <li>• Specialised training for landfill managers, landfill operators, environmental officers, environmental inspectors and regulators on of Integrated Waste Management Programmes to stimulate waste prevention or reduction at source, waste recovery, waste reuse, waste recycling and environmentally sound final disposal.</li> <li>• Specialised training for private sector small business investors and civil society groups in business opportunities that can be created out of waste segregation, recovery, pre-processing and recycling.</li> </ul> <p><b><i>Technology Transfer in:</i></b></p> <ul style="list-style-type: none"> <li>• Waste lubricating oil management</li> <li>• Waste vegetable oil management</li> <li>• E-Waste management</li> </ul>
Bahamas Waste	<ul style="list-style-type: none"> <li>• Private Sector Company providing waste management services under contract to public, private sector and civil society clients.</li> <li>• Developed its in-house bio diesel project and utilizes the bio-diesel as an alternative fuel for its trucking fleet.</li> </ul>	
Department of Health Services, Ministry of Health.	<ul style="list-style-type: none"> <li>• Responsible for managing municipal waste collections and operation of landfills.</li> </ul>	
Bahamas Electricity Corporation	<ul style="list-style-type: none"> <li>• Electricity generation.</li> <li>• Used waste oils as an alternative fuel source for electricity generation.</li> </ul>	



		<p><b><i>Compliance Issues:</i></b></p> <ul style="list-style-type: none"><li>• Need assistance to review current policy and legislation in relation to compliance with MEAs and to develop new policies and legislation to enable provisions of MEAs to function locally.</li></ul>
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**Table 2b: Assessment of Needs for Member Countries in the Caribbean Sub-Region - Barbados**

Organizations Consulted	Areas of Responsibility Related to UNEP Conventions/Protocols	Country Priority Areas for Biennium 2012/2013
Environmental Protection Division, Ministry of Environment, Water Resources and Drainage	<ul style="list-style-type: none"> <li>• Focal Point, Competent Authority and BCRC-Caribbean Steering Committee member.</li> <li>• Develops policy, legislation, standards for environmental protection and conservation.</li> <li>• Undertakes monitoring and enforcement of environmental regulations.</li> </ul>	<p><b>Training and Capacity Building in:</b></p> <ul style="list-style-type: none"> <li>• Will function as a resource in appropriate training programmes based on in country capacity thus far.</li> <li>• Specialised training for Customs Officers at air and sea port to enable them to control the import and export of materials that may fall under the Basel or Stockholm Convention. Montreal protocol and other UNEP/FAO Chemical Wastes conventions.</li> <li>• Specialised training in legal and policy drafting, standards formulation and legislation enforcement for environmental policy makers, environmental officers and legislation drafters.</li> <li>• Specialised training for landfill managers, landfill operators, environmental officers, environmental inspectors and regulators on of Integrated Waste Management Programmes to stimulate waste prevention or reduction at source, waste recovery, waste reuse, waste recycling and environmentally sound final disposal.</li> <li>• Specialised training for private sector small business investors and civil society groups in business opportunities that can be created out of waste segregation, recovery, pre-processing and recycling.</li> </ul> <p><b>Technology Transfer in:</b></p> <ul style="list-style-type: none"> <li>• Waste lubricating oil management</li> <li>• E-Waste management</li> </ul> <p><b>Compliance Issues:</b></p> <ul style="list-style-type: none"> <li>• Need assistance to review current policy and legislation in relation to compliance with MEAs and to develop new policies and legislation to enable provisions of MEAs to function locally.</li> </ul>
Solid Waste Project Unit, Ministry of Environment, Water Resources and Drainage	<ul style="list-style-type: none"> <li>• Responsible for the modernisation of the waste management sector in Barbados, including the evaluation and installation of appropriate waste management infrastructure.</li> </ul>	
Sanitation Services Authority	<ul style="list-style-type: none"> <li>• Responsible for Municipal waste collection services.</li> <li>• Manages the sanitary landfills in Barbados.</li> </ul>	
B's Recycling	<ul style="list-style-type: none"> <li>• Private sector entrepreneur involved in the recovery, segregation, pre-processing and export of raw materials suitable for recycling derived from waste oils, metals, plastics, paper, fibreboard, glass, aluminium, tyres.</li> </ul>	

Sustainable Barbados Recycling Centre Inc.	<ul style="list-style-type: none"><li>• Public/Private Sector partnership involved in the recovery of recyclable wastes from the municipal waste stream disposed of at landfills.</li><li>• Created to manage Barbados's waste diversion strategy.</li></ul>	
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**Table 2c: Assessment of Needs for Member Countries in the Caribbean Sub-Region – The Republic of Guyana**

Organizations Consulted	Areas of Responsibility Related to UNEP Conventions/Protocols	Country Priority Areas for Biennium 2012/2013
Environmental Protection Agency	<ul style="list-style-type: none"> <li>• Focal Point, Competent Authority and BCRC-Caribbean Steering Committee member.</li> <li>• Develops policy, legislation, standards for environmental protection and conservation.</li> <li>• Undertakes monitoring and enforcement of environmental regulations.</li> </ul>	<p><b><i>Training and Capacity Building in:</i></b></p> <ul style="list-style-type: none"> <li>• Understanding the role of national focal point and competent authority regarding the Basel convention.</li> <li>• Preparation of national reports for multilateral environmental agreements which Guyana is party to, including training in conducting national inventories on various wastes/materials in the country.</li> <li>• Preparation of national implementation plans and action plans to comply with MEA's which Guyana is a party to.</li> </ul>
Institute of Applied Science and Technology	<ul style="list-style-type: none"> <li>• Conducts research in the applied sciences, engineering and technology development,</li> <li>• Has developed research scale indigenous technologies for the conversion of waste materials into value added products such as, biodiesel from vegetable oils; biogas from organic wastes; plastic chips from PET, HDPE and PE; building blocks from saw dust, plastic and clay mixes; fuel briquettes from rice husks, clay, saw dust and bagasse mixes; road paving aggregate substitute material from used motor vehicle tyres.</li> </ul>	<ul style="list-style-type: none"> <li>• Specialised training for Customs Officers at air and sea port to enable them to control the import and export of materials that may fall under the Basel or Stockholm Convention. Montreal protocol and other UNEP/FAO Chemical Wastes conventions.</li> <li>• Specialised training for environmental officers, inspectors and regulators in all of the above.</li> <li>• Specialised training in legal and policy drafting, standards formulation and legislation enforcement for environmental policy makers, environmental officers and legislation drafters.</li> <li>• Specialised training for landfill managers, landfill operators, environmental officers, environmental inspectors and regulators on of Integrated Waste Management Programmes to stimulate waste prevention or reduction at source, waste recovery, waste reuse, waste recycling and environmentally sound final disposal.</li> <li>• Specialised training for private sector small business investors and civil society groups in business opportunities that can be created out of waste segregation, recovery, pre-processing and recycling.</li> <li>• Specialised training in air quality testing, water quality testing, data collection and analysis from pollution caused by Hazardous Wastes spilled during transportation.</li> <li>• Specialised training programme on Hazardous Material Management, which will include: use of harmonized codes to describe hazardous</li> </ul>

