



Environmental Programme 2022 - 2026

“Safeguarding society through environmental sustainability.”

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VOLUNTEER

FOREWORD

The year 1963 will always be remembered as a momentous year for natural disasters and humanitarian action in Trinidad and Tobago's history. In August, the Trinidad and Tobago Central Council Branch of the British Red Cross was incorporated as a national society and officially became the Trinidad and Tobago Red Cross Society (TTRCS). Later in October, Hurricane Flora passed over the country with disastrous consequences for Tobago. Some two-thirds of all homes were destroyed or damaged; 17 people died; and crop and property losses totalled the equivalent of US\$257 million in 2021-dollars. It was an unprecedented time, and the newly minted TTRCS was there at the frontlines to provide relief and rehabilitative service to our countrymen.

In 2021, Trinidad and Tobago – and the world – finds itself at another unprecedented time. The COVID-19 pandemic has encumbered almost every aspect of life from education to food security. The quality of the natural environment upon which livelihoods depend is in decline. Moreover, the planet nears a critical threshold in its carbon budget after which Trinidad and Tobago is likely to experience natural hazards at a frequency and magnitude that may dwarf even the mighty Flora.

In response, the TTRCS has risen to the challenge and developed its Environmental Programme 2022 – 2026. Our five-year programme is aptly themed “*safeguarding society through environmental sustainability*” in recognition of the fact that humanitarian crises can be catalysed by natural disasters and exacerbated by existing environmental conditions. It will shift the TTRCS from being an organisation that is reactive to environmental hazards to one that is proactive in building resilience, reducing climate risks, and protecting livelihoods. By



Ms. Jill Debourg,

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leveraging its strengths as a lightning rod for volunteerism, community-based action, and institutional partnerships, the TTRCS has positioned itself to be an exemplar of how the “third sector” can drive climate action and environmental sustainability.

Sixty-odd years since its incorporation, the organisation finds itself at the frontlines yet another of precarious environmental crisis. Through this environmental programme we will expand our legacy of alleviating human suffering by ensuring that human vulnerabilities and environmental impacts are reduced before, during and after crisis events. It is an ambitious effort. However, it is one we proudly champion as we remain committed to our ethos of being *people-focused, mission-based, and community-driven* in creating a nation where present and future generations are empowered, resilient and self-reliant.

ACKNOWLEDGEMENTS

The Trinidad and Tobago Red Cross Society expresses its deepest appreciation to everyone who supported the development of this Environmental Programme for 2022 – 2026.

We recognize our extraordinary staff, committed volunteers, dedicated principals and teachers who comprise our youth engagement network, and our national partners who gave of their time and knowledge through the consultation process. We are especially thankful for the technical guidance and financial support provided by the International Federation of Red Cross and Red Crescent Societies in preparing this milestone document.

Thank you.

TRINIDAD AND TOBAGO

RED CROSS SOCIETY

ENVIRONMENTAL

PROGRAMME

2022 - 2026

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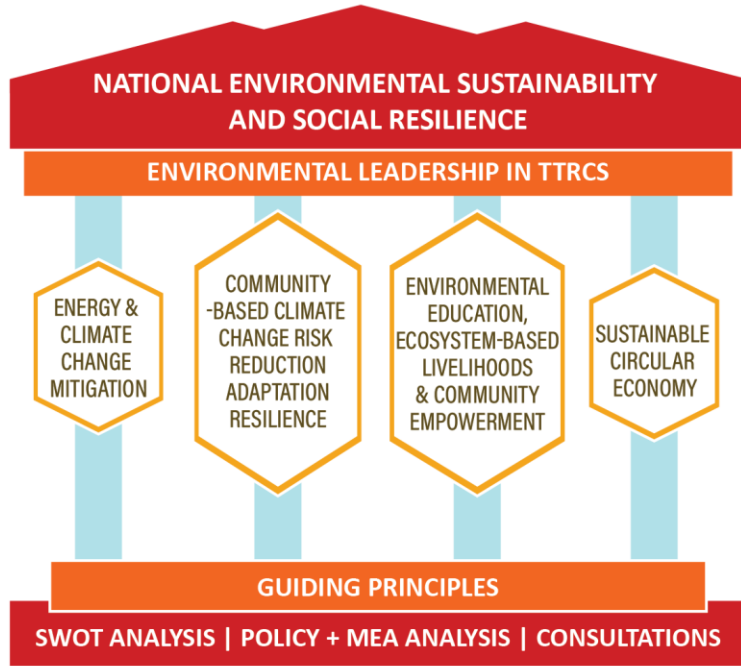
LIST OF ACRONYMS AND ABBREVIATIONS

CADRIIM	Caribbean Disaster Risk Reference Centre
CANARI	Caribbean Natural Resources Institute
CCA	Climate Change Adaptation
CCRIF-SPC	Caribbean Catastrophe Risk Insurance Facility – Segregated Portfolio Company
CCSA	Caribbean Climate Smart Accelerator
CDKN	Climate and Development Knowledge Network
CDB	Caribbean Development Bank
CDM	Comprehensive Disaster Management
COP 26	26 th Conference of Parties to the United Nations Framework Convention on Climate Change
COPE	Council of Presidents for the Environment.
CZITT	Carbon Zero Institute of Trinidad and Tobago
DRR	Disaster Risk Reduction
EMA	Environmental Management Authority
ESMF	Environmental and Social Management Framework
ESMP	Environmental and Social Management Plan
ESS	Environmental and Social Safeguards
eVCA	Enhanced Vulnerability and Capacity Assessment
GCCA+	Global Climate Change Alliance
GCF	Green Climate Fund
GEF	Global Environment Facility
GEF-SGP	Global Environment Facility – Small Grants Programme
GHG	Greenhouse Gas
GISSTT	Geographical Information System Society of Trinidad and Tobago
IADB	Inter-American Development Bank
ICARE	National Recyclable Solid Waste Collection Project
ICRC	International Committee of the Red Cross
ICT	Information and Communication Technology
IFAD	International Fund for Agricultural Development
IFC	International Finance Corporation
IFRC	International Federation of Red Cross and Red Crescent Societies.
IKI	International Climate Initiative
IUCN	International Union for the Conservation of Nature
IWECO	Integrating Water Land and Ecosystem Management Project.
MPD	Ministry of Planning and Development
ODPM	Office of Disaster Preparedness and Management
PASSA	Participatory Assessment of Safe Shelter Awareness
RCRC	Red Cross and Red Crescent Movement
SWOT	Strengths, Weaknesses, Opportunities and Threats
TTGF	Trinidad and Tobago Green Fund
TTRCS	Trinidad and Tobago Red Cross Society.
UTT	University of Trinidad and Tobago
UWI	University of the West Indies



ENVIRONMENTAL PROGRAMME 2022-2026

[AT A GLANCE]



Established on a bedrock of technical assessment and stakeholder engagement, this Environmental Programme 2022-2026 establishes four pillars of work to make the Trinidad and Tobago Red Cross Society an exemplar in environmental leadership and a driving force in building national environmental sustainability and social resilience.

THEMES COVERED

- Public Education
- Green Economy
- Food Security
- Energy Efficient Conservation & Renewable Energy
- Disaster Risk Reduction
- Recycling
- Resilience
- Climate Change Adaptation & Mitigation

PROGRAMME BY NUMBERS

4 
GOALS

18 
OBJECTIVES

61 
ACTIVITIES

30+ 
POTENTIAL PARTNERSHIPS

\$1.196M 
USD ESTIMATED COST

41 
NEP 2018 ALIGNMENT

100k+ 
BENEFICIARIES

16 
DONORS IDENTIFIED

145 
KPIs

EXECUTIVE SUMMARY

“Safeguarding society through environmental sustainability”

ANTICIPATED PROGRAMME MILESTONES

- ▶ **2023**
 - All TTRCS-supported primary and secondary schools will have access to education materials regarding renewable energy, energy efficiency and low-emissions lifestyles.
 - The capacity to deliver enhanced vulnerability and capacity assessments eVCA through a community-based participatory process will be built within the TTRCS and the humanitarian sector.
 - E-learning courses to certify persons in first aid, disaster response and eVCA developed and available online.
 - Solid waste produced/sent to land fill at TTRCS branches will be reduced by at least 50%.

- ▶ **2024**
 - TTRCS established as the national ‘humanitarian hub’ for climate change adaptation and disaster risk reduction.
 - A Comprehensive Resilience Building Strategy for transforming 1 highly vulnerable city/town into a model city/town developed.
 - The capacity of communities to understand and adapt to climate change and reduce disaster risk is strengthened.
 - A culture of recycling is mainstreamed through all TTRCS public-facing efforts.

- ▶ **2025**
 - All TTRCS facilities will be carbon neutral.
 - 10 vulnerable, low-income homes will have their energy and water security enhanced.
 - No less than 1000 trees will be planted by TTRCS-supported communities, volunteers, staff and youth champions.
 - At least 5 ecosystem-based and environmentally friendly entrepreneurs will be nurtured by the TTRCS.
 - Wastage through its logistics and supply chain reduced through model sustainable procurement practices.

- ▶ **2026**
 - The TTRCS will have a Carbon Neutral Vehicle Fleet.
 - At least one community-based workshop on practical DSM techniques to reducing energy consumption held.
 - 40 communities will supported through eVCA Resilience Plans and Resiliency Training.
 - The food security and ability to develop entrepreneurial ecosystem-based livelihoods among vulnerable communities are enhanced.

REQUIRED CAPACITY NEEDS



**SUSTAINABILITY
COORDINATOR**



**MONITORING AND
EVALUATION
FUNCTION**



**SOCIAL SAFEGUARD
& GENDER
SPECIALISATION**

A PRINCIPLED NATIONAL SOCIETY

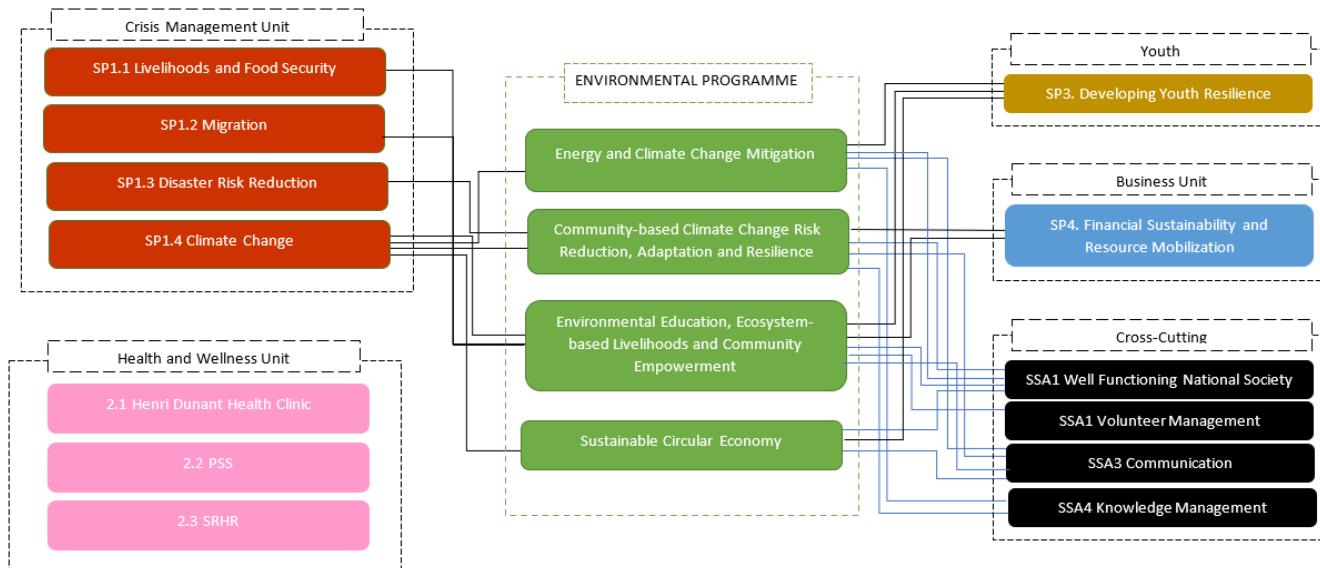
In response to the unprecedented environmental challenges unfolding the world over, the Trinidad and Tobago Red Cross Society (TTRCS) has prepared this Environmental Programme 2022 – 2026. This programme is guided by a trio of principles distilled from robust consultations between staff and stakeholders of the national society: *“Do no harm. Do better. Do well.”* It shall reduce the impact of the national society’s operations and humanitarian response on the environment; actively restore the environment and foster a more environmentally responsible citizenry; and exploit opportunities for green business growth to ensure the TTRCS’ continued independence and sustainability.

The world continues to change rapidly, and so this programme must be considered a living document. As a programme nested within the Trinidad and Tobago Red Cross Society, the modification of this programme should be done in accordance with the TTRCS’ seven core principles and the 11 principles of the 2018 National Environmental Policy of Trinidad and Tobago.

AN INTERCONNECTED EFFORT

The Environmental Programme 2022 – 2026 has high synergy with the other programmes and strategic aims of the TTRCS. Its four pillars of work intersect with the activities of multiple departments. Thus, this programme requires that its objectives are understood and pursued by all units, volunteers, and stakeholders.

Figure: A Schematic Representation of the Interconnectivity of the Environmental Programme 2022 - 2026



Altogether, this programme realizes change at the organisational level as well as the national level. The TTRCS shall become a carbon neutral, ecologically conscious organisation, and a note of green influence throughout its supply chain. It will also become a driver of national sustainability through community-based action.

EXECUTIVE SUMMARY

THE VALUE WITHIN

Table: Summary of the estimated value of the Environmental Programme 2022 - 2026

Pillar	In-Kind*	Self-Funded*	External Requested*	Total
Full-time Sustainability Unit	-	-	USD \$267,692.31 TT \$1,740,000.00	USD \$267,692.31 TT \$1,740,000.00
1 – Energy and Climate Change Mitigation	USD \$21,163.60 TT \$137,563.40	USD \$2,300.00 TT \$14,950.00	USD \$712,775.00 TT \$4,633,0375.50	US \$736,238.60 TT \$4,785,550.90
2 - Community-based Climate Change Risk Reduction, Adaptation and Resilience	USD \$23,158.50 TT \$150,530.25	-	USD \$105,800.00 TT \$687,700.00	USD \$128,958.50 TT \$838,230.25
3 - Environmental Education, Ecosystem-based Livelihoods and Community Empowerment	USD \$5,577.60 TT \$6,254.40	USD \$5,494.40 TT \$35,713.60	USD \$38,940.00 TT \$253,110.00	USD \$50,012.00 TT \$325,078.00
4 - Sustainable Circular Economy	USD \$3,916.80 TT \$25,459.20	USD \$600.00 TT \$3900.00	USD \$8,850.00 TT \$57, 525.00	USD \$13,366.80 TT \$86,884.20
Complete Environmental Programme	USD \$53,816.50 TT \$319,807.25	USD \$8394.40 TT \$54, 563.60	USD \$1,134,057.31 TT \$7,371,372.52	USD \$1,196,268.21 TT \$7,775,743.35

*'In kind' = non-cash contributions by TTRCS or its partners; 'self-funded' = paid from TTRCS business earnings; 'External Requested' = sourced through grants, donations, or loans.

FUTURE PROOFING THE PROGRAMME

Each pillar incorporates within its considerations of environmental and social safeguards as well as gender – two project design elements which are becoming a mainstay across all environmental programming. With over 140 indicators to track, this programme also requires significant monitoring and evaluation effort at the project and programme levels. Whereas action can be taken without those dedicated functions existing within the TTRCS, it is most prudent that capacity be built to cater for the medium-long term where such talents would be indispensable. This programme suggests the creation of a dedicated Monitoring and Evaluation function, as well as a full-time sustainability unit.

VOLUNTEER



01. BACKGROUND ON IMPLEMENTING ENTITY

The Trinidad and Tobago Red Cross Society (TTRCS) is a non-profit organisation incorporated under law to serve as a humanitarian auxiliary to the government of Trinidad and Tobago. It has traditionally focused its resources on providing communities with disaster preparedness and quality health programmes designed to empower the most vulnerable in society.

The TTRCS is one of 192 national societies, and together with the International Federation of the Red Cross and Red Crescent Societies (IFRC) and the International Committee of the Red Cross (ICRC) form the global Red Cross and Red Crescent (RCRC) Movement. All within the movement share common fundamental principles but are not linked hierarchically. Thus, the TTRCS is an autonomous organisation that carries out humanitarian activities within the context of its own rules, national policies, and laws.

Section 5 of the *Red Cross Society (Incorporation) Act, 1963*, details the governance structure of the TTRCS. The TTRCS is controlled and administered by a Governing Council comprised of 36 members, some elected and some appointed. An Executive Committee comprised of 15 of the Governing Council's members is responsible for governing the Trinidad and Tobago Red Cross Society when the Council is not in session. The TTRCS uses a branch-focused model of working with technical support provided by headquarters. The TTRCS has branches in Port-of-Spain, San Fernando, and Scarborough, Tobago. The work of the TTRCS is undertaken by a staff of approximately 100 persons and a network of over 1000 volunteers with the support of the IFRC and multiple national-level public, private and non-governmental sector partners.

The TTRCS uses a *social enterprise* model for financing its activities allowing it to 'do well while doing good'. An In-house Finance Unit shoulders the fiduciary responsibility of the organisation. Funds are raised through a combination of donor-supported projects, and income generated through first aid training and ambulance services provided by the Business Unit. Staff salaries are not purely project dependent and as such, the TTRCS is able to retain specialist skills and institutional knowledge even after specific projects have ended. As a result of this, the organisation retains strong project management competence from its legacy of projects conservatively estimated at over US\$2 million annually.

02. RATIONALE FOR AN ENVIRONMENTAL PROGRAMME

The natural and built environment is inextricably linked to humanitarian action in three ways. Firstly, the quality of the land, air, water, and biological diversity often underly human livelihoods, vulnerability and recovery-capacity to humanitarian crises. Secondly, humanitarian crises can intensify pressures on the environment if risks are not anticipated or poorly managed. Thirdly, increased risks of severe natural hazards because of global climate change demands faster, more effective, and extensive humanitarian relief.

Recognizing the mutually reinforcing relationship between environmental quality and humanitarian action, the TTRCS has sought to develop an environmental programme that: (i) leverages its strengths, (ii) bolsters its weaknesses, (iii) capitalizes on opportunities emerging in the global environmental landscape, and (iv) leverages partnerships to minimize threats and enhance synergies. *Figure 1* summarizes the TTRCS S.W.O.T. Analysis.

Figure 1 - SWOT Analysis of the TTRCS undertaking an Environmental Programme

<p>STRENGTHS</p> <ol style="list-style-type: none"> 1. Legacy of community-based action. 2. Strong base of volunteers. 3. Strong network of enthusiastic teachers and principals willing to incorporate environmental programmes into schools. 4. Enthusiastic, creative, and dedicated staff. 5. Strong network of public, private, and civil society partnerships locally and internationally. 6. Provision of first aid and emergency response services. 7. Participatory vulnerability and capacity assessments. 8. Strong Project Management resources internally. 9. Technical Support from the IFRC. 10. Solid geographic distribution of offices and an office-based approach to implementation. 11. Sustainable financing model that allows for staff retention. 12. Clear strategic and operational plans. 13. Strong, recognizable brand. 	<p>WEAKNESSES</p> <ol style="list-style-type: none"> 1. Lack of dedicated in-house: <ul style="list-style-type: none"> ○ technical capacity on climate change, environment, or sustainability. ○ Monitoring and Evaluation Function. ○ Environmental and Social Safeguard Function. ○ Gender function. 2. Existing Business contracts in need of revision/ Training Services hampered by the national response to the COVID-19 pandemic. 3. Limited Geographic Information System (GIS) and knowledge management capabilities. 4. Limited marketing and sales on merchandise. 5. Enhanced Vulnerability and Capacity Assessment (eVCA) approach constrained by lack of Information and Communication Technology (ICT)
<p>OPPORTUNITIES</p> <ol style="list-style-type: none"> 1. Development of TTRCS digital products for training and certification. 2. Strong international mandate and need to focus on climate change adaptation, disaster risk reduction and anticipatory action. 3. Strong Carnival Brand with the Red Cross Children's Carnival (Kiddies' Carnival). 4. Growing need for opportunities to attain food security. 5. Eager school network willing to adopt climate change and environmental programmes. 6. Nascent Knowledge Hubs in need of strong partnerships for inputs: Climate Change Transparency System (MPD) and CDM Knowledge Management System (ODPM). 7. Strong national recycling programme (ICARE), carbon offset programming (CZITT) and community gardening programmes (Sunbeam foundation) in need of partnerships and co-financing. 8. Emerging regional funds for biodiversity (Caribbean Biodiversity Fund) emphasizing Ecosystem-based adaptation. 9. Global financial flows focusing on climate change adaptation and mitigation. 	<p>THREATS</p> <ol style="list-style-type: none"> 1. COVID 19 pandemic has constrained in-person activities and community gatherings. These limits return to schools, on-the-ground action, and volunteerism. 2. Impending Comprehensive Disaster Management Policy and Law will centralize DRR knowledge with the ODPM. 3. National Climate Transparency system has onerous requirements for GHG inventory and mitigation rigor. 4. Impending COP26 may significantly alter the climate change landscape. 5. Habitat for Humanity utilizes a Participatory Approach for Safe Shelter Awareness (PASSA) like the eVCA and has persisted throughout the pandemic. 6. Habitat for Humanity and ODPM have similar mandates and approaches re: community resilience and community-based action. 7. Several established actors (ICARE, CZITT, Sunbeam RESCOTT Charitable Foundation etc.) have dominance in thematic areas of an environmental programme viz. recycling, tree planting, community gardening, rural RE.

In addition to the intuitive and moral basis of adopting an environmental programme, there exist legislative, institutional and policy imperatives of the TTRCS. Some of the overarching considerations include, but are not limited to:

1. Legislative Alignment.

Section 4(a) and 4(d) of the *Red Cross Society (Incorporation) Act, 1963* states, the organisation’s “purpose” as, *inter alia*, ‘to prevent and alleviate suffering’ and ‘to carry on and assist in the work of improvement of health, the prevention of disease and the mitigation of suffering’. The connection between environmental quality and health, disease and suffering are well established and thus an environmental programme is a natural alignment.

The statutory establishment of the TTRCS also categorizes it as a “governmental entity” under the *Environmental Management Act Chap. 35:05*. The TTRCS thus falls under the remit of Section 31 of the EM Act which mandates “all other governmental entities shall conduct their operations and programmes in accordance with the National Environmental Policy”. To satisfy this legal requirement, an environmental programme is essential.

2. Policy Alignment

In addition to the *2018 National Environmental Policy*, the TTRCS acknowledges the importance of all sectors addressing global climate change if the planet is to achieve carbon neutrality before 2100. Although the humanitarian sector is not explicitly referenced in the *2011 National Climate Change Policy* or the country’s *2015 – 2030 Nationally Determined Contributions, National Adaptation Plan, or Long-Term Low-Emissions Strategy*, this environmental programme is aligned with their broad commitments of reducing national emissions, enhancing nature-based carbon sinks, and prioritizing short term adaptation while building long-term resilience. Consideration is also given to the *2022 -2026 Country Work Programme for Disaster Risk Reduction* and the *Comprehensive Disaster Risk Management Policy Framework* as overarching national documents that guide the disaster response sector.

3. Multilateral Environmental Agreement Alignment

Trinidad and Tobago’s *National Development Strategy (Vision 2030)* is aligned with the United Nations 2030 Agenda for Sustainable Development (UN SDGs) and as such, an environmental programme details the TTRCS’ thrust towards national development. *The Sendai Framework for Disaster Risk Reduction 2015- 2030*, and the global goals for adaptation set under the *Paris Agreement* of the United Nations Framework Convention on Climate Change also call for community-based response which is supported through this environmental programme.

4. Institutional Alignment.

An environmental programme for the TTRCS cements its commitments to the environmental and climate change agendas of the RCRC Movement as articulated by the *2021 Climate and Environment Charter for Humanitarian Organisations*, the *IFRC Strategy 2030*, *2019 IFRC Secretariat Environmental Policy*, *2014 Green Response Initiative* of the IFRC and national societies.

03. ENVIRONMENTAL PROGRAMME 2022 – 2026

3.1 Guiding Principles

Environmental change occurs rapidly and can manifest itself in difficult and complex ways over time. Although this programme identifies the activities thought to be most appropriate given our best present judgement, they may not be suitable if circumstances change. Thus, this 5-year programme is designed and shall be adapted based on internationally recognized, flexible principles. Section 31 of the *Environmental Management Act Chap 35:05* legally binds the TTRCS to the environmental governance principles of the *2018 National Environmental Policy*:

*“... [The Government] commits that all **environmental or environment-related laws, policies, programmes, actions** and institutions shall be guided by the following principles and concepts:*

1. *Sustainable Development, Integration, and Interdependence.*
2. *Inter-generational and Intra-generational equity.*
3. *Responsibility to avoid Transboundary Harm.*
4. *Prevention.*
5. *Transparency, Public Participation and Access to Information and Remedies.*
6. *Polluter Pays Principle.*
7. *Precautionary Principle.*
8. *Co-operation, and Common but Differentiated Responsibilities”*
9. *Rights of Indigenous Peoples & Local Communities*
10. *Common Heritage and Common Concern for Humankind.*
11. *Good Governance”.*

This environmental programme is guided by a trio of TTRCS-coined environmental principles developed through consultations. These are:

1. *“Do No Harm.”*

This refers to the expanded interpretation of the RCRC Movement’s “Do No Harm” Principle as articulated in the *2014 Green Response Initiative* and *2019 IFRC Secretariat Environmental Policy*. The TTRCS shall avoid any unintended social or environmental consequences of its humanitarian action and shall actively seek to protect the environment.

2. *“Do Better.”*

The TTRCS has resolved that its environmental programme shall go beyond protection but also include measures to proactively restore the environment, reverse economic inefficiencies that create pollution, and nurture an environmentally responsible society.

3. *“Do Well.”*

As far as practicably possible, and without detriment to the vulnerable served, the environmental programme shall prioritize action with financial co-benefits for the TTRCS so that the organisation can maintain its continued independence and sustainability.

As a programme within the TTRCS, it is also governed by the RCRC Movement core principles of *Humanity, Impartiality, Neutrality, Independence, Voluntary Service, Unity and Universality*.

THE 7 FUNDAMENTAL PRINCIPLES OF THE RCRC MOVEMENT



Humanity

The Movement strives to alleviate human suffering, ensure respect, promote mutual understanding, cooperation and lasting peace.



Impartiality

Zero discrimination in the endeavours of the Movement.



Neutrality

The Movement does not 'take sides' in any hostile or controversial situation, so that all can be assisted.



Independence

The Movement maintains its autonomy, although being associated with governments. They can therefore act in accordance with the Movement's principles.



Voluntary Service

A voluntary relief movement without the motive of personal gain.



Unity

To ensure that the Movement carries out its duties in a harmonised manner throughout the territory, one society exists for Trinidad & Tobago.



Universality

All societies worldwide share equal status and help each other to achieve their duties.