		<p>materials, identification of hazardous wastes, emergency response methods for spills/accidents, hazardous ranking system, creation of hazardous waste database and occupational health and safety training.</p> <p><b><i>Technology Transfer in:</i></b></p> <ul style="list-style-type: none"> <li>• Waste lubricating oil management</li> <li>• Waste vegetable oil management</li> <li>• E-Waste management</li> </ul> <p><b><i>Compliance Issues:</i></b></p> <ul style="list-style-type: none"> <li>• Need assistance to review current policy and legislation in relation to compliance with MEAs and to develop new policies and legislation to enable provisions of MEAs to function locally.</li> </ul>
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**Table 2d: Assessment of Needs for Member Countries in the Caribbean Sub-Region - Jamaica**

Organizations Consulted	Areas of Responsibility Related to UNEP Conventions/Protocols	Country Priority Areas for Biennium 2012/2013
Ministry of Water, Land, Environment and Climate Change	<ul style="list-style-type: none"> <li>• Focal Point and BCRC-Caribbean Steering Committee member.</li> <li>• Develops national policy for environmental protection and conservation.</li> </ul>	<p><b><i>Training and Capacity Building in:</i></b></p> <ul style="list-style-type: none"> <li>• Preparation of national reports for multilateral environmental agreements which Jamaica is party to, including training in conducting national inventories on various wastes/materials in the country.</li> <li>• Preparation of national implementation plans and action plans to comply with MEA's which Jamaica is a party to.</li> <li>• Specialised training for Customs Officers at air and sea port to enable them to control the import and export of materials that may fall under the Basel or Stockholm Convention. Montreal protocol and other UNEP/FAO Chemical Wastes conventions.</li> <li>• Specialised training for environmental officers, inspectors and regulators in all of the above.</li> <li>• Specialised training in legal and policy drafting, standards formulation and legislation enforcement for environmental policy makers, environmental officers and legislation drafters.</li> <li>• Specialised training for landfill managers, landfill operators, environmental officers, environmental inspectors and regulators on of Integrated Waste Management Programmes to stimulate waste prevention or reduction at source, waste recovery, waste reuse, waste recycling and environmentally sound final disposal.</li> <li>• Specialised training for private sector small business investors and civil society groups in business opportunities that can be created out of waste segregation, recovery, pre-processing and recycling.</li> </ul> <p><b><i>Technology Transfer in:</i></b></p> <ul style="list-style-type: none"> <li>• Waste lubricating oil management</li> <li>• Waste vegetable oil management</li> <li>• E-Waste management</li> </ul>
National Environmental Protection Agency	<ul style="list-style-type: none"> <li>• Competent Authority for Multilateral environmental agreements dealing with waste and chemicals.</li> <li>• Develops legislation, standards for environmental protection and conservation.</li> <li>• Undertakes monitoring and enforcement of environmental regulations.</li> </ul>	
Environmental Health Unit, Ministry of Health	<ul style="list-style-type: none"> <li>• Responsible for managing municipal waste collection services.</li> <li>• Responsible for managing sanitary landfills.</li> <li>• Responsible for public health education.</li> </ul>	
Pesticides Control Authority	<ul style="list-style-type: none"> <li>• Responsible for implementing chemicals management programmes for persistent organic pollutants, obsolete pesticides, chemical wastes.</li> <li>• Approves chemicals for import and use in agriculture and pest control.</li> <li>•</li> </ul>	

Island Cycle	<ul style="list-style-type: none"> <li>Private Sector Company interested in investing in waste recycling business opportunities for paper, glass, fibre board, plastics.</li> </ul>	<ul style="list-style-type: none"> <li>Implementation of National quick start programmes for Hg, E-waste, and Asbestos.</li> </ul> <p><b>Compliance Issues:</b></p>
Kevon Community Development Institute	<ul style="list-style-type: none"> <li>Civil society group interested in developing small business opportunities for low income communities in e-waste collection, refurbishment and dismantling and off-island disposal of component wastes.</li> </ul>	<ul style="list-style-type: none"> <li>Need assistance to review current policy and legislation in relation to compliance with MEAs and to develop new policies and legislation to enable provisions of MEAs to function locally.</li> <li>Need assistance to review existing customs legislation with a view to upgrading legislation to align the World Customs Organizations Harmonized Commodity Description and Coding Systems with Basel and other conventions and protocols codes for specific categories of wastes.</li> </ul>

**Table 2e: Assessment of Needs for Member Countries in the Caribbean Sub-Region – St Lucia**

Organizations Consulted	Areas of Responsibility Related to UNEP Conventions/Protocols	Country Priority Areas for Biennium 2012/2013
Ministry of Public Affairs, Sustainable Development, Energy, Science and Technology.	<ul style="list-style-type: none"> <li>• Focal Point and BCRC-Caribbean Steering Committee member.</li> <li>• Develops national policy for environmental protection and conservation.</li> </ul>	<p><b><i>Training and Capacity Building in:</i></b></p> <ul style="list-style-type: none"> <li>• Understanding the role of national focal point and competent authority regarding the Basel convention.</li> <li>• Preparation of national reports for multilateral environmental agreements which St Lucia is party to, including training in conducting national inventories on various wastes/materials in the country.</li> <li>• Preparation of national implementation plans and action plans to comply with MEA's which St Lucia is a party to.</li> <li>• Specialised training for Customs Officers at air and sea port to enable them to control the import and export of materials that may fall under the Basel or Stockholm Convention. Montreal protocol and other UNEP/FAO Chemical Wastes conventions.</li> <li>• Specialised training in legal and policy drafting, standards formulation and legislation enforcement for environmental policy makers, environmental officers and legislation drafters.</li> <li>• Specialised training for landfill managers, landfill operators, environmental officers, environmental inspectors and regulators on of Integrated Waste Management Programmes to stimulate waste prevention or reduction at source, waste recovery, waste reuse, waste recycling and environmentally sound final disposal.</li> <li>• Specialised training for private sector small business investors and civil society groups in business opportunities that can be created out of waste segregation, recovery, pre-processing and recycling.</li> </ul> <p><b><i>Technology Transfer in:</i></b></p> <ul style="list-style-type: none"> <li>• Waste lubricating oil management</li> <li>• E-Waste management</li> </ul>
St Lucia Solid Waste Management Authority	<ul style="list-style-type: none"> <li>• Competent Authority for Basel Convention.</li> <li>• Responsible for managing municipal waste collection services in St Lucia.</li> <li>• Responsible for the management and operation of sanitary landfill.</li> </ul>	
Pesticides and Toxic Chemicals Control Board, Ministry of Agriculture.	<ul style="list-style-type: none"> <li>• Responsible for implementing chemicals management programmes for persistent organic pollutants, obsolete pesticides, chemical wastes.</li> <li>• Approves chemicals for import and use in agriculture and pest control.</li> </ul>	



		<p><b><i>Compliance Issues:</i></b></p> <ul style="list-style-type: none"><li>• Need assistance to review current policy and legislation in relation to compliance with MEAs and to develop new policies and legislation to enable provisions of MEAs to function locally.</li></ul>
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**Table 2f: Assessment of Needs for Member Countries in the Caribbean Sub-Region – St Vincent and the Grenadines**

Organizations Consulted	Areas of Responsibility Related to UNEP Conventions/Protocols	Country Priority Areas for Biennium 2012/2013
Public Health Department, Ministry of Health, Wellness and the Environment	<ul style="list-style-type: none"> <li>• Focal Point, Competent Authority and BCRC-Caribbean Steering Committee member.</li> <li>• Develops policy, legislation, standards for environmental health.</li> <li>• Responsible for municipal waste collection and management of sanitary landfills.</li> <li>• Undertakes monitoring and enforcement of public health regulations.</li> </ul>	<p><b><i>Training and Capacity Building in:</i></b></p> <ul style="list-style-type: none"> <li>• Understanding the role of national focal point and competent authority regarding the Basel convention.</li> <li>• Preparation of national reports for multilateral environmental agreements which St Vincent and the Grenadines is party to, including training in conducting national inventories on various wastes/materials in the country.</li> <li>• Preparation of national implementation plans and action plans to comply with MEA's which St Vincent and the Grenadines is a party to.</li> <li>• Specialised training for Customs Officers at air and sea port to enable them to control the import and export of materials that may fall under the Basel or Stockholm Convention. Montreal protocol and other UNEP/FAO Chemical Wastes conventions.</li> <li>• Specialised training in legal and policy drafting, standards formulation and legislation enforcement for environmental policy makers, environmental officers and legislation drafters.</li> <li>• Specialised training for landfill managers, landfill operators, environmental officers, environmental inspectors and regulators on of Integrated Waste Management Programmes to stimulate waste prevention or reduction at source, waste recovery, waste reuse, waste recycling and environmentally sound final disposal.</li> <li>• Specialised training for private sector small business investors and civil society groups in business opportunities that can be created out of waste segregation, recovery, pre-processing and recycling.</li> </ul> <p><b><i>Technology Transfer in:</i></b></p> <ul style="list-style-type: none"> <li>• Waste lubricating oil management</li> <li>• Waste vegetable oil management</li> <li>• E-Waste management</li> </ul>
National Ozone Unit, Ministry of Health, Wellness and the Environment	<ul style="list-style-type: none"> <li>• Focal Point for Montreal Protocol.</li> <li>• Develops National Action Plans for compliance with Montreal Protocol.</li> </ul>	
Environmental Management Department, Ministry of Health, Wellness and the Environment	<ul style="list-style-type: none"> <li>• Focal Point for Stockholm Convention.</li> <li>• Develops policy, legislation, standards for environmental protection and conservation.</li> <li>• Responsible for developing action plans for management of all</li> </ul>	

	<p>chemical wastes programmes including disposal of obsolete pesticides, mercury matters, and persistent organic pollutants.</p>	<p><b><i>Compliance Issues:</i></b></p> <ul style="list-style-type: none"><li>• Need assistance to review current policy and legislation in relation to compliance with MEAs and to develop new policies and legislation to enable provisions of MEAs to function locally.</li></ul>
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**Table 2g: Assessment of Needs for Member Countries in the Caribbean Sub-Region – Republic of Trinidad and Tobago**

Organizations Consulted	Areas of Responsibility Related to UNEP Conventions/Protocols	Country Priority Areas for Biennium 2012/2013
Multilateral Environmental Agreements Unit, Ministry of Housing and the Environment.	<ul style="list-style-type: none"> <li>• Focal Point and BCRC-Caribbean Steering Committee member.</li> <li>• Develops national policy for environmental protection and conservation.</li> <li>• Develops action plans for compliance and reporting on all multilateral environmental agreements which Trinidad and Tobago has signed on to.</li> <li>• Acts as the country's delegate at all international MEA conferences and meetings.</li> </ul>	<p><b><i>Training and Capacity Building in:</i></b></p> <ul style="list-style-type: none"> <li>• Preparation of national reports for multilateral environmental agreements which Trinidad and Tobago is party to, including training in conducting national inventories on various wastes/materials in the country.</li> <li>• Specialised training for Customs Officers at air and sea port to enable them to control the import and export of materials that may fall under the Basel or Stockholm Convention. Montreal protocol and other UNEP/FAO Chemical Wastes conventions.</li> <li>• Specialised training in legal and policy drafting, standards formulation and legislation enforcement for environmental policy makers, environmental officers and legislation drafters.</li> <li>• Specialised training for landfill managers, landfill operators, environmental officers, environmental inspectors and regulators on of Integrated Waste Management Programmes to stimulate waste prevention or reduction at source, waste recovery, waste reuse, waste recycling and environmentally sound final disposal.</li> <li>• Specialised training for private sector small business investors and civil society groups in business opportunities that can be created out of waste segregation, recovery, pre-processing and recycling.</li> </ul> <p><b><i>Technology Transfer in:</i></b></p> <ul style="list-style-type: none"> <li>• Waste lubricating oil management</li> <li>• E-Waste management</li> </ul>
Trinidad and Tobago Chamber of Industry and Commerce	<ul style="list-style-type: none"> <li>• Acts as an advocate and represents the interests of businesses in the commercial, services and small to medium enterprises sectors.</li> <li>• Facilitates training, seminars and workshops for members.</li> </ul>	
Energy Chamber of Trinidad and Tobago	<ul style="list-style-type: none"> <li>• Acts as an advocate and represents the interests of businesses in the heavy industrial, energy services and small to medium enterprises in the petroleum and petrochemical sectors.</li> <li>• Facilitates training, seminars and workshops for members.</li> </ul>	

	<ul style="list-style-type: none"> <li>Provides certification programmes in HSSE management systems, work practices and procedures for member companies and other entities.</li> </ul>	<p><b>Compliance Issues:</b></p> <ul style="list-style-type: none"> <li>Need assistance to review current policy and legislation in relation to compliance with MEAs and to develop new policies and legislation to enable provisions of MEAs to function locally.</li> <li>Need assistance to review existing customs legislation with a view to upgrading legislation to align the World Customs Organizations Harmonized Commodity Description and Coding Systems with Basel and other conventions and protocols codes for specific categories of wastes.</li> </ul>
<p>Green Fund Executing Unit, Ministry of Housing and the Environment</p>	<ul style="list-style-type: none"> <li>Provides grant funding in support of activities conducted by civil society groups, not for profit companies and incorporated bodies in the spheres of natural resource conservation, contaminated site rehabilitation and reforestation.</li> </ul>	