3.2 Overview: A Multi-Dimensional Programme

Established on a consultative approach, analysis of the shifting national and global landscape, and a SWOT analysis of the TTRCS, this programme has identified **four pillars** of work. These pillars are:

1. Energy and Climate Mitigation.
2. Community-based Climate Risk Reduction, Adaptation, and Resilience.
3. Environmental Education, Ecosystem-based Livelihoods and Community Empowerment.
4. Sustainable Circular Economy.

The pillars represent clusters of objectives and activities co-developed with the staff, volunteers, youth network and stakeholders of the TTRCS, including the ODPM and IFRC. Activities have been grouped to align with donor funding interests so that this environmental programme – in whole or in part – can be conveniently submitted for funding. Notwithstanding, the pillars are not mutually exclusive. Cross-cutting themes include renewable energy, public education and awareness, gender, climate change, disaster risk reduction, food security, green economy, recycling, and pollution reduction.

Combined the pillars create transformative change that exemplify the commitments of the *2021 Climate and Environment Charter for Humanitarian Organisations* at the organisational level of the TTRCS, and at the wider national level. Activities conducted across the pillars will lead to:

1. Environmental Leadership in TTRCS' Operations

The TTRCS will be a model of environmental leadership in the humanitarian sector. It will become carbon neutral, be well informed in environmental issues and be critical to national knowledge management with regards to community-based adaptation and disaster risk reduction.

2. National Environmental Sustainability and Social Resilience.

The TTRCS will be a driver for climate action and environmental sustainability nationally. It will leverage partnerships to enhance food security, educate, and build social and environmental resilience across Trinidad and Tobago.

Figure 2 provides a schematic representation of the “house of environmental programming” at the TTRCS.

Environmental issues and challenges overlap all aspects of work. Elements of this environmental programme for the TTRCS intersect with other TTRCS programmes and strategic priorities articulated in the *2019 – 2021 Strategic Framework* and *2021 Operational Plan*. This is perceived at the TTRCS as an opportunity rather than a weakness as it ensures that all units, branches, and programmes of work incorporate environmental action into their work streams and are aware of the organisation’s wider environmental objectives. The implementation of this programme will not result in duplication of effort, but rather reinforcement of synergies.

Figure 3 illustrates synergies between the four pillars of the TTRCS environmental programme and the strategic priorities and aims of the TTRCS.

Figure 2 – Schematic Representation of the “House of Environmental Programming”

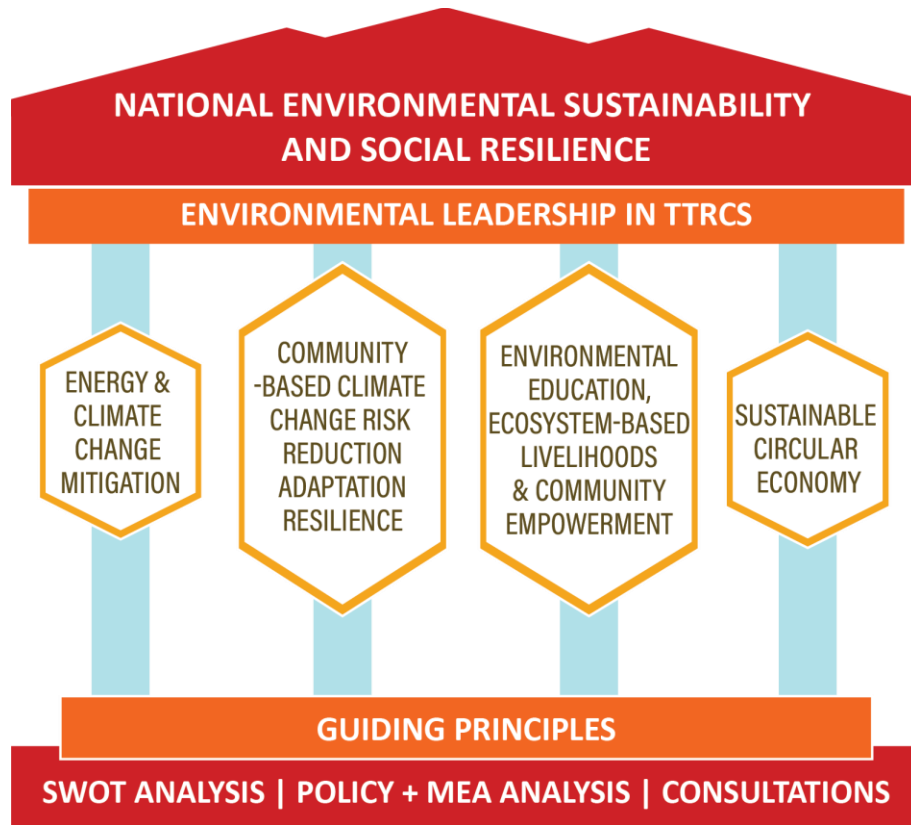
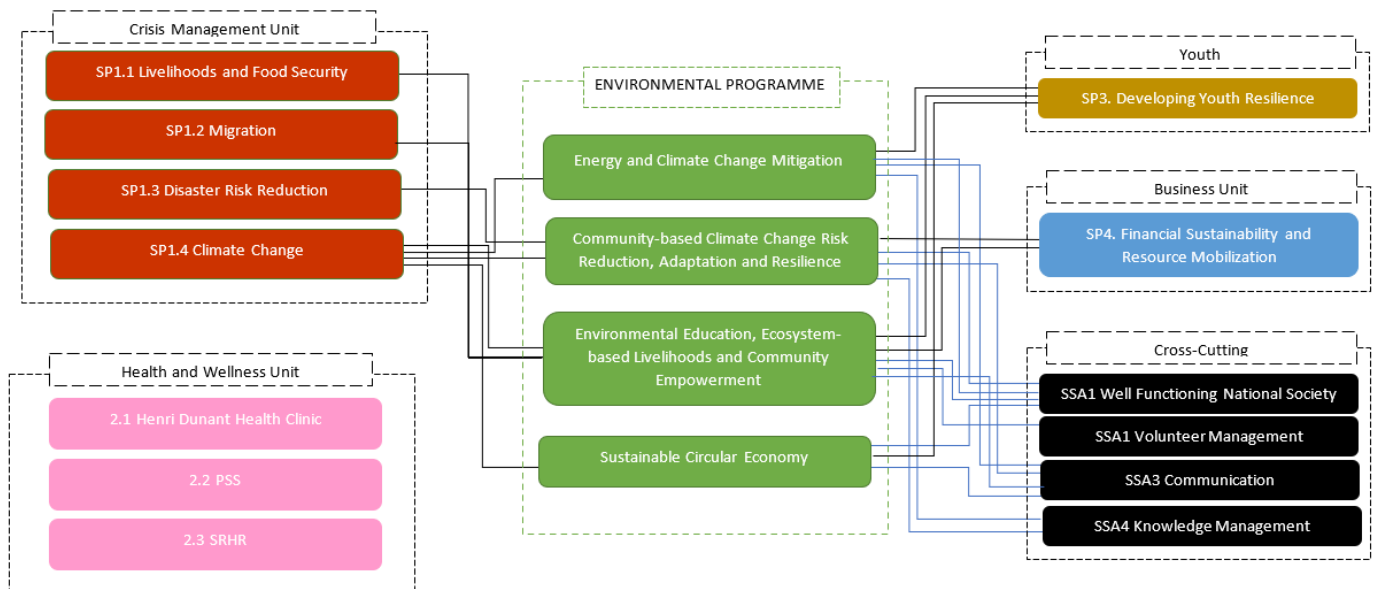


Figure 3 - Interconnectivity of TTRCS' Programmes



3.3 Pillar 1: Energy and Climate Change Mitigation

Climate Change poses an existential threat to people and the planet. The science is unambiguous: human activities have driven an increase in atmospheric greenhouse gases to a concentration only seen 3.6 million years ago, and unless the global community achieves carbon neutrality before 2100, there will be unprecedented losses for all. It is imperative therefore that all individuals, organisations, and governments transition to renewable energy, reduce their consumption of non-renewables, and offset emissions that cannot be avoided.

This pillar of the TTRCS' 2022 – 2026 Environmental Programme sets the ambitious goal of decarbonizing the national society's operations and the communities it serves. To this end, the pillar contains 5 programmes of work (sets of activities) with complementary objectives for national decarbonization.

The total cost of implementing this pillar of the programme is conservatively estimated to be **US\$736,238.60 (TT\$4,785,550.90)** which would be met through a combination of external financing, in-kind, and internal allocations. During project preparation, it is anticipated that project figures would be refined in greater detail. Co-financing for this project would be sought from the following entities with an interest in this area of work:

- Global Climate Change Alliance (GCCA+), Climate and Development Knowledge Network (CDKN), Inter-American Development Bank (IDB), Green Fund of Trinidad and Tobago, Caribbean Climate-Smart Accelerator (CCSA), Scotiabank Trinidad and Tobago Foundation, International Climate Initiative (IKI), Global Environment Facility (GEF), Global Environment Facility – Small Grants Programme (GEF-SGP), Green Climate Fund (GCF).

3.3.1 Goal and Objectives

Goal: Decarbonize Trinidad and Tobago Red Cross Society's Operations and the communities it serves.

Objectives and Activities:

- By 2025, All TTRCS Facilities will be carbon neutral.
 - Conduct energy audits of all facilities and prepare action plans.
 - Implement energy efficiency and conservation measures across all offices.
 - Conduct RE capacity assessments of all facilities.
 - Installation of RE infrastructure on TTRCS facilities.
 - Quantify Carbon footprint of TTRCS facilities and non-fleet operations.
 - Participate in Carbon-offset scheme to neutralize fugitive and unavoidable emissions.
- By 2026, The TTRCS will have a Carbon Neutral Vehicle Fleet.
 - Assessment of fleet emissions and preparation of Emissions Reduction Strategy.
 - Conversion of at least 50% of Ambulance Fleet to electric.

- Installation of Electric Vehicle (EV) charging Stations at TTRCS Facilities.
- By 2025, no less than 1000 trees will be planted by TTRCS-supported communities, volunteers, staff, and youth champions.
 - Prepare School education packages tailored to primary and secondary school levels.
 - Train-the-trainer workshops focused on teachers and community leaders.
 - Host Annual “Tree Champion” award for individuals/schools/groups that (a) planted the most that year and (b) have the most surviving trees from previous year.
- By 2023, all TTRCS-supported primary and secondary schools will have access to education materials regarding renewable energy, energy efficiency, low-emissions lifestyles, and ways to practical residential demand-side management (DMS) techniques.
 - Prepare age-appropriate educational material, viz. video materials and activity books, targeting primary and secondary school children to encourage energy efficiency and conservation practices at home.
 - Prepare age-appropriate educational material, viz. video materials and activity books, targeting primary and secondary school children to encourage low-emissions life-style practices.
 - At least 2 train-the-trainer workshops focused on teachers and principals conducted.
- By 2026, Each TTRCS branch will facilitate at least one community-based workshop on practical DSM techniques to reducing energy consumption.
 - Preparation of a Train-the-Trainer manual and guide for empowering TTRCS staff to train community members on proper DMS techniques.
 - Undertake community-based workshops on practical ways of implementing DSM in residential areas.

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3.3.2 Programme Details

Table 1 - Activities, Outputs and Outcomes for 'Energy and Climate Change Mitigation'

ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
<i>Objective: By 2025, the Trinidad and Tobago Red Cross Facilities will be carbon neutral.</i>									
Conduct Energy Audits of all 4 TTRCS Facilities and Preparation of an Action Plan.	2 months	<ul style="list-style-type: none"> • Certified ESCO consultant with requisite equipment and transport. • At least 3 consultations with staff. • Electricity bills for each facility. 	<ul style="list-style-type: none"> • 4 preliminary facility energy audits. • At least 3 consultations with staff to identify/validate energy consumption practices. • 1 presentation of findings. • Creation of Action Plan. 	The TTRCS will be aware of the measures required to improve its energy efficiency and reduce its energy costs.	<ul style="list-style-type: none"> • No. of Audits completed. • No. of meetings held. 	• Trinidad and Tobago Red Cross Society.	• RESCOTT LTD.	External, In-kind.	US \$2280.40
Implement energy efficiency and conservation measures across all offices.	2 months	<ul style="list-style-type: none"> • Facility Action Plan. • Additional resources TBD. 	<ul style="list-style-type: none"> • Based on audit report Action Plan. 	All TTRCS facilities will be more energy efficient.	<ul style="list-style-type: none"> • No. of audit action plan activities executed. • Amount of energy (kWh) reduced. 	• Trinidad and Tobago Red Cross Society.	•	External, Self-funded, In-kind.	TBD* <small>(* - dependent on findings from action plan)</small>
Conduct RE capacity assessments of all facilities.	2 months	<ul style="list-style-type: none"> • Consultant(s) w/ requisite equipment and means of transport. 	<ul style="list-style-type: none"> • 4 facility capacity reports. • 1 consultation with management. 	The TTRCS will be aware of the potential and capacity to install and maintain RE at	<ul style="list-style-type: none"> • No. of assessments completed. • No. of meetings held. 	• Trinidad and Tobago Red Cross Society.	• RESCOTT LTD.	External, In-kind.	US \$1326.80.00