**Table 2h: Assessment of Needs for Member Countries in the Caribbean Sub-Region - Suriname**

Organizations Consulted	Areas of Responsibility Related to UNEP Conventions/Protocols	Country Priority Areas for Biennium 2012/2013
Directorate of Environment Ministry of Labour, Technological Development and Environment.	<ul style="list-style-type: none"> <li>• Focal Point, Competent Authority and BCRC-Caribbean Steering Committee member.</li> <li>• Develops policy, legislation, standards for environmental protection and conservation.</li> </ul>	<p><b><i>Training and Capacity Building in:</i></b></p> <ul style="list-style-type: none"> <li>• Understanding the role of national focal point and competent authority regarding the Basel convention.</li> <li>• Preparation of national reports for multilateral environmental agreements which Suriname is party to, including training in conducting national inventories on various wastes/materials in the country.</li> <li>• Preparation of national implementation plans and action plans to comply with MEA's which Suriname is a party to.</li> <li>• Specialised training for Customs Officer at air and sea port to enable them to control the import and export of materials that may fall under the Basel or Stockholm Convention. Montreal protocol and other UNEP/FAO Chemical Wastes conventions.</li> <li>• Specialised training for environmental officers, inspectors and regulators in all of the above.</li> <li>• Specialised training in legal and policy drafting, standards formulation and legislation enforcement for environmental policy makers, environmental officers and legislation drafters.</li> <li>• Specialised training for landfill managers, landfill operators, environmental officers, environmental inspectors and regulators on of Integrated Waste Management Programmes to stimulate waste prevention or reduction at source, waste recovery, waste reuse, waste recycling and environmentally sound final disposal.</li> <li>• Specialised training for private sector small business investors and civil society groups in business opportunities that can be created out of waste segregation, recovery, pre-processing and recycling.</li> <li>• Specialised training in air quality testing, water quality testing, data collection and analysis from pollution caused by Hazardous Wastes spilled during transportation.</li> <li>• Specialised training programme on Hazardous Material Management, which will include: use of harmonized codes to describe hazardous</li> </ul>
University of Suriname	<ul style="list-style-type: none"> <li>• Academic tertiary level Institution involved in research in indigenous technologies for waste management, including recycling.</li> </ul>	
Centre for Agricultural Research, Suriname	<ul style="list-style-type: none"> <li>• Focal Point for the Stockholm Convention</li> <li>• Regulates chemicals imported for use in agricultural sector, including the management of obsolete pesticides and persistent organic pollutants.</li> </ul>	
National Institute for Environment and Development	<ul style="list-style-type: none"> <li>• Responsible for the development of a national legal and institutional framework for environmental policy and management in the interest of sustainable development.</li> <li>• Undertakes monitoring of environment – air, water, land, marine, and biota.</li> </ul>	

<p>Maritime Authority, Ministry of Transport, Communication and Tourism</p>	<ul style="list-style-type: none"> <li>• Management of Air and Sea Ports in Suriname.</li> <li>• Control of cargo into and out of country.</li> <li>• Runs stevedore services on sea ports.</li> <li>• Enforces maritime legislation</li> <li>• Focal point for MARPOL Convention.</li> </ul>	<p>materials, identification of hazardous wastes, emergency response methods for spills/accidents, hazardous ranking system, creation of hazardous waste database and occupational health and safety training.</p> <p><b>Technology Transfer in:</b></p> <ul style="list-style-type: none"> <li>• Waste lubricating oil management</li> <li>• Waste vegetable oil management</li> <li>• E-Waste management</li> </ul> <p><b>Compliance Issues:</b></p> <ul style="list-style-type: none"> <li>• Need assistance to review current policy and legislation in relation to compliance with MEAs and to develop new policies and legislation to enable provisions of MEAs to function locally.</li> <li>• Need assistance to review existing customs legislation with a view to upgrading legislation to align the World Customs Organizations Harmonized Commodity Description and Coding Systems with Basel and other conventions and protocols codes for specific categories of wastes.</li> </ul>
<p>Department of Transportation, Ministry of Transport, Communication and Tourism</p>	<ul style="list-style-type: none"> <li>• Management of road transport network in country.</li> <li>• Develops policy and legislation for road transport in country.</li> <li>• Enforces road traffic legislation.</li> </ul>	
<p>Customs Department, Ministry of Finance</p>	<ul style="list-style-type: none"> <li>• Controls import and export of cargo through air and sea ports</li> <li>• Collects revenue from the import of goods in the country</li> <li>• Enforces the “negative list” legislation in the country.</li> </ul>	
<p>Ministry of Public Health</p>	<ul style="list-style-type: none"> <li>• Responsible for public health issues.</li> <li>• Responsible for municipal waste collection and management of sanitary landfills.</li> <li>• Undertakes monitoring and enforcement of public health regulations.</li> </ul>	
<p>Cobo Holding N.V.</p>	<ul style="list-style-type: none"> <li>• Private Sector Company involved in the recycling of scrap steel and plastics (limited scale) to manufacture steel rods and bars</li> </ul>	

	used in construction as well as PVC water transmission pipe.	
Recycling Company of Suriname	<ul style="list-style-type: none"> <li>• Private Sector Company involved in the recovery, segregation and pre-processing of paper, fibre board, plastics, waste oils and glass from wastes.</li> </ul>	
Suralco	<ul style="list-style-type: none"> <li>• Subsidiary of Alcoa involved in the mining and processing of bauxite and the production of high grade alumina.</li> </ul>	
Iam Gold Mining	<ul style="list-style-type: none"> <li>• Private Sector multinational company involved in the mining for and processing of gold.</li> </ul>	
Suriname Business Forum	<ul style="list-style-type: none"> <li>• Public sector organisation involved in providing support (of a non-financial nature) to small and medium sized businesses at start up and for expansion.</li> <li>• Acts as an advocate and represents the interests of its small and medium sized business clients.</li> </ul>	
Suriname Chamber of Commerce and Industry	<ul style="list-style-type: none"> <li>• Acts as an advocate and represents the interests of businesses in the commercial, services and small to medium enterprises sectors.</li> <li>• Facilitates training, seminars and workshops for members.</li> <li>• Has established formal linkages with the T&amp;T Energy Chamber.</li> </ul>	



## IV – Proposed Activities

### A - Maintenance of the Centre and Staff Training Activities

The BCRC-Caribbean is now well on its way to becoming an established regional body and with this Business Plan has completed all of the tasks required to put the Centre on a sound footing to serve the needs of its member countries. The Centre shall strive to become a regional expert body in matters related to waste management and to be the body of knowledge to which member countries can turn to for expert advice and opinion on matters related to hazardous waste management. To achieve these goals, the Centre shall:

- 1) Continue to expand its network into the region through formal presentation of the work of the Centre at regional and international seminars and conferences.
- 2) Update and maintain a web presence from which information dissemination from the Centre to member countries and other third parties (and vice-versa) can occur.
- 3) Participate as an expert in training or technology development workshops and meetings.
- 4) Seek to become a member of Open Ended Working Groups, like PACE and GPWM, within the Basel Convention.
- 5) Strengthen the interaction between the Centre and donor agencies to access funding to support the execution of its workplans.
- 6) Strengthen its partnerships with academic institutions involved in the development of indigenous technologies
- 7) Strengthen its partnerships with civil society groups and small business entrepreneurs to create economic opportunities and jobs out of waste recovery and recycling.

The BCRC-Caribbean envisages that its success depend heavily on having qualified and trained staff to implement its workplans. The Centre will thus invest in the training of its staff in:

- 1) Project Management skills
- 2) Integrated Waste Management Theory and Practice
- 3) Financial Management applicable to managing Grant Funding.
- 4) Technologies applicable to recycling and the environmentally sound destruction of waste materials.

Staff training and capacity building will also be realised through staff attendance at technical conferences, meetings, seminars and workshops.

It should be noted that the cost of running the BCRC-Caribbean effectively is approximately \$450,000.00 USD per annum and this cost is met solely by the GORTT. The member countries in the Caribbean served by the Centre have pledged to support the Centre by either in-cash contributions on an annual basis or by providing in-kind technical and administrative support to the Centre during the execution of its Business Plan.

## **B - Activities for the Implementation of the Strategic Framework and the Country-Led Initiative (CLI).**

The central focus of the new Strategic Plan for the BC requires key activities in the following areas:

- Implementation of Integrated Waste Management Programmes to stimulate waste prevention or reduction at source, waste recovery, waste reuse, waste recycling and environmentally sound final disposal.
- Building Partnerships for information sharing, technology transfer and resource optimization and use.
- Implementation of the Ban Amendment.
- Reduction of Illegal Importation of Waste under the guise of usable materials.
- Building In-House human resource and technical capacity among developing countries to manage waste disposal and destruction in an environmentally sustainable manner, preferably in-country.

Based on the central focus of the BC Strategic Plan for 2012 to 2021 the BCRC-Caribbean proposes to begin inter alia with the following:

- Training of Customs Officers to allow them to clamp down on illegal dumping and to control the import and export of materials regulated by the Basel, Stockholm, UNEP Chemicals conventions and the Montreal Protocol.
- Training of Landfill Managers and operators to allow them to implement waste segregation, recovery and recycling projects in their respective territories thereby reducing loads on landfills and prolonging their useful life.
- Provide training to policy makers and legislative drafters to equip them to develop policies and a legislative framework to enable an integrated approach to waste

management including creating an environment in which entrepreneurial activities in the waste management sector can flourish while at the same time implementing controls on the import and export of waste.

- Develop partnerships with the academic institutions in the region, the business and trade groups, government agencies and non-governmental organisations to provide training, technology transfer and research to support capacity building for environmentally sustainable approaches to waste management.
- Conduct of Needs Assessment for Small Island States in the Caribbean Regarding National Policy and Legislative Framework for Compliance with conventions and protocols on waste materials.
- Workshop on Business Opportunities to be created from Integrated Waste Management at a National Scale for Entrepreneurs.
- Partnerships
  - University of Trinidad and Tobago, University of the West Indies and Caribbean Industrial Research Institute for training programme development and development of projects in waste reduction at source and development of recycling technologies.
  - Trade and Industry Groups for implementation of environmentally sound management of wastes – both training and technology transfer.
  - Regulatory Bodies for development and update of policy and legislation regarding integrated waste management.
- Specific Projects
  - Waste Oil Disposal and Destruction Project for Trinidad and Tobago.
    - Update national inventory of use and disposal
    - Review Policy and Enabling Legislation to facilitate waste oil collection, re-refining, disposal and destruction.
    - Conduct Strategic Assessment of appropriate Technologies that can be applied
    - Develop Pilot Project with Private Sector Investors
    - Use as Demonstration Project to Transfer Technology to other Caribbean islands.
  - E-Waste Refurbishment, Disassembly and Recycling Project for Trinidad and Tobago.
    - Update national inventory of use and disposal
    - Review Policy and Enabling Legislation to facilitate waste oil collection, re-refining, disposal and destruction.

- Conduct Strategic Assessment of appropriate Technologies that can be applied
- Develop Pilot Project with Private Sector Investors
- Use as Demonstration Project to Transfer Technology to other Caribbean islands.

It should be noted that two other countries in the Caribbean sub-region, Haiti and Grenada, have not signed onto the Basel Convention and twelve of the fourteen who have, have not ratified the BAN Amendment. The BCRC-Caribbean will seek to progress the agenda of having those countries that have not ratified the BAN Amendment do so by the next Conference of the Parties meeting in 2013 and will also seek to determine what factors are responsible for Grenada and Haiti not being members of the convention. The BCRC-Caribbean will seek to do this through the CARICOM Secretariat, by moral persuasion on its own part and by involving Grenada and Haiti in training activities hosted by the Centre.

## **V – Financial Information**

### **A – Financial Information about the Centre**

The BCRC-Caribbean is funded in the main by an annual subvention provided by the Government of the Republic of Trinidad and Tobago in accordance with Annex II of Act#2 of 2008. In essence, the GORTT pays the salaries of the four core staff of the Centre and pays for all premises and services costs. The GORTT also provides an in-cash contribution of \$100,000.00 USD to be used by the Centre in running its operational affairs.

There is a need to supplement this subvention with inputs from other sources, including nominal annual cash and non-cash contributions from the member Contracting Parties in the region.

### **B – Main Partner Institutions**

The main source of funding for all the regional and coordinating Centres of the BC has traditionally been the Basel Convention Trust Fund. With donations to the Trust Fund from donor countries being severely curtailed due to the global economic downturn, it is expected that the BCRC-Caribbean will have to find alternative and innovative ways of raising working capital to fund its workplan and specifically its projects.