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
		<ul style="list-style-type: none"> • 2 consultations with staff. • Facility Action Plans for all TTRCS locations. 	<ul style="list-style-type: none"> • 1 Presentation of findings. • Creation of Action Plan. 	all facilities.					
Installation of RE infrastructure on TTRCS facilities	2 months	<ul style="list-style-type: none"> • Team of electrical engineers/ consultants to manage installation. • Solar PV panels, batteries, and connective infrastructure. • TTEC Inspection certificates. 	<ul style="list-style-type: none"> • The installation of several MW of RE capacity integrated into TTRCS facilities. 	All suitable TRTCS facilities will have installed RE capacity to offset its grid-energy demand.	<ul style="list-style-type: none"> • Amount of MW of RE generation capacity installed. • Amount of MW of RE storage capacity installed. 	<ul style="list-style-type: none"> • Trinidad and Tobago Red Cross Society. 	<ul style="list-style-type: none"> • RESCOTT LTD. 	External, In-kind.	US \$317,576.00
Quantify carbon footprint of TTRCS facilities and non-fleet operations.	2 months	<ul style="list-style-type: none"> • Consultant(s) w/ requisite experience. • Facility level Carbon Footprint Model. • At least 2 consultations with staff. • Electricity bills. • Office appliance information. • Energy consumption data for non-branch 	<ul style="list-style-type: none"> • Carbon footprint report. • Carbon Footprint Model/ Calculator. • 1 presentation of findings. 	The TTRCS will be made aware of measures to reduce its carbon footprint.	<ul style="list-style-type: none"> • Report produced. • Model produced. • No. of meetings conducted. 	<ul style="list-style-type: none"> • Trinidad and Tobago Red Cross Society. 	<ul style="list-style-type: none"> • Advisors Next Door Ltd. 	External, In-kind.	US \$1596.00

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
		sites.							
Participate in carbon-offset scheme to neutralize fugitive and unavoidable emissions.	6 months	<ul style="list-style-type: none"> Data on unavoidable emissions. Nationally recognised Carbon Offset Scheme. Financial Resources. Team comprised of both TTRCS members and volunteers. 	<ul style="list-style-type: none"> TTRCS financial investment into a domestic carbon-offset scheme. TTRCS in-kind/ volunteer investment into a domestic carbon offset scheme. Annual Report/ Certificates validating emission offset. 	Unavoidable emissions generated from TTRCS facilities are certified and validated as being offset through a formal carbon offset programme.	<ul style="list-style-type: none"> Amount of carbon (kg) sequestered through carbon offset scheme per year. 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society. Members of the communities in which offset scheme is established. 	<ul style="list-style-type: none"> CZITT 	External, In-kind.	US \$1843.20
<i>Objective: By 2026 the Trinidad and Tobago Red Cross Society will have a carbon neutral ambulance fleet</i>									
Assessment of ambulance fleet emissions and preparation of Emissions Reduction Strategy.	2 months	<ul style="list-style-type: none"> Consultant(s) w/ requisite equipment and means of transport. Ambulance specifications. Data on ambulance use and routes taken. Gas bills. 	<ul style="list-style-type: none"> 1 fleet emissions report and Emissions Reduction Strategy, including hard and soft technology recommendations for reducing emissions. 1 presentation of findings. 	The TTRCS understands the carbon footprint of its fleet and options for reducing its emissions.	<ul style="list-style-type: none"> No. of vehicles assessed. Report produced. 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society. 	<ul style="list-style-type: none"> Advisors Next Door. 	External, In-kind.	US \$1238.40
Transition of at least 50% ambulance fleet to electric.	24 months	<ul style="list-style-type: none"> Specifications for electric ambulance. 	<ul style="list-style-type: none"> Fully electric ambulance Fleet. Operations 	The TTRCS would now be in possession	<ul style="list-style-type: none"> No. of vehicles converted to electric. 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society. 	<ul style="list-style-type: none"> UTT Ministry of Planning and Development. 	External, In-kind.	US \$200,000.00

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
		<ul style="list-style-type: none"> Manufacturer /vendor. Technical Advice from qualified experts. 	<ul style="list-style-type: none"> manuals for each ambulance. Fully electric ambulance fleet. Training with staff at each office to review the handling of EVs. 	of a partially electric Ambulance fleet.	<ul style="list-style-type: none"> No. of training conducted. No. of operations manuals created. 		<ul style="list-style-type: none"> Ministry of Energy and Energy Affairs. 		
Installation of Electric Vehicle (EV) charging Stations at TTRCS Facilities.	18 months	<ul style="list-style-type: none"> Consultant(s) w/ requisite equipment experience. 2 consultations with staff. Facility plans for all TTRCS locations. Technical Advice from qualified experts. Standards for electrical installations for EV charging. 	<ul style="list-style-type: none"> 2 EV charging stations in Trinidad (POS and San Fernando) 1 EV charging Station in Tobago (Scarborough) Operations manuals for EV charging stations. 	The TTRCS would be in possession of their own EV charging stations to manage their new electric ambulance fleet, their employees' EVs.	<ul style="list-style-type: none"> No. of EV stations created. No. of meetings conducted. No. of operations manuals created. KWh of EV charging capacity per hour. 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society. 	<ul style="list-style-type: none"> RESCOTT LTD. Ministry of Energy and Energy Affairs. 	External, In-kind.	US \$171,576.00
<i>Objective: By 2025, no less than 1000 trees will be planted by TTRCS-supported communities, volunteers, staff, and youth champions</i>									
Prepare school education packages tailored to primary and secondary school levels.	4 months	<ul style="list-style-type: none"> Consultant(s) w/ requisite experience. Team comprised 	<ul style="list-style-type: none"> Education packages containing activities and 	Primary and secondary school children are informed	<ul style="list-style-type: none"> No. of education packages produced. No. of primary 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society. Primary school 	<ul style="list-style-type: none"> Ministry of Education. WhyFarmTT CZITT 	External, In-kind.	US \$2934.40

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
		of TTRCS and Trailblazers members. • 2 consultations with staff.	learning materials for each targeted school level. • 2 consultation reports validating the information in each package.	on the importance of addressing climate change, the role of tree planting and how to plant trees.	school students exposed to education package. • No. of secondary school children exposed to education package. • No. of meetings conducted.	children. • Secondary school children.	• Advisors Next Door Ltd. • Sunbeam Foundation • Fondes Amandes Community Reforestation Project		
Train-the-trainer workshops focused on teachers and community leaders.	4 months	• Facilitator(s) w/ requisite experience. • Seedlings and gardening materials. • Team comprised of TTRCS and Trailblazers members. • 2 consultations with staff. • Teachers and community leaders from all TTRCS-supported communities. • 4 Train-the-trainer virtual workshops	• 2 consultations with staff to validate the material taught to teachers and community leaders. • 4 Train-the-trainer virtual workshops reports.	The community leaders and teachers will be empowered to teach children the importance of planting trees and how to plant trees to address climate change.	• No. of workshops undertaken. • No. of meetings conducted.	• Trinidad and Tobago Red Cross Society. • TTRCS-supported primary and secondary schools. • TTRCS-supported communities.	• CZITT • The Cropper Foundation. • Fondes Amandes Community Reforestation Project. • EMA/IWEcoProject	External, In-kind.	US \$10,892.00

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
		carried out to accommodate all community leaders and teachers.							
Host Annual “Tree Champion” award for individuals/schools/groups that (a) planted the most that year and (b) have the most surviving trees from previous year, or (c) have made other achievements in line with this award.	4 months	<ul style="list-style-type: none"> Team comprised of TTRCS and Trailblazers members. Development of “Tree Champion” competition guidelines. Participating volunteers. Tree saplings to be distributed to volunteers. Physical and digital prizes. Platform to host/stream virtual award ceremony. 	<ul style="list-style-type: none"> “Tree Champion” competition to be carried out every year. 	Individuals, schools, and groups are motivated to plant more trees and to ensure that trees planted are maintained. .	<ul style="list-style-type: none"> No. of “Tree Champion” participants in the categories of individuals, schools, or community groups. No. of trees planted over the course of the competition. Evidence of tree maintenance. 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society. TTRCS-supported primary and secondary schools. TTRCS-supported communities. 	<ul style="list-style-type: none"> CZITT EMA Secondary and primary schools Various community-based organisations Corporate sponsors. 	Self-funded. In-kind.	US \$3528.00
<i>Objective: By 2023, all TTRCS-supported primary and secondary schools will have access to education materials regarding renewable energy, energy efficiency, low-emissions lifestyles and, ways to practical residential demand-side management (DMS) techniques.</i>									
Prepare age-appropriate video materials and activity books targeting primary and secondary school children to	4 months	<ul style="list-style-type: none"> Consultant(s) w/ requisite experience. Videographer. 2 consultations 	<ul style="list-style-type: none"> 2 consultations with staff to validate the information being presented 	Students would be informed and take action to reduce	<ul style="list-style-type: none"> No. of video materials produced. No. of activity books created. 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society. TTRCS-supported 	<ul style="list-style-type: none"> CZITT TT Climate Change Institute EMA The Cropper 	External, Self-funded. In-kind.	US \$5538.00

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

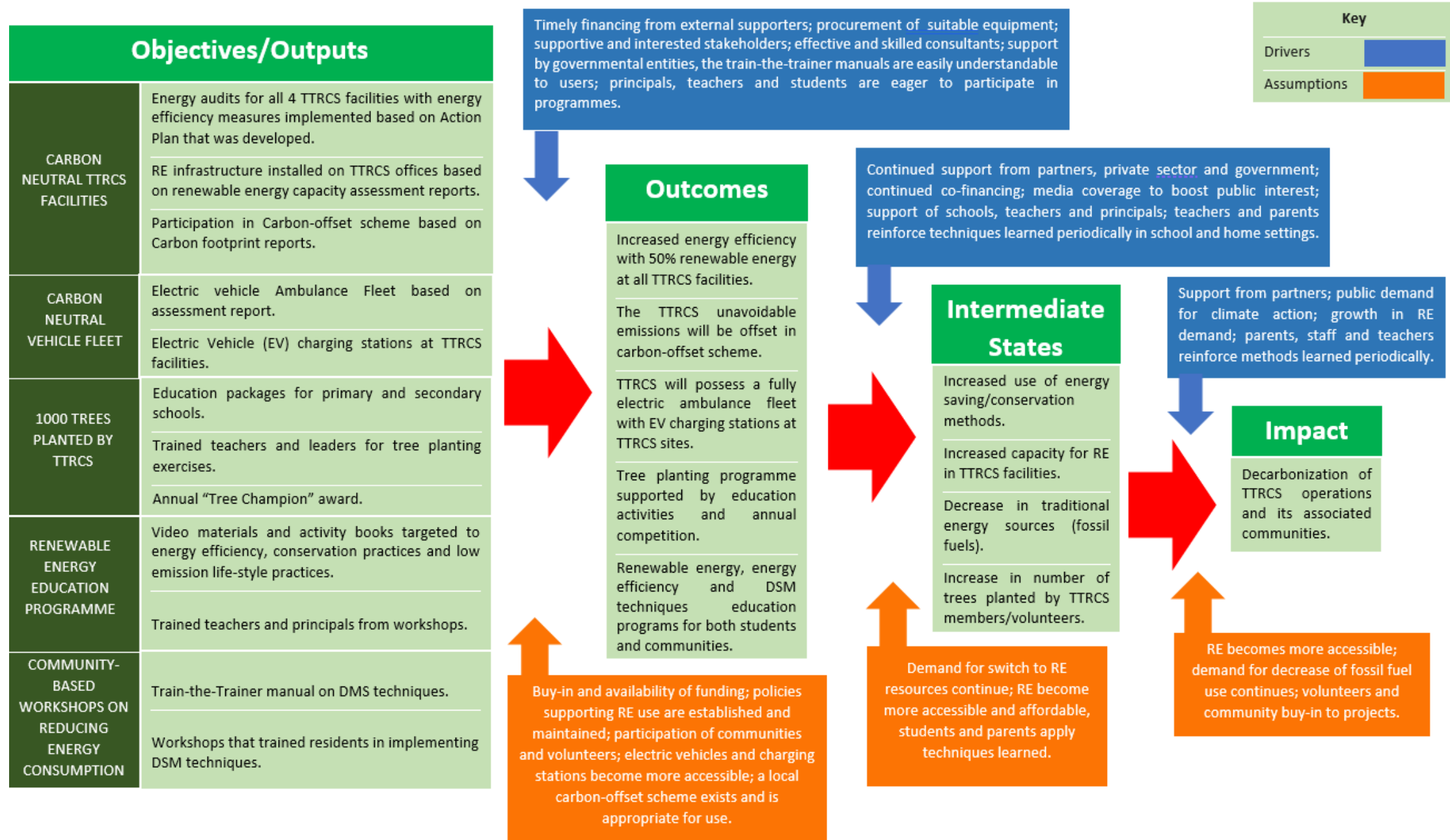
ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
encourage energy efficiency and conservation practices at home.		with staff.	in these media. <ul style="list-style-type: none"> Age-appropriate video materials prepared. Age-appropriate activity e-books prepared. 	electricity consumption at the household level.	<ul style="list-style-type: none"> No. of students engaged with materials. 	primary and secondary schools. <ul style="list-style-type: none"> TTRCS-supported communities. 	Foundation. <ul style="list-style-type: none"> Advisors Next Door Ltd. 		
Prepare age-appropriate video materials and activity books targeting primary and secondary school children to encourage low-emissions life-style practices.	4 months	<ul style="list-style-type: none"> Consultant(s) w/ requisite experience. Videographer. 2 consultations with staff. 	<ul style="list-style-type: none"> Age-appropriate video materials prepared. Age-appropriate activity books prepared. 2 consultations with staff to validate the information being presented in these media. 	Students at the primary and secondary school levels will understand the importance of reducing emissions and ways they can do this through lifestyle practices.	<ul style="list-style-type: none"> No. of video materials produced. No. of activity books created. No. of meetings undertaken. 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society. TTRCS-supported primary and secondary schools. TTRCS-supported communities. 	<ul style="list-style-type: none"> CZITT TT Climate Change Institute EMA The Cropper Foundation. Advisors Next Door Ltd. 	External, Self-funded. In-kind.	US \$5538.00
At least 2 train-the-trainer workshops focused on teachers and principals conducted.	1 month	<ul style="list-style-type: none"> Facilitators w/ requisite experience. Education Materials and Activity eBooks for low-emissions lifestyles and reducing household electricity consumption. 	<ul style="list-style-type: none"> At least 2 train-the-trainer workshops carried out, focused on teachers and principals from TTRCS-supported schools. 	Teachers and Principals in the Youth Network will have the ability to teach students about electricity DSM and low-emissions lifestyles.	<ul style="list-style-type: none"> No. of workshops undertaken. 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society. TTRCS-supported primary and secondary schools. 	<ul style="list-style-type: none"> CZITT Advisors Next Door Ltd. The Cropper Foundation. 	External, In-kind.	US \$3096.00