Potential future sources of funding in this region include:

- Global Environment Facility (GEF)
- Japan International Cooperation Agency (JICA)
- Canadian International Development Agency (CIDA)
- World Bank
- Inter-American Development Bank (IDB)
- Caribbean Development Bank (CDB)
- Parties in the region
- United Nations Development Programme (UNDP)
- Others

Key partners and stakeholders in the future

- Donors
- Governmental departments/agencies
- Industries and Trade Groups
- Academic institutions

- Non-governmental organizations
- Regional organisations (Caribbean Environmental Health Institute, Organisation of Eastern Caribbean States, Caribbean Development Bank)

## C – Proposed Budget for Activities (2012-2014)

<b>BCRC - Caribbean - ESTIMATED INCOME AND EXPENDITURE FOR 2012-2014 (USD)</b>				
<b>INCOME (ESTIMATES)</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Allocations from GORTT	312,500.00	450,000.00	450,000.00	1,212,500.00
Allocation from Member Party Governments <sup>3</sup> (13)	-	130,000.00	130,000.00	260,000.00
From Basel Convention (Technical Cooperation Trust Fund)	-	-	100,000.00	100,000.00
From other MEAs	-	-	-	-
From GFEU of T&T	200,000.00	1,075,000.00	-	1,275,000.00
From donors (IABD, WB, JICA, CIDA)	-	-	850,000.00	850,000.00
Private partners (Industry Stakeholders)	15,000.00	30,000.00	45,000.00	90,000.00
Other (UNDP, UNEP, GEF, OECS, CDB)	225,000.00	235,000.00	175,000.00	635,000.00
<b>Total Income</b>	<b>752,500.00</b>	<b>1,920,000.00</b>	<b>1,750,000.00</b>	<b>4,422,500.00</b>
<b>EXPENDITURE (ESTIMATES)</b>				
<b>CORE</b>				
Personnel	116,000.00	116,000.00	116,000.00	348,000.00
Subcontracts	25,000.00	38,000.00	38,000.00	101,000.00
Travel and Subsistence	25,000.00	50,000.00	50,000.00	125,000.00
Training/Learning	10,000.00	15,000.00	15,000.00	40,000.00
Equipment, supplies and premises	180,000.00	180,000.00	202,000.00	562,000.00
General operating expenses (telephone, internet, electricity, etc)	29,000.00	29,000.00	33,000.00	91,000.00
Steering Committee Meetings	10,000.00	30,000.00	30,000.00	70,000.00
<b>Subtotal</b>	<b>395,000.00</b>	<b>458,000.00</b>	<b>484,000.00</b>	<b>1,337,000.00</b>

<sup>3</sup> Will be provided by in-kind contributions of technical services, administrative support, absorption of services cost and physical infrastructure to support the execution of various elements of the BCRC-Caribbean workplans.

<b>BCRC – Caribbean – ESTIMATED INCOME AND EXPENDITURE FOR 2012-2014 (USD)</b>				
<b>EXPENDITURE (ESTIMATES)</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
<b>PROJECTS</b>				
Waste Oil Disposal and Destruction Project	100,000.00	575,000.00	450,000.00	1,125,000.00
E-Waste Refurbishment, Recycling and Destruction Project	100,000.00	500,000.00	500,000.00	1,100,000.00
Partnership Projects	45,000.00	45,000.00	45,000.00	135,000.00
Policy and Legislation Development and/or Upgrade	50,000.00	100,000.00	100,000.00	250,000.00
<b>Sub-Total</b>	<b>295,000.00</b>	<b>1,220,000.00</b>	<b>1,095,000.00</b>	<b>2,610,000.00</b>
<b>WORKSHOPS AND TRAINING ACTIVITIES</b>				
Customs Officers Training	40,000.00	80,000.00	-	120,000.00
Waste Managers and Landfill Operators Training	70,000.00	70,000.00	70,000.00	210,000.00
Needs Assessment and Awareness Building Workshops	20,000.00	50,000.00	50,000.00	120,000.00
Entrepreneurial Workshops and Training Seminars	15,000.00	30,000.00	45,000.00	90,000.00
<b>Subtotal</b>	<b>145,000.00</b>	<b>230,000.00</b>	<b>165,000.00</b>	<b>540,000.00</b>
<b>Total Expenditures</b>	<b>835,000.00</b>	<b>1,908,000.00</b>	<b>1,744,000.00</b>	<b>4,487,000.00</b>
<b>Variance</b>	<b>-82,500.00</b>	<b>12,000.00</b>	<b>6,000.00</b>	<b>-64,500.00</b>



**D. Breakdown of Estimated Expenditure, with Possible Funding Sources, for Training Programmes and Specific Projects to be Undertaken by the BCRC-Caribbean for 2012/2014.**

Activity		Estimates of Expenditure (\$USD)			Total (\$USD)
		2012	2013	2014	
Customs Officers Training		40,000.00	80,000.00	-	120,000.00
Possible Source of Funding and Quantum (\$USD)	UNDP/UNEP/GEF/OECS/etc...	40,000.00	60,000.00		100,000.00
	Counterpart Funding	-	20,000.00	-	20,000.00
Waste Managers and Landfill Operators Training		70,000.00	70,000.00	70,000.00	210,000.00
Possible Source of Funding and Quantum (\$USD)	UNDP/UNEP/GEF/OECS/etc...	70,000.00	50,000.00	50,000.00	170,000.00
	Counterpart Funding	-	20,000.00	20,000.00	40,000.00
Needs Assessment and Awareness Building Workshops		20,000.00	50,000.00	50,000.00	120,000.00
Possible Source of Funding and Quantum (\$USD)	UNDP/UNEP/GEF/OECS/etc...	20,000.00	30,000.00	30,000.00	80,000.00
	Counterpart Funding	-	20,000.00	20,000.00	40,000.00
Entrepreneurial Workshops and Training Seminars		15,000.00	30,000.00	45,000.00	90,000.00
Possible Source of Funding and Quantum (\$USD)	Industry Stakeholders	15,000.00	30,000.00	45,000.00	90,000.00

**D. Breakdown of Estimated Expenditure, with Possible Funding Sources, for Training Programmes and Specific Projects to be Undertaken by the BCRC-Caribbean for 2012/2014.**

Activity		Estimates of Expenditure (\$USD)			Total (\$USD)
		2012	2013	2014	
Partnership Programmes – Academic Institutions		45,000.00	45,000.00	45,000.00	135,000.00
Possible Source of Funding and Quantum (\$USD)	UNDP/UNEP/GEF/OECS/etc...	45,000.00	45,000.00	45,000.00	135,000.00
Partnership Programmes – Country Specific Policy and Legislative Development		50,000.00	100,000.00	100,000.00	250,000.00
Possible Source of Funding and Quantum (\$USD)	UNDP/UNEP/GEF/OECS/etc...	50,000.00	50,000.00	50,000.00	150,000.00
	Counterpart Funding	-	50,000.00	50,000.00	100,000.00
Waste Oil Disposal and Destruction Project		100,000.00	575,000.00	450,000.00	1,125,000.00
Possible Source of Funding and Quantum (\$USD)	Donors (IADB/WB/JICA/CIDA/CDB)	-	-	400,000.00	400,000.00
	Counterpart Funding (GFEU-TT)	100,000.00	575,000.00	-	675,000.00
	BC-TCTF	-	-	50,000.00	50,000.00
E-Waste Refurbishment, Recycling and Destruction Project		100,000.00	500,000.00	500,000.00	1,100,000.00
Possible Source of Funding and Quantum (\$USD)	Donors (IADB/WB/JICA/CIDA/CDB)	-	-	450,000.00	450,000.00
	Counterpart Funding (GFEU-TT)	100,000.00	500,000.00	-	600,000.00
	BC-TCTF	-	-	50,000.00	50,000.00