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
		<ul style="list-style-type: none"> Team comprised of TTRCS and Trailblazers members. 2 virtual workshops. 							
<i>Objective: By 2026, Each TTRCS branch will facilitate at least one Community-based workshop on practical DSM techniques to reducing energy consumption.</i>									
Preparation of a Train-the-Trainer manual and training of TTRCS Staff so that they can train community members on proper DMS techniques.	3 months	<ul style="list-style-type: none"> Consultant(s) w/ requisite experience. 2 virtual training workshops. 	<ul style="list-style-type: none"> Creation of the Train-the-Trainer manual and guide. 2 virtual training workshops. 	The TTRCS will have readily available training materials and capacity for reducing electricity consumption among communities.	<ul style="list-style-type: none"> Completion of training manual and guide, No. of trainings conducted. 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society. TTRCS-supported communities. 	<ul style="list-style-type: none"> Ministry of Energy and Energy Affairs. Ministry of Public Utilities. Advisors Next Door Ltd. 	External, In-kind.	US \$3096.00
Undertake community-based workshops on practical ways of implementing DSM in residential areas.	60 months	<ul style="list-style-type: none"> Staff knowledgeable and equipped to train community members in DSM. Training materials. Community Participants. “Train the Trainer” Manual 	<ul style="list-style-type: none"> Quarterly community-based workshops in a TTRCS-supported community. 	Community residents will have practical skills in reducing their electricity consumption at home and have pledged to do so.	<ul style="list-style-type: none"> No. of workshops executed. No. of households pledged to reduce their electricity demand. 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society. TTRCS-supported communities. 	<ul style="list-style-type: none"> Ministry of Energy and energy Affairs Ministry of Public Utilities. 	In-kind.	US \$6800.00

3.3.3 Theory of Change

Figure 4– Theory of Change for ‘Energy and Climate Change Mitigation’



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3.3.4 Budget

Table 2– Budget for Activities under ‘Energy and Climate Change Mitigation’

Budget Items	Total (USD)	External Requested	Self-Funded	In - Kind
<i>Conduct Energy Audits of all 4 TTRCS Facilities and Preparation of an Action Plan</i>				
ACTIVITY SUB-TOTAL	\$2280.40	\$2150.00		\$230.40
I. Personnel	\$2330.40	\$2100.00		\$230.40
<i>A. Salaries and Wages</i>	\$2330.40	\$2100.00		
(1) Energy Auditor/Consultant @ \$300.00/day x 7	\$2100.00	\$2100.00		
(1) Project Managers @\$9.60/hr x 24 hrs	\$230.40			\$230.40
II. Non-Personnel	\$50.00	\$50.00		
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	\$50.00	\$50.00		
(1) Return Ticket to Tobago @\$50/round trip.	\$50.00	\$50.00		
<i>Implement Energy Efficiency and Conservation Measures Across all Offices</i>				
ACTIVITY SUB-TOTAL	TBD			
I. Personnel	TBD			
<i>A. Salaries and Wages</i>	TBD			
II. Non-Personnel	TBD			
<i>A. Space Costs</i>	TBD			
<i>B. Material Costs</i>	TBD			
<i>C. Installation Costs</i>	TBD			
<i>D. Other Costs</i>				
<i>Conduct RE Capacity Assessments of all facilities</i>				
ACTIVITY SUB-TOTAL	\$1326.80	\$1250.00		\$76.80
I. Personnel	\$1276.80	\$1200.00		76.80
<i>A. Salaries and Wages</i>				
(1) Certified ESCO consultant@ \$300.00/day x 4	\$1200.00	\$1200.00		
(1) Project Managers @\$9.60/hr x 8 hrs	\$76.80			\$76.80
II. Non-Personnel	\$50.00			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

Budget Items	Total (USD)	External Requested	Self-Funded	In - Kind
<i>D. Other Costs</i>	\$50.00	\$50.00		
(1) Return Ticket to Tobago @\$50/round trip.	\$50.00			
<i>Installation of RE infrastructure on TTRCS Facilities</i>				
ACTIVITY SUB-TOTAL	\$317,576.00			
I. Personnel	\$9576.00			
<i>A. Salaries and Wages</i>	\$9576.00			
(1) Certified ESCO consultant@ \$300.00/day x 30	\$9000.00	\$9000.00		
(1) Project Managers @\$9.60/hr x 60 hrs	\$576.00			\$576.00
II. Non-Personnel	\$308,000.00			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
(4) Complete commercial installation packages of 20 – 30 KWh RE systems @\$77,000/system	\$308,000.00	\$308,000.00		
<i>Quantify Carbon footprint of TTRCS facilities and non-fleet operations</i>				
ACTIVITY SUB-TOTAL	\$1596.00	\$1500.00		\$96.00
I. Personnel	\$1596.00	\$1500.00		\$96.00
<i>A. Salaries and Wages</i>	<i>\$1596.00</i>	<i>\$1500.00</i>		
(1) Climate Change Consultant @ \$300.00/day x 5	\$1500.00	\$1500.00		
(1) Project Managers @\$9.60/hr x 10 hrs	\$96.00			\$96.00
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Participate in carbon-offset scheme to neutralize fugitive and unavoidable emissions</i>				
ACTIVITY SUB-TOTAL	\$2218.20	\$375.00		\$1843.20
I. Personnel	1843.20			\$1843.20
<i>A. Salaries and Wages</i>	<i>1843.20</i>			
(1) Project Managers @\$9.60/hr x 192 hrs	\$1843.20			\$1843.20
II. Non-Personnel	\$375.00	\$375.00		
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	\$375.00			

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

Budget Items	Total (USD)	External Requested	Self-Funded	In - Kind
(1) Ton of emission offsets per year @\$75/ton x 5 years.	\$375.00	\$375.00		
<i>Assessment of fleet emissions and preparation of Emissions Reduction Strategy</i>				
ACTIVITY SUB-TOTAL	\$1238.40	\$1200.00		\$38.40
I. Personnel	\$1238.40	\$1200.00		\$38.40
<i>A. Salaries and Wages</i>	<i>\$1238.40</i>	<i>\$1200.00</i>		
(1) Climate change Consultant @ \$300.00/day x 4	\$1200.00	\$1200.00		
(1) Project Managers @\$9.60/hr x 4 hrs	\$38.40			\$38.40
II. Non-Personnel	-			
<i>A. Space Costs</i>	<i>-</i>			
<i>B. Material Costs</i>	<i>-</i>			
<i>C. Installation Costs</i>	<i>-</i>			
<i>D. Other Costs</i>	<i>-</i>			
<i>Conversion of at least 50% of Ambulance Fleet to electric</i>				
ACTIVITY SUB-TOTAL	\$200,000.00	\$200,000.00		
I. Personnel	-			
<i>A. Salaries and Wages</i>	<i>-</i>			
II. Non-Personnel	\$200,000.00	\$200,000.00		
<i>A. Space Costs</i>	<i>-</i>			
<i>B. Material Costs</i>	<i>\$200,000.00</i>	<i>\$200,000.00</i>		
(4) Electric 105 Kw Ambulance vehicles @ \$50,000.00/ambulance	\$200,000.00	\$200,000.00		
<i>C. Installation Costs</i>	<i>-</i>			
<i>D. Other Costs</i>	<i>-</i>			
<i>Installation of Electric Vehicle (EV) charging Stations at TTRCS Facilities</i>				
ACTIVITY SUB-TOTAL	\$171,576.00	\$171,000.00		\$576.00
I. Personnel	-			
<i>A. Salaries and Wages</i>	<i>-</i>			
(1) Certified ESCO consultant@ \$300.00/day x 30	\$9000.00	\$9000.00		
(1) Project Managers @\$9.60/hr x 60 hrs	\$576.00			\$576.00
II. Non-Personnel	\$162,000.00	\$162,000.00		
<i>A. Space Costs</i>	<i>-</i>			
<i>B. Material Costs</i>	<i>-</i>	<i>-</i>		
<i>C. Installation Costs</i>	<i>-</i>	<i>-</i>		
<i>D. Other Costs</i>	<i>\$162,000.00</i>	<i>\$162,000.00</i>		

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

Budget Items	Total (USD)	External Requested	Self-Funded	In - Kind
(3) 105 KWh RE powered EV battery bench with fast charging capability @\$54,000.00/ system	\$162,000.00	\$162,000.00		
<i>Prepare school education packages tailored to primary and secondary school levels</i>				
ACTIVITY SUB-TOTAL	\$2934.40	\$2800.00		\$134.00
I. Personnel	\$2934.40	\$2800.00		\$134.00
<i>A. Salaries and Wages</i>	<i>\$2934.40</i>	<i>\$2800.00</i>		<i>\$134.00</i>
(2) Education consultant@ \$300.00/ a day x 7 days	\$2800.00	\$2800.00		
(1) Project manager@ \$9.60/hour x 14 hours	\$134.40			\$134.40
II. Non-Personnel	-			
<i>A. Space Costs</i>	<i>-</i>			
<i>B. Material Costs</i>	<i>-</i>			
<i>C. Installation Costs</i>	<i>-</i>			
<i>D. Other Costs</i>	<i>-</i>			
<i>Train-the-trainer workshops focused on teachers and community leaders</i>				
ACTIVITY SUB-TOTAL	\$10,892.00	\$3500.00		\$7392.00
I. Personnel	\$3192.00	\$3000.00		\$192.00
<i>A. Salaries and Wages</i>	<i>\$3192.00</i>	<i>\$3000.00</i>		<i>\$192.00</i>
(1) Facilitator @ \$300.00/ a day x 10 days	\$3000.00	\$3000.00		
(1) Project manager@ \$9.60/hour x 20 hours	\$192.00			\$192.00
II. Non-Personnel	\$500.00	\$500.00		\$7200.00
<i>A. Space Costs</i>	<i>-</i>			
(4) Workshop venue rentals at @\$450/day for 4				\$7200.00
<i>B. Material Costs</i>	<i>-</i>			
(100) Tree Planting packs @\$5.00/pack.	\$500.00	\$500		
<i>C. Installation Costs</i>	<i>-</i>			
<i>D. Other Costs</i>	<i>-</i>			
<i>Host Annual "Tree Champion" award for individuals/schools/groups that (a) planted the most that year and (b) have the most surviving trees from previous year</i>				
ACTIVITY SUB-TOTAL	\$3528.80		\$800.00	2728.80
I. Personnel	\$1228.80			
<i>A. Salaries and Wages</i>	<i>\$1228.80</i>			
(1) Project Managers @\$9.60/hr x 128 hrs	\$1228.80			\$1228.80
II. Non-Personnel	\$2300.00		\$800.00	\$1500.00
<i>A. Space Costs</i>	<i>-</i>			
<i>B. Material Costs</i>	<i>\$2300.00</i>		<i>\$800.00</i>	<i>\$1500.00</i>
(6) Prizes @ \$150/prize	\$900.00			\$900.00
(1) Marketing package @\$200/package	\$200.00		\$200.00	
(6) Trophies/Awards @\$200/trophy	\$1200.00		\$600.00	\$600.00

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Budget Items	Total (USD)	External Requested	Self-Funded	In - Kind
<i>C. Installation Costs</i>	TBD			
<i>D. Other Costs</i>	TBD			
<i>Prepare age-appropriate educational materials, viz video materials and activity books, targeting primary and secondary school children to encourage energy efficiency and conservation practices at home</i>				
ACTIVITY SUB-TOTAL	\$5538.00	\$4500.00	\$750.00	288.00
I. Personnel	\$5538.00	\$4500.00	\$750.00	288.00
<i>A. Salaries and Wages</i>	\$5538.00	\$4500.00	\$750.00	\$288.00
(1) Climate Change education consultant@ \$300.00/ a day x 15 days	\$4500.00	\$4500.00		
(1) Videographer \$150/day x 5	\$750.00		\$750.00	
(1) Project manager@ \$9.60/hour x 30 hours	\$288.00			\$288.00
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Prepare age-appropriate educational materials, viz video materials and activity books, targeting primary and secondary school children to encourage low-emissions life-style practices</i>				
ACTIVITY SUB-TOTAL	\$5538.00	\$4500.00	\$750.00	288.00
I. Personnel	\$5538.00	\$4500.00	\$750.00	288.00
<i>A. Salaries and Wages</i>	\$5538.00	\$4500.00	\$750.00	\$288.00
(1) Climate Change education consultant@ \$300.00/ a day x 15 days	\$4500.00	\$4500.00		
(1) Videographer \$150/day x 5	\$750.00		\$750.00	
(1) Project manager@ \$9.60/hour x 30 hours	\$288.00			\$288.00
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Preparation of a train-the-trainer manual and training of TTRCS Staff to train community members on proper DMS techniques</i>				
ACTIVITY SUB-TOTAL	\$3096.00	\$3000.00		\$96.00
I. Personnel	\$3096.00	\$3000.00		\$96.00
<i>A. Salaries and Wages</i>	\$3096.00	\$3000.00		\$96.00
(1) Energy Consultant@ \$300.00/ a day x 10 days	\$3000.00	\$3000.00		
(1) Project manager@ \$9.60/hour x 10 hours	\$96.00			\$96.00
II. Non-Personnel	-			








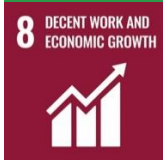

Budget Items	Total (USD)	External Requested	Self-Funded	In - Kind
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Undertake community-based workshops on practical ways of implementing DSM in residential areas</i>				
ACTIVITY SUB-TOTAL	\$6800.00			\$6800.00
I. Personnel	\$4800.00			\$4800.00
<i>A. Salaries and Wages</i>				
(1) Workshop Facilitators/ Teachers @\$80/workshop x 60 workshops	\$4800.00			\$4800.00
II. Non-Personnel	\$2000.00			\$2000.00
<i>A. Space Costs</i>				
<i>B. Material Costs</i>				
<i>C. Installation Costs</i>				
<i>D. Other Costs</i>				
(1) Quarterly marketing package @\$100 per quarter x 20 quarters	\$2000.00			\$2000.00





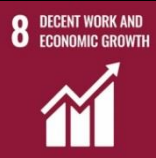



Budget Notes:

- Exchange rates assumed to be 1 USD to \$6.50 TTD
- A 'project manager' within the TTRCS is estimated to earn \$1536 USD per month.
- A cost of \$300 USD/day is used as the minimum cost for an external consultant/ resource.
- Figures are conservative based on best professional judgement and should be refined as a detailed work plan is developed for each activity.
- 'External Requested' refers to grants or loans provided by external parties to the TTRCS.
- 'Self-Funded' refers to cash contributed to the project through the TTRCS' income generated by the business unit.
- 'In Kind' refers to the value of time spent by TTRCS staff, value of TTRCS facilities, or non-monetary donations provided by TTRCS partners.

3.3.5 Programme Alignment

Table 3 - Alignment of 'Energy and Climate Change Mitigation' with Key Policies.

PROGRAMME OBJECTIVES	POLICY LINKAGES	
	2018 NATIONAL ENVIRONMENTAL POLICY	UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS
By 2025, all TTRCS Facilities will be carbon neutral.	<p>Priority Area: Addressing Climate Change & Environmental and Natural Disasters</p> <ul style="list-style-type: none"> • 2.23 (b) – Cooperate with relevant local, regional and international agencies to implement technologies that will sequester, reduce, prevent or control man-made emissions of GHG across all sectors. • 2.23 (j) – Support institutional capacity building in the public, private and non-governmental sector towards emissions reductions, monitoring, verification and reporting. • 2.23 (m) – Strengthen the capacity of public, private and non-governmental actors to undertake energy efficiency interventions including, but not limited to, energy audits, energy-efficient design, and other energy services. • 2.23 (s) – Partner with local, regional and international entities to create an enabling environment for investment into renewable energy research, support services, and projects, including feasibility studies. • 2.23 (u) – Develop and implement, as appropriate, capacity building programmes in collaboration with private and non-governmental actors to enhance renewable energy integration and deployment. 	    
By 2026, The TTRCS will have a carbon neutral vehicle fleet	<p>Priority Area: Protecting Environmental & Human Health through Pollution Control</p> <ul style="list-style-type: none"> • 2.02 (m) – Ensure the development, access to, and use of cleaner and/or alternative forms of fuel for vehicles, vessels and aircraft. <p>Priority Area: Addressing Climate Change & Environmental and Natural Disasters</p> <ul style="list-style-type: none"> • 2.23 (b) – Cooperate with relevant local, regional and international agencies to implement technologies that will sequester, reduce, prevent or control man-made emissions of GHG across all sectors. • 2.23 (j) – Support institutional capacity building in the public, private and non-governmental sector towards emissions reductions, monitoring, verification and reporting. • 2.23 (s) – Partner with local, regional and international entities to create an 	   

PROGRAMME OBJECTIVES	POLICY LINKAGES	
	2018 NATIONAL ENVIRONMENTAL POLICY	UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS
	<p>enabling environment for investment into renewable energy research, support services, and projects, including feasibility studies.</p> <ul style="list-style-type: none"> • 2.23 (u) – Develop and implement, as appropriate, capacity building programmes in collaboration with private and non-governmental actors to enhance renewable energy integration and deployment. 	  
<p><i>By 2025, no less than 1000 trees will be planted by TTRCS-supported communities, volunteers, staff and youth champions</i></p>	<p>Priority Area: Sustainably Managing Natural Assets</p> <ul style="list-style-type: none"> • 2.07 (e) – Continue efforts to prevent soil loss through the development and implementation of programs to afforest, reforest, or otherwise re-vegetate slopes vulnerable to erosion. <p>Priority Area: Fostering an Environmentally Responsible Society</p> <ul style="list-style-type: none"> • 2.20 (a) – Continue to introduce environmental education from pre-school age to adulthood, for both formal and informal sectors, with the goal of providing knowledge of both local and global environmental issues as well as the skills required to enable effective public participation, decision-making and action. • 2.20 (c) - Mobilise resources and encourage partnerships among national, regional and international entities towards building public awareness and behavioural change. • 2.20 (e)- Empower public agencies to undertake environmental communication, awareness and education programmes based on local environmental issues in a manner appropriate for the target community. • 2.20 (h) - Ensure that all efforts at education, awareness-building and meaningful participation in decision-making regarding environmental and/or development issues encourage and facilitate the inclusion of marginalised groups such as indigenous peoples, the rural poor, children, youth, women, sick, disabled and elderly. 	    

PROGRAMME OBJECTIVES	POLICY LINKAGES	
	2018 NATIONAL ENVIRONMENTAL POLICY	UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS
	<p>Priority Area: Addressing Climate Change & Environmental and Natural Disasters</p> <ul style="list-style-type: none"> • 2.23 (aa) – Maintain and enhance, as appropriate, ecosystems that provide climate resilience services that minimize the adverse impacts of climate change and/or which minimise climate risk. • 2.24 (j) – Enhance ecosystem-based measures to alleviate the impacts of natural disasters and climate change including, but not limited to the establishment, conservation and/or restoration of forests and coastal ecosystems. 	
<p><i>By 2023, all TTRCS-supported primary and secondary schools will have access to education materials regarding renewable energy, energy efficiency, low-emissions lifestyles and, ways to practical residential demand-side management (DMS) techniques.</i></p>	<p>Priority Area: Fostering an Environmentally Responsible Society</p> <ul style="list-style-type: none"> • 2.20 (a) – Continue to introduce environmental education from pre-school age to adulthood, for both formal and informal sectors, with the goal of providing knowledge of both local and global environmental issues as well as the skills required to enable effective public participation, decision-making and action. • 2.20(c) – Mobilise resources and encourage partnerships among national, regional and international entities towards building public awareness and behavioural change. • 2.20 (d) - Coordinate environmental education and awareness programmes initiated by the public, private and non-governmental sectors at the national level. • 2.20 (e) - Empower public agencies to undertake environmental communication, awareness and education programmes based on local environmental issues in a manner appropriate for the target community. • 2.20 (h) - Ensure that all efforts at education, awareness-building and meaningful participation in decision-making regarding environmental and/or development issues encourage and facilitate the inclusion of marginalised groups such as indigenous peoples, the rural poor, children, youth, women, sick, disabled and elderly. <p>Priority Area: Addressing Climate Change and Environmental and Natural Disasters</p> <ul style="list-style-type: none"> • 2.23 (t) - Develop and implement programmes aimed at enhancing public awareness and education on renewable energy. 	

PROGRAMME OBJECTIVES	POLICY LINKAGES	
	2018 NATIONAL ENVIRONMENTAL POLICY	UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS
<p><i>By 2026, Each TTRCS branch will facilitate at least one community-based workshop on practical DSM techniques to reducing energy consumption</i></p>	<p>Priority Area: Fostering an Environmentally Responsible Society</p> <ul style="list-style-type: none"> • 2.20 (a) – Continue to introduce environmental education from pre-school age to adulthood, for both formal and informal sectors, with the goal of providing knowledge of both local and global environmental issues as well as the skills required to enable effective public participation, decision-making and action. • 2.20(c) – Mobilise resources and encourage partnerships among national, regional and international entities towards building public awareness and behavioural change. • 2.20 (e) - Empower public agencies to undertake environmental communication, awareness and education programmes based on local environmental issues in a manner appropriate for the target community. <p>Priority Area: Addressing Climate Change & Environmental and Natural Disasters</p> <ul style="list-style-type: none"> • 2.23 (o) – Continue to develop and implement demand-side management programmes to encourage energy efficiency and energy conservation practices in the residential, commercial and industrial sectors. 	<p>The grid contains six icons for Sustainable Development Goals: 4 Quality Education (red), 7 Affordable and Clean Energy (yellow), 11 Sustainable Cities and Communities (orange), 12 Responsible Consumption and Production (brown), 13 Climate Action (dark green), and 15 Life on Land (light green).</p>

3.3.6 Environmental and Social Safeguards and Gender.

All activities undertaken through the pillar will be subject to an assessment of environmental and social safeguards during project development and prior to implementation. Projects will be assessed against the International Finance Corporation (IFC) Performance Standards for managing environmental and social risks by a competent practitioner in environmental and social a safeguard. These risks shall be dutifully managed throughout the lifetime of the project. This shall ensure that communities and environment will be minimally impacted by the interventions proposed.

Results indicators and other data collected throughout described activities will be disaggregated by gender as best as possible. Prior to project implementation, a gender analysis will be done to preliminarily identify issues that may prevent the meaningful participation of men, women, or those of diverse genders. Data gathered throughout the lifetime of each project, and at its end will be subject to a gender analysis which would assess each project's success across six (6) gendered domains as done by the International Union for the Conservation of Nature (IUCN). These include Rights, Environment, Representation, Practice, Resources and Roles & Responsibilities.

3.4 Pillar 2: Community-based Climate Change Risk Reduction, Adaptation and Resilience

As global climate warms, the risk of climate-related natural disasters increases. Although Trinidad and Tobago has traditionally been spared from the direct path of hurricanes, it is still subject to high bursts of rainfall which leads to perennial flooding. Data from the Trinidad and Tobago Meteorological Services indicate that the highest values of one-day intense rainfall are increasingly occurring within the dry season. Paradoxically, rainfall has shifted resulting in some areas such as south-west Trinidad becoming drier. Thus, the country can expect to face floods, drought, and storm surge among others.

The 2019 national vulnerability and capacity assessment for Trinidad and Tobago indicates that many geographical areas and sectors are vulnerable to the anticipated effects of climate change. Considering this, the TTRCS, through this pillar, seeks to improve the adaptive capacity of communities while supporting their long-term resilience.

The total cost of implementing this pillar of the programme is conservatively estimated to be **US\$128,958.50 (TT\$838,230.25)** which would be met through a combination of external financing, in-kind, and internal allocations. During project preparation, it is anticipated that project figures would be refined in greater detail. Co-financing for this project would be sought from the following entities with an interest in this area of work:

- Caribbean Catastrophe Risk Insurance Facility Segregated Portfolio Company (CCRIF-SPC), Adaptation Fund (AF), Global Climate Change Alliance (GCCA+), Green Climate Fund (GCF), Global Environment Facility (GEF), Global Environment Facility – Small Grants Programme (GEF-SGP), Caribbean Development Bank (CDB), Inter-American Development Bank (IADB), Green Fund of Trinidad and Tobago (TTGF), International Climate Initiative (IKI).

Unlike mitigation projects that can be science-based, quantifiable and verified, adaptation and resilience projects are often difficult to assess because of their significant social dimension and long timeframes for monitoring. Adaptation is highly flexible. If applied too rigidly, projects which may reduce risk in the short term can become maladaptive in the long-term, exacerbating risks and vulnerabilities. Thus, this pillar of work must be judiciously managed, and modified in accordance with the principles identified in *Chapter 3.1* to ensure maximum, sustained benefit.

3.4.1 Goal and Objectives

Goal: Increase Climate Change Adaptation and Disaster Risk Reduction Projects in Red Cross Supported Communities.

Objectives and Activities:

- By 2023, the capacity to deliver Enhanced Vulnerability and Capacity Assessments (eVCA) through a community-based participatory process will be built within the TTRCS and the humanitarian sector.
 - Enhance the Geographical Information System (GIS) infrastructure (software and hardware) of the TTRCS.
 - Establish templates and guidebook for participatory eVCA process to identify community-level vulnerability and capacities for climate change adaptation and disaster risk reduction.
 - Establish web-based platform for receiving community eVCA data and representing it on online maps.
 - Train at least 30 members/volunteers of the TTRCS representing each of its Branches in participatory GIS-based eVCA.
 - Establish a “TTRCS eVCA network” comprised of individuals and civil society organisations that will conduct/support participatory eVCAs throughout Trinidad and Tobago.
 - Conduct least 3 train-the-trainer workshops with a “TTRCS eVCA network”.
- By 2024, the capacity to serve as the ‘humanitarian hub’ for climate change adaptation and disaster risk-reduction action is established and interconnected to national knowledge management systems.
 - Formalize relationship with Ministry of Planning and Development so that eVCA data gathered routinely contributes to the national Climate Change Transparency System.
 - Formalize relationship with the Office of Disaster Preparedness and Management so that eVCA data gathered routinely contributes to the Comprehensive Disaster Risk Management Knowledge Management Hub.
 - Formalize relationship with the Environmental Management Authority so that the eVCA data gathered routinely contributes to the Annual Assessment of the State of the Environment Reports.
- By 2024, the TTRCS will establish a Comprehensive Resilience Building Strategy for at least one highly vulnerable city/town to transform it into a model city/town of climate resilience.