## **Annex I**

### **List of Steering Committee Members**

<b>Country</b>	<b>Steering Committee Member</b>	<b>CONTACT INFORMATION</b>
BARBADOS	Mr. Jeffrey Headley, Director	Environmental Protection Department Ministry of the Environment & Drainage L.V. Harcourt Lewis Building Dalkeith, St. Michael Barbados (246)310-3600 Email: <a href="mailto:enveng@caribsurf.com">enveng@caribsurf.com</a>
GUYANA	Ms. Karen Alleyne	Environmental Protection Agency Ganges Street, Sophia, Georgetown Guyana (592)225-6917 <a href="mailto:karen_anansa23@yahoo.com">karen_anansa23@yahoo.com</a>
TRINIDAD & TOBAGO	Kishan Kumarsingh, Head, Multilateral Environmental Agreements Unit	Ministry of Housing and the Environment El Socorro Main Road, San Juan Trinidad and Tobago (868) 623-4663 Email: <a href="mailto:Kishan.kumarsingh@mhe.gov.tt">Kishan.kumarsingh@mhe.gov.tt</a>
ST. LUCIA	Ms Yasmin Jude, Sustainable Development and Environment Officer	Sustainable Development & Environment Division Ministry of Physical Development and the Environment Graham Louisy Administrative Bldg., Waterfront, Castries St. Lucia (758)451-8746 Email: <a href="mailto:yjude@sde.gov.lc">yjude@sde.gov.lc</a>
THE BAHAMAS	Mr. Philip Weech, Director	BEST Commission Nassau Court P.O. Box N-7132 Nassau, The Bahamas (242)397-5508 Email: <a href="mailto:philipweech@bahamas.gov.bs">philipweech@bahamas.gov.bs</a>

BELIZE	Martin Alegria, Chief Environmental Officer	Department of Environment Market Square, Belmopan Belize, C.A. (802)2542/2816 email: <a href="mailto:martin.alegria@gmail.com">martin.alegria@gmail.com</a>
DOMINICAN REPUBLIC	Elsa Ferreras Santana	Encargada del Departamento de Gestion de Sustancias Quimicas Peligrosas Ministerio de Medio Ambiente y Recursos Naturales Veceministerio de Gestion Ambiental Ave., Cayetano Germosen, Esq. Avenida Gregorio Luperon, El Pedregal, Distrito Nacional, Santo Domingo, Republica Dominicana (809) 567-4300 Email: <a href="mailto:elsa.ferreras@ambiente.gob.do">elsa.ferreras@ambiente.gob.do</a>
ST. VINCENT & THE GRENADINES	Carlos Wilson, Environmental Health Officer	Environmental Management Department Ministry of Health, Wellness and the Environment Kingstown, St. Vincent and the Grenadines (784) 492-1432 Email: <a href="mailto:carloskwilson@yahoo.com">carloskwilson@yahoo.com</a>
ANTIGUA & BARBUDA	Mr. Lionel Michael	Chief Health Inspector Ministry of Health. All Saints Rd. St. John's Antigua and Barbuda (268) 462-2936/460-5992 Email: <a href="mailto:zelmichael@hotmail.com">zelmichael@hotmail.com</a>
JAMAICA	Ms. Gillian Guthrie	Ministry of Land and Environment 16A Half-Way-Tree Road Kingston 5 Jamaica 876-960-5633 <a href="mailto:emdmohe@yahoo.com">emdmohe@yahoo.com</a>

## **ANNEX II**

### **LIST OF FOCAL POINTS FOR THE BASEL CONVENTION IN THE CARIBBEAN REGION**

<b>Country</b>	<b>Focal Point</b>	<b>CONTACT INFORMATION</b>
BARBADOS	Mr. Jeffrey Headley, Director	Environmental Protection Department Ministry of the Environment, Water Resources & Drainage L.V. Harcourt Lewis Building Dalkeith, St. Michael Barbados (246) 310 3600 Email: <a href="mailto:enveng@caribsurf.com">enveng@caribsurf.com</a>
GUYANA	Mrs. Geeta Singh Ubaldo Espinosa, Director	Environmental Management Division, Environmental Protection Agency, Ganges Street, Sophia, Georgetown Guyana (592) 225 0506 Email: <a href="mailto:epa@epaguyana.org">epa@epaguyana.org</a> / <a href="mailto:geeta.singh.d@gmail.com">geeta.singh.d@gmail.com</a>
TRINIDAD & TOBAGO	Mrs. Joy Creese, Permanent Secretary	Ministry of Housing and the Environment Level 2 HDC Building, #44-46 South Quay, Port of Spain, Trinidad and Tobago (868) 623 4663 <a href="mailto:joy.creese@mhe.gov.tt">joy.creese@mhe.gov.tt</a>
ST. LUCIA	Mr. Phillip Dalsou, Permanent Secretary	Ministry of the Public Service, Sustainable Development, Energy, Science and Technology, 2 <sup>nd</sup> Floor, Graeham Louisy Administrative Building, Waterfront, Castries, Saint Lucia
THE BAHAMAS	Mr. Philip Weech, Director	BEST Commission P.O. Box N-7132, Nassau Bahamas (242) 397 5508 Email: <a href="mailto:philipweech@bahamas.gov.bs">philipweech@bahamas.gov.bs</a>

BELIZE	Mr. Leonoides Sosa, Environmental Officer	Department of Environment, Ministry of Natural Resource and the Environment, Market Square, Belmopan, Belize, C.A. (501) 802 2816 Email: <a href="mailto:leonides.sosa@gmail.com">leonides.sosa@gmail.com</a>
DOMINICAN REPUBLIC	Subsecretaría de Estado de Gestión Ambiental	Secretaría de Estado de Medio Ambientado y Recursos Naturales Av. 27 de Febero esq av. Tirandente Plaza Merengue 2 Santo Domingo República Dominicana (1 809) 688 88 86 Email: <a href="mailto:sga@medioambiente.gov.do">sga@medioambiente.gov.do</a>
ST. VINCENT & THE GRENADINES	Permanent Secretary, Ministry of Health, Wellness and the Environment	Ministry of Health, Wellness and the Environment, Ministerial Building, Kingstown, St. Vincent and the Grenadines
ANTIGUA & BARBUDA	Ms. Diann Black-Layne Chief Environmental Officer	Environment Division, Ministry of Public Works, Transportation and Environment #1 Prime Minister's Drive, Factory Road, St. John's, Antigua and Barbuda (268) 462 6265 Email: <a href="mailto:dcblack11@yahoo.com">dcblack11@yahoo.com</a>
ST KITTS AND NEVIS	Mr. Andy Skerritt	Environmental Health Department, Ministry of Health, P.O. Box 236, Basseterre, St. Kitts and Nevis Email: <a href="mailto:andyskerritt@yahoo.com">andyskerritt@yahoo.com</a>