- Identify a city/town that is highly vulnerable to the effects of climate change and formalize agreement for TTRCS led resilience-building efforts for the area.
- Prepare Comprehensive Resilience-building Strategy for the selected region in line with the “Ten Essentials for Making Cities Resilient” toolkit prepared by the United Nations Office of Disaster Risk Reduction.
- Establish funding and partnerships for the execution of the Comprehensive Resilience-building Strategy for the selected city/town.
- By 2025, the energy security and/or water security of at least 10 low-income vulnerable households will be enhanced.
 - Identify at least 10 vulnerable households in Trinidad and Tobago in need of rainwater harvesting or renewable energy systems.
 - Provide household level rainwater harvesting and/or renewable energy systems to identified households.
- By 2026, the vulnerability and capacity of at least 40 communities will be assessed and addressed through Community Resilience Plans of Action and Training Sessions.
 - Conduct 3 eVCAs per Branch, per year for TTRCS supported communities.
 - Co-develop Community Resilience Plans for each of the TTRCS supported communities.
 - Conduct training sessions on the execution of Community Resilience Plans of Action for each of the TTRCS supported communities.

3.4.2 Programme Details

Table 4 - Activities, Outputs and Outcomes for 'Community-based Climate Change Risk Reduction, Adaptation and Resilience'

ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
<i>Objective: By 2023, the capacity to deliver enhanced vulnerability and capacity assessments (eVCA) through a community-based participatory process will be built within the TTRCS and the humanitarian sector.</i>									
Enhance the Geographical Information System (GIS) infrastructure (software and hardware) of the TTRCS.	2 months	<ul style="list-style-type: none"> Consultant with GIS/ICT experience. 1 meeting with staff. Compilation of list of hardware and software requirements. 	<ul style="list-style-type: none"> Updated GIS software licenses. 1 meeting with staff to validate the existing hardware, and the hardware that is needed. 9 tablets purchased. 	The TTRCS will have improved technological capacity to conduct GIS work in the future.	<ul style="list-style-type: none"> No. of hardware devices purchased. No. of new software licenses obtained. 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society. 	<ul style="list-style-type: none"> GISSTT UWI UTT CANARI ODPM 	External, In-kind.	US \$28,367.20
Establish templates and guide for participatory eVCA process to identify community-level vulnerability and capacities for climate change adaptation and disaster risk reduction.	1 month	<ul style="list-style-type: none"> Consultant(s) with the requisite experience. 2 consultations with staff. 	<ul style="list-style-type: none"> Templates and guidebook for participatory eVCA process. 2 consultations with staff to validate material contained in templates and guides. 	The TTRCS and its stakeholders will be able to identify community level vulnerabilities and capacities for climate change adaptation and disaster risk reduction.	<ul style="list-style-type: none"> No. of meetings conducted. Completion of templates and guides for participatory eVCA process. 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society TTRCS-supported communities. 	<ul style="list-style-type: none"> Habitat for Humanity CANARI GEF-SGP 	External, In-kind.	US \$1276.80
Establish web-based platform for receiving community eVCA data and representing it on online maps.	6 months	<ul style="list-style-type: none"> Consultant(s) w/ requisite experience. 2 consultations with staff. 	<ul style="list-style-type: none"> 1 web-based platform for receiving community eVCA data. 	The TTRCS will establish a web-based platform for receiving community eVCA data and representing it on	<ul style="list-style-type: none"> No of meetings conducted. Establishment of a web-based platform for receiving community eVCA 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society. EMA MPD 	<ul style="list-style-type: none"> MPD EMA GISSTT ODPM 	External, In-kind.	US \$3140.00

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ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
				online maps. This will improve efficiency of data collection.	data.	<ul style="list-style-type: none"> TTRCS-supported communities. 			
Train at least 30 members/volunteers of the TTRCS representing each of its Branches in participatory GIS-based eVCA.	2 months	<ul style="list-style-type: none"> Consultant(s) w/ the requisite experience. Team comprised of TTRCS and volunteer members. 1 consultation with staff 	<ul style="list-style-type: none"> 1 consultation with staff to validate the material being taught to members/volunteers At least 30 members/volunteers from TTRCS trained in participatory GIS-based eVCA. 	At least 30 members/volunteers of the TTRCS representing each of the branches in participatory GIS-based eVCA will be trained.	<ul style="list-style-type: none"> No. of members/volunteers of the TTRCS trained. No of meetings conducted 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society TTRCS-supported communities. 	<ul style="list-style-type: none"> Habitat for Humanity 	External, In-kind.	US \$3105.60
Establish a "TTRCS eVCA network" comprised of individuals and civil society organisations.	3 months	<ul style="list-style-type: none"> List of environmental and humanitarian civil society organisations (CSOs) in Trinidad and Tobago. Letters of engagement/ Memorandum of Understanding. Marketing materials. 	<ul style="list-style-type: none"> Letters of Agreement/ Memorandum of Understanding among several CSOs. Organisations. Inception meeting of the "TTRCS eVCA Network". 	A "TTRCS eVCA network" comprised of individuals and Civil Society Organisations who will conduct/support participatory eVCAs throughout Trinidad and Tobago will be established.	<ul style="list-style-type: none"> Inaugural Meeting No. of individuals and Civil Society Organisations in the network. 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society TTRCS-supported communities. Civil Society Organisations 	<ul style="list-style-type: none"> The Cropper Foundation Habitat for Humanity COPE Advisors Next Door Limited. Ministry of Planning and Development 	In-kind.	US \$1228.80

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ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
Conduct at least 3 train-the-trainer workshops with a “TTRCS eVCA network”.	6 months	<ul style="list-style-type: none"> • Consultant(s) w/ the requisite experience. • Training Materials. • Roster of members in the eVCA network. • Medium of facilitation. 	<ul style="list-style-type: none"> • At least 3 train-the-trainer workshops. • Workshop Reports. 	The “TTRCS eVCA network” will be equipped to conduct and report on eVCA.	<ul style="list-style-type: none"> • No. of training workshops. • No. of individual and Civil Society Organisations in “TTRCS eVCA network” trained. 	<ul style="list-style-type: none"> • Trinidad and Tobago Red Cross Society • TTRCS-supported communities. • Civil Society Organisations 	<ul style="list-style-type: none"> • COPE • Advisors Next Door Ltd. • The Cropper Foundation. • CANARI • GEF-SGP. 	External, In-kind.	US \$2860.80
<i>Objective: By 2024, the capacity to serve as the ‘humanitarian hub’ for climate change adaptation and disaster risk-reduction action is established and interconnected to national knowledge management systems.</i>									
Formalize relationship with Ministry of Planning and Development so that eVCA data gathered routinely contributes to the national Climate Change Transparency System.	2 months	<ul style="list-style-type: none"> • Consultations with representatives from Ministry of Planning and Development. 	<ul style="list-style-type: none"> • Letter of Agreement/ Memorandum of Understanding between TTRCS and MPD 	The TTRCS will be more effective in being a decision-guiding partner in the environmental field.	<ul style="list-style-type: none"> • No. of meetings conducted. • No. of contributions of eVCA data to the national Climate Change Transparency System. 	<ul style="list-style-type: none"> • Trinidad and Tobago Red Cross Society • EMA • Ministry of Planning and Development 	<ul style="list-style-type: none"> • Ministry of Planning and Development • EMA 	In-kind.	US \$614.40
Formalize the relationship with the Office of Disaster Preparedness and Management so that eVCA data gathered routinely contributes	2 months	<ul style="list-style-type: none"> • Consultation with representatives from the Office of Disaster Preparedness and 	<ul style="list-style-type: none"> • Letter of Agreement/ Memorandum of Understanding between TTRCS and ODPM 	The TTRCS will be more effective in being a decision-guiding partner in the environmental field.	<ul style="list-style-type: none"> • No. of meetings conducted. • No. of contributions of eVCA data to the Comprehensive Disaster Risk Management 	<ul style="list-style-type: none"> • Trinidad and Tobago Red Cross Society • Office of Disaster Preparedness and 	<ul style="list-style-type: none"> • ODPM • Ministry of National Security 	In-kind.	US \$614.40

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
to the Comprehensive Disaster Risk Management Knowledge Management Hub.		Management			Knowledge Management Hub.	Management <ul style="list-style-type: none"> Ministry of National Security 			
Formalize the relationship with the Environmental Management Authority so that the eVCA data gathered routinely contributes to the Annual Assessment of the State of the Environment Reports.	2 months	<ul style="list-style-type: none"> 2 staff consultations Consultation with EMA officials 	<ul style="list-style-type: none"> Letter of Agreement/ Memorandum of Understanding between TTRCS and EMA. 	The TTRCS will be more effective in being a decision-guiding partner in the environmental field.	<ul style="list-style-type: none"> No. of meetings conducted. No. of contributions of eVCA data to the Annual Assessment of the State of the Environment Reports 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society EMA Ministry of Planning and Development 	<ul style="list-style-type: none"> EMA Ministry of Planning and Development 	In-kind.	US \$614.40
<i>Objective: By 2024, the TTRCS will establish a Comprehensive Resilience Building Strategy for at least one highly vulnerable city/town into transform it into a model city/town of climate-resilience.</i>									
Identify a city/town that is highly vulnerable to the effects of climate change and formalize agreement for TTRCS led resilience-building efforts for the area.	1 months	<ul style="list-style-type: none"> 2019 national VCA Report Consultation meetings with TTRCS management Consultation meetings with city/town representatives. 	<ul style="list-style-type: none"> Letter of Agreement/ Understanding to support project. 	The TTRCS would have identified and established a relationship with a city/town that is highly vulnerable to the effects of climate change.	<ul style="list-style-type: none"> No. of meetings. Letter of Agreement/ Memorandum of Understanding with selected city/town. 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society The identified city/town to benefit from resilience building efforts 	<ul style="list-style-type: none"> Local government officials 	In-kind.	US \$1228.80

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
Prepare Comprehensive Resilience-building Strategy for the selected region in line with the “Ten Essentials for Making Cities Resilient” toolkit prepared by the United Nations Office of Disaster Risk Reduction or other tools as appropriate.	6 months	<ul style="list-style-type: none"> Consultant(s) w/ the requisite experience. Review of the UNDRR toolkit entitled “Ten Essentials for Making Cities resilient” 4 consultations with city representatives and stakeholders. 	<ul style="list-style-type: none"> 4 consultation reports. 1 report outlining the Comprehensive Resilient-building Strategy Presentation of findings 	The TTRCS and the selected city/town will have a clear roadmap for making the location climate smart and climate resilient.	<ul style="list-style-type: none"> No. of meetings The Comprehensive Resilience-building Strategy for the selected region. 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society The identified city/town to benefit from resilience building efforts 	<ul style="list-style-type: none"> Local Government Officials 	External, In-kind.	US \$21,686.40
Establish funding and partnerships for the execution of the Comprehensive Resilience-building Strategy for the selected city/town	4 months	<ul style="list-style-type: none"> Comprehensive Resilience-building Strategy List of potential donors and stakeholders 	<ul style="list-style-type: none"> Partnerships with public, private, and civil society sector actors to make the target city/town resilient. Funding agreements to support project. 	Funding and partnerships will be established for the execution of the comprehensive resilience-building strategy for the selected city/town	<ul style="list-style-type: none"> Based on the Comprehensive Resilience-building Strategy 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society The identified city/town to benefit from resilience building efforts 	<ul style="list-style-type: none"> Rotary Club for the selected area. Local government 	In-kind.	US \$1536.00
<i>Objective: By 2025, the energy security and/or water security of at least 10 low-income vulnerable households will be enhanced.</i>									
Identify at least 10 vulnerable households in Trinidad and Tobago in need of rainwater	2 months	<ul style="list-style-type: none"> Consultation w/ TTRCS staff/ leaders of communities to determine which 	<ul style="list-style-type: none"> Prioritized list of households in need. 	The TTRCS would have identified at least 10 vulnerable households in Trinidad and Tobago	<ul style="list-style-type: none"> No. of households identified. No. of meetings. 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society The 10 identified 	<ul style="list-style-type: none"> RESCOTT LTD. NIHERST Adopt-a-River 	In-kind.	US \$230.40