JAMAICA	Mrs Genefa Hibbert Permanent Secretary	Ministry of Housing, Environment and Water, 16A Half Way Tree Road, Kingston 5, Jamaica
CUBA	Enrique Moret Hernandez, Director	International Affairs Department, Ministry of Science, Technology & Environment Calle 18A #4118 e/ 41 y 47 11300 Havana, Cuba (537) 214 4256 Email: <a href="mailto:emoret@citma.cu">emoret@citma.cu</a>
DOMINICA	Mr. Lloyd Pascal	Ministry of Agriculture and the Environment, Roseau Fisheries Complex Building, Dame Mary Eugenia Charles Boulevard, Roseau, Dominica (767) 266 5256
SURINAME	Ms. Shelley Soetosenojo, Deputy Director, Environmental Policy Monitoring	Directorate of Environment Ministry of Labour, Technological Development and Environment Prins Hendrikstraat 17, Paramaribo, Suriname 597-420960 <a href="mailto:shelley.soetosenojo@atm.gov.sr">shelley.soetosenojo@atm.gov.sr</a> / <a href="mailto:srsoet@yahoo.com">srsoet@yahoo.com</a>

**ANNEX III**

**LIST OF COMPETENT AUTHORITIES FOR THE BASEL CONVENTION IN  
THE CARIBBEAN REGION**

<b>Country</b>	<b>Competent Authority</b>	<b>CONTACT INFORMATION</b>
BARBADOS	Ministry of the Environment, Water Resources & Drainage	Mr. Jeffrey Headley, Director Environmental Protection Department, Ministry of the Environment, Water Resources & Drainage L.V. Harcourt Lewis Building Dalkeith, St. Michael Barbados (246)310-3600 Email: <a href="mailto:enveng@caribsurf.com">enveng@caribsurf.com</a>
GUYANA	Environmental Protection Agency	Mrs. Geeta Singh Ubaldo Espinosa, Director, Environmental Management Division, Environmental Protection Agency, Ganges Street, Sophia, Georgetown, Guyana (592) 225 0506 Email: <a href="mailto:epa@epaguyana.org">epa@epaguyana.org</a> / <a href="mailto:geeta.singh.d@gmail.com">geeta.singh.d@gmail.com</a>
TRINIDAD & TOBAGO	The Environmental Management Authority	Dr. Joth Singh, Managing Director/CEO Environmental Management Authority #8 Elizabeth Street, St. Clair Port of Spain Trinidad and Tobago (868) 624 8044 Email: <a href="mailto:jsingh@ema.co.tt">jsingh@ema.co.tt</a> / <a href="mailto:ema@ema.co.tt">ema@ema.co.tt</a>
ST. LUCIA	St. Lucia Solid Waste Management Authority	Mr. Lauranus Lesfloris, Deputy General Manager/Operations, St. Lucia Solid Waste Management Authority, P.O. Box CP5722, Conway Post Office, Castries, St. Lucia (758) 453 2208 Email: <a href="mailto:sluswma@candw.lc">sluswma@candw.lc</a>

THE BAHAMAS	Bahamas Environment, Science and Technology (BEST) Commission	Mr. Philip Weech, Director BEST Commission, P.O. Box N-7132, Nassau, Bahamas (242)397-5508 Email: <a href="mailto:philipweech@bahamas.gov.bs">philipweech@bahamas.gov.bs</a>
BELIZE	Department of the Environment, Ministry of Natural Resource and the Environment	Mr. Leonoides Sosa, Environmental Officer Department of the Environment, Ministry of Natural Resource and the Environment, Market Square, Belmopan, Belize, C.A. (501) 802 2816
DOMINICAN REPUBLIC	Ministerio del Ambiente y Recursos Naturales	Secretaría de Estado de Medio Ambiente y Recursos Naturales Ministerio del Ambiente y Recursos Naturales Av. Cayetano Germosen Esquina Esq. Av. Luperón El Pedregal, Santo Domingo, D.N., República Dominicana (809) 567 4300 Email: <a href="mailto:participacion.social@ambiente.gob.do">participacion.social@ambiente.gob.do</a>
ST. VINCENT & THE GRENADINES	Ministry of Health, Wellness and the Environment	Carlos Wilson, EHO Ministry of Health, Wellness and the Environment, Ministerial Building, Kingstown, St. Vincent and the Grenadines (1 784) 485 69 92 Email: <a href="mailto:carloskwilson@yahoo.com">carloskwilson@yahoo.com</a>
ANTIGUA & BARBUDA	Ministry of Public Works, Transportation and Environment	Ms. Diann Black-Layne, Chief Environmental Officer Ministry of Public Works, Transportation and Environment #1 Prime Minister's Drive, Factory Road, St. John's,

		Antigua and Barbuda (268) 462 6265 Email: <a href="mailto:dcblack11@yahoo.com">dcblack11@yahoo.com</a>
ST KITTS AND NEVIS	Ministry of Health	Mr. Andy Skerritt, Ministry of Health, P.O. Box 236, Basseterre, St. Kitts and Nevis Email: <a href="mailto:andyskerritt@yahoo.com">andyskerritt@yahoo.com</a>
JAMAICA	National Environmental and Planning Authority (NEPA)	Environmental Officer NEPA, 10 Caledonia Avenue, Kingston 5, Jamaica (876) 754 75 40 Email: <a href="mailto:competentauthority@nepa.gov.jm">competentauthority@nepa.gov.jm</a>
CUBA	Enrique Moret Hernandez, Director	International Affairs Department, Ministry of Science, Technology & Environment Calle 18A #4118 e/ 41 y 47 11300, Havana, Cuba (537) 214 4256 Email: <a href="mailto:emoret@citma.cu">emoret@citma.cu</a>
DOMINICA	Ministry of Agriculture and the Environment	Mr. Lloyd Pascal Roseau Fisheries Complex Building, Dame Mary Eugenia Charles Boulevard, Roseau, Dominica (767) 266 5256 Email: <a href="mailto:ecu@dominica.gov.dm">ecu@dominica.gov.dm</a>
SURINAME	Ministry of Labour, Technological Development and Environment	Ms. Shelley Soetosenojo, Deputy Director Environmental Policy Monitoring Directorate of Environment, Ministry of Labour, Technological Development and Environment

		Prins Hendrikstraat 17, Paramaribo, Suriname (011) 597-420960 <a href="mailto:shelley.soetosenojo@atm.gov.sr">shelley.soetosenojo@atm.gov.sr</a> / <a href="mailto:srsoet@yahoo.com">srsoet@yahoo.com</a>
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