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

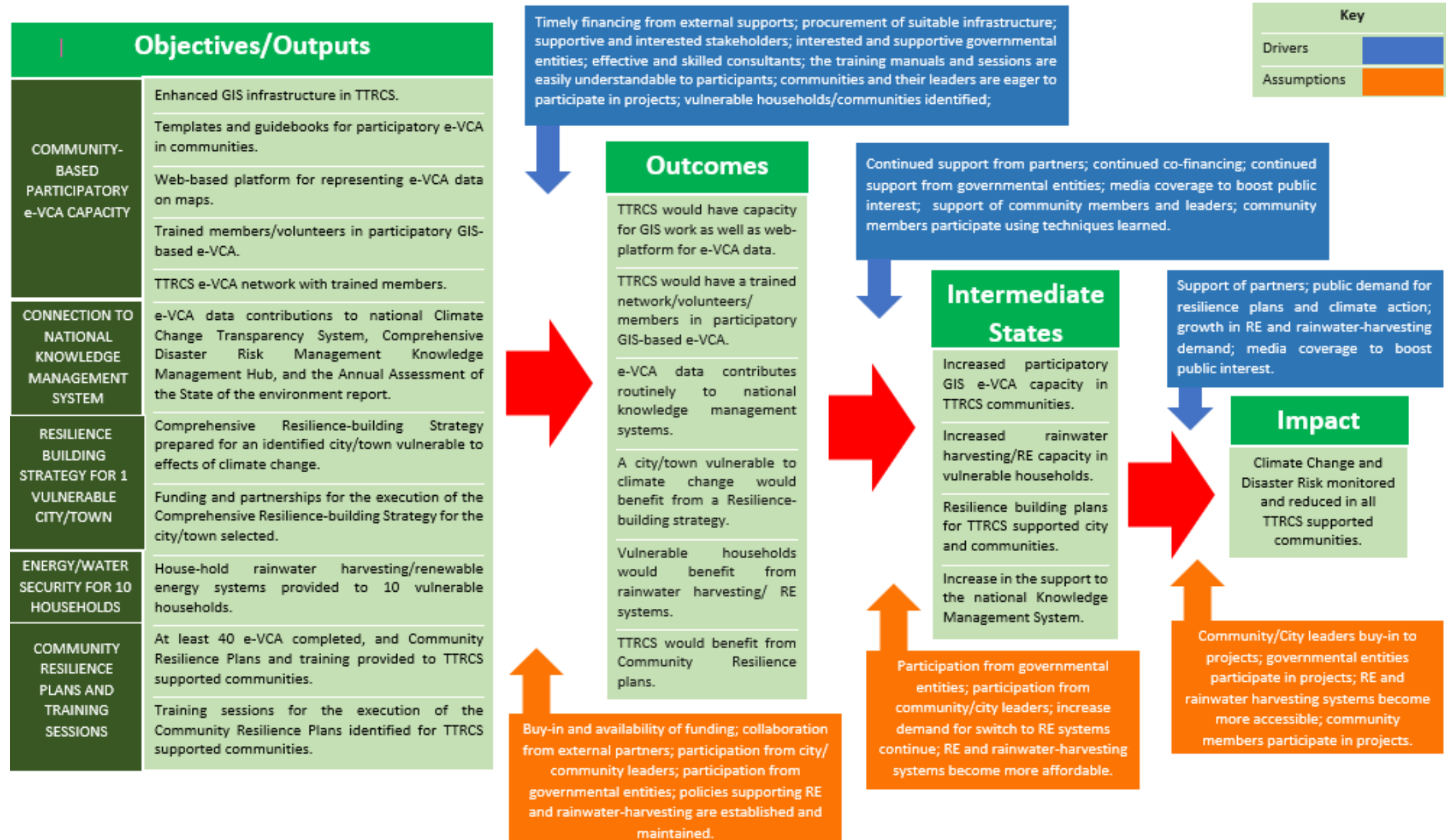
ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
harvesting or renewable energy systems.		households are in need		in need of rainwater harvesting or renewable energy systems.		households	<ul style="list-style-type: none"> Programme Habitat for Humanity Caribbean Bottlers (Coca Cola) Ltd. Nestle Ltd. 		
Provide household level rainwater harvesting and/or renewable energy systems to identified households	4 months	<ul style="list-style-type: none"> Specialists in installation of household level rainwater harvesting and/or renewable energy systems. Agreements with private sector to sponsor the establishment of systems as part of their corporate social responsibility action. 	<ul style="list-style-type: none"> Installed rainwater harvesting and renewable energy capacity at 10 households. 	10 highly vulnerable households are more resilient against the effects of climate change such as droughts and water scarcity.	<ul style="list-style-type: none"> No. of households equipped with house-hold level rainwater harvesting and/or renewable energy systems. No. of partnerships with private sector. 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society The 10 identified households 	<ul style="list-style-type: none"> RESCOTT LTD. NIHERST Adopt-a-River Programme Habitat for Humanity Caribbean Bottlers (Coca Cola) Ltd. Nestle Ltd. 	External, In-kind.	US \$54,152.00
<i>Objective: By 2026, the vulnerability and capacity of at least 40 communities will be assessed and addressed through Community Resilience Plans of Action and training sessions.</i>									
Conduct 3 eVCAs per Branch, per year for TTRCS-supported communities.	60 months	<ul style="list-style-type: none"> Community members. The eVCA trained TTRCS members/volunteers 	<ul style="list-style-type: none"> 3 eVCA reports per branch, per year 1 Presentation of Findings of all eVCA reports. 	3 eVCA will be conducted per branch, per year will be conducted for TTRCS communities.	<ul style="list-style-type: none"> No. of meetings No. of eVCA reports 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society The TTRCS supported 	<ul style="list-style-type: none"> Community members. 	In-kind.	US \$2767.50

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
						communities			
Co-develop Community Resilience Plans of Action for each of the TTRCS supported communities.	60 months	<ul style="list-style-type: none"> • Consultations w/ the TTRCS staff members associated with each supported community. 	<ul style="list-style-type: none"> • 1 Community Resilience Plan for each TTRCS community • 1 presentation of findings for each Community Resilience Plan 	The TTRCS would have co-developed a Community Resilience Plans for each of the supported communities	<ul style="list-style-type: none"> • No of meetings • No. of Community Resilience Plans developed 	<ul style="list-style-type: none"> • Trinidad and Tobago Red Cross Society • The TTRCS supported communities 	<ul style="list-style-type: none"> • Community members. 	In-kind.	US \$2767.50
Conduct training sessions on the execution of Community Resilience Plans of Action for each of the TTRCS supported communities.	60 months	<ul style="list-style-type: none"> • Meetings with TTRCS staff • Team of TTRCS members/volunteers executing the Community Resilience Plans 	<ul style="list-style-type: none"> • Members of the TTRCS responsible for executing the Community Resilience Plan will be trained. 	The TTRCS supported communities will be trained in the execution of Community Resilience Plans.	<ul style="list-style-type: none"> • No of meetings. • No of TTRCS members/volunteers trained 	<ul style="list-style-type: none"> • Trinidad and Tobago Red Cross Society • The TTRCS supported communities 	<ul style="list-style-type: none"> • Community members. 	In-kind.	US \$2767.50

3.4.3 Theory of Change

Figure 5 - Theory of Change for 'Community-based Climate Change Risk Reduction, Adaptation and Resilience'



3.4.4 Budget

Table 5 - Budget for Activities under 'Community-based Climate Change Risk Reduction, Adaptation and Resilience

Budget Items	Total (USD)	External Requested	Self-Funded	In - Kind
<i>Enhance the Geographical Information System (GIS) infrastructure (software and hardware) of the TTRCS</i>				
ACTIVITY SUB-TOTAL	\$28,367.20	\$28,300.00		\$67.20
I. Personnel	\$667.20	\$600.00		\$67.20
<i>A. Salaries and Wages</i>	<i>\$667.20</i>	<i>600.00</i>		<i>67.20</i>
(1) ICT Consultant @ \$300.00/day x 2 days	\$600.00	\$600.00		
(1) Project Managers @\$9.60/hr x 7 hrs	\$67.20			\$67.20
II. Non-Personnel	\$27,700.00			
<i>A. Space Costs</i>	<i>-</i>			
<i>B. Material Costs</i>	<i>\$27,700.00</i>			
(9) Tablet Computers @ \$300/each	\$2,700	\$2,700		
(1) Enterprise GIS License @\$25,000/per license	\$25,000	\$25,000		
<i>C. Installation Costs</i>	<i>-</i>			
<i>D. Other Costs</i>	<i>-</i>			
<i>Establish templates and guidebook for participatory eVCA process to identify community-level vulnerability and capacities for climate change adaptation and disaster risk reduction</i>				
ACTIVITY SUB-TOTAL	\$1276.80	\$1200.00		\$76.80
I. Personnel	\$1276.80	\$1200.00		\$76.80
<i>A. Salaries and Wages</i>				
(1) Environmental Consultant @ \$300.00/day x 4 days	\$1200.00	\$1200.00		
(1) Project Managers @\$9.60/hr x 8 hrs	\$76.80			\$76.80
II. Non-Personnel	-			
<i>A. Space Costs</i>	<i>-</i>			
<i>B. Material Costs</i>	<i>-</i>			
<i>C. Installation Costs</i>	<i>-</i>			
<i>D. Other Costs</i>	<i>-</i>			
<i>Establish web-based platform for receiving community eVCA data and representing it on online maps</i>				
ACTIVITY SUB-TOTAL	\$3140.00	\$2900.00		\$240.00
I. Personnel	\$2640.00	\$2400.00		\$240.00
<i>A. Salaries and Wages</i>				
(1) ICT Consultant @\$300.00/day x 8 days	\$2400.00	\$2400.00		

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Budget Items	Total (USD)	External Requested	Self-Funded	In - Kind
(1) Project Managers @\$9.60/hr x 25 hrs	\$240.00			\$240.00
II. Non-Personnel	\$500.00	\$500.00		
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	\$500.00	\$500.00		
Web-based platform hosting	\$500.00	\$500.00		
<i>Train at least 30 members/volunteers of the TTRCS representing each of its Branches in participatory GIS-based eVCA</i>				
ACTIVITY SUB-TOTAL	\$3105.60	\$3000.00		\$105.60
I. Personnel	\$3105.60	\$3000.00		\$105.60
<i>A. Salaries and Wages</i>				
(1) Environment/GIS Consultant @\$300.00/day x 10 days	\$3000.00	\$3000.00		
(1) Project Managers @\$9.60/hr x 11 hrs	\$105.60			\$105.60
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Establish a "TTRCS eVCA network" comprised of individuals and civil society organisations who will conduct/support participatory eVCAs throughout Trinidad and Tobago</i>				
ACTIVITY SUB-TOTAL	\$1228.80			\$1228.80
I. Personnel	\$1228.80			\$1228.80
<i>A. Salaries and Wages</i>	\$1228.80			\$1228.80
(1) Project Managers @\$9.60/hr x 128 hrs	\$1228.80			\$1228.80
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Conduct at least 3 train-the-trainer workshops with a "TTRCS eVCA network"</i>				
ACTIVITY SUB-TOTAL	\$2860.80	\$2400.00		\$460.80
I. Personnel	\$2860.80	\$2400.00		\$460.80
<i>A. Salaries and Wages</i>	\$2400.00	\$2400.00		\$460.80
(1) Environment Consultant @ \$300.00/day x12days	\$2400.00	\$2400.00		

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Budget Items	Total (USD)	External Requested	Self-Funded	In - Kind
(1) Project Managers @\$9.60/hr x 48 hrs	\$460.80			\$460.80
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Formalize relationship with Ministry of Planning and Development so that eVCA data gathered routinely contributes to the national Climate Change Transparency System</i>				
ACTIVITY SUB-TOTAL	\$614.40			\$614.40
I. Personnel	\$614.40			\$614.40
<i>A. Salaries and Wages</i>	\$614.40			\$614.40
(1) Project Managers @\$9.60/hr x 64 hrs	\$614.40			\$614.40
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Formalize relationship with the Office of Disaster Preparedness and Management so that eVCA data gathered routinely contributes to the Comprehensive Disaster Risk Management Knowledge Management Hub</i>				
ACTIVITY SUB-TOTAL	\$614.40			\$614.40
I. Personnel	\$614.40			\$614.40
<i>A. Salaries and Wages</i>	\$614.40			\$614.40
(1) Project Managers @\$9.60/hr x 64 hrs	\$614.40			\$614.40
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Formalize relationship with the Environmental Management Authority so that the eVCA data gathered routinely contributes to the Annual Assessment of the State of the Environment Reports</i>				
ACTIVITY SUB-TOTAL	\$614.40			\$614.40
I. Personnel	\$614.40			\$614.40
<i>A. Salaries and Wages</i>	\$614.40			\$614.40
(1) Project Managers @\$9.60/hr x 64 hrs	\$614.40			\$614.40
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			

Budget Items	Total (USD)	External Requested	Self-Funded	In - Kind
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Identify a city/town that is highly vulnerable to the effects of climate change and formalize agreement for TTRCS led resilience-building efforts for the area</i>				
ACTIVITY SUB-TOTAL	\$1228.80			\$1228.80
I. Personnel	\$1228.80			\$1228.80
<i>A. Salaries and Wages</i>	\$1228.80			\$1228.80
(1) Project Managers @\$9.60/hr x 128 hrs	\$1228.80			\$1228.80
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Prepare Comprehensive Resilience-building Strategy for the selected region in line with the "Ten Essentials for Making Cities Resilient" toolkit prepared by the United Nations Office of Disaster Risk Reduction</i>				
ACTIVITY SUB-TOTAL	\$21,686.40	\$18000.00		\$3686.40
I. Personnel	\$18,000.00	<i>\$18000.00</i>		<i>\$3686.40</i>
<i>A. Salaries and Wages</i>				
(1) Environmental consultant@ \$300.00/ a day x 60days	<i>\$18,000.00</i>	<i>\$18000.00</i>		
(1) Project manager@ \$9.60/hour x 384 hours	<i>\$3686.40</i>			<i>\$3686.40</i>
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Establish funding and partnerships for the execution of the Comprehensive Resilience-building Strategy for the selected city/town</i>				
ACTIVITY SUB-TOTAL	\$1536.00			\$1536.00
I. Personnel	\$1536.00			\$1536.00
<i>A. Salaries and Wages</i>	<i>\$1536.00</i>			
(1) Project manager@ \$9.60/hour x 160 hours	<i>\$1536.00</i>			<i>\$1536.00</i>
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Identify at least 10 vulnerable households in Trinidad and Tobago in need of rainwater harvesting or renewable</i>				

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Budget Items	Total (USD)	External Requested	Self-Funded	In - Kind
<i>energy systems</i>				
ACTIVITY SUB-TOTAL	\$230.40			\$230.40
I. Personnel	\$230.40			\$230.40
<i>A. Salaries and Wages</i>				
(1) Project Manager @ \$9.60/hr x 24 hrs	\$230.40			\$230.40
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Provide house-hold level rainwater harvesting and/or renewable energy systems to identified households</i>				
ACTIVITY SUB-TOTAL	\$4,152.00	\$50,000.00		\$4,152.00
I. Personnel	\$1152.00			\$1152.00
<i>A. Salaries and Wages</i>				
(1) Project Manager @ \$9.60/hr x 120 hrs	\$1152.00			\$1152.00
II. Non-Personnel	\$53,000.00	\$50,000.00		\$3000.00
<i>A. Space Costs</i>				
<i>B. Material Costs</i>	\$50,000.00	\$50,000.00		
(5) RE energy systems \$5000/each	\$25,000.00	\$25,000.00		
(5) Rainwater harvesting systems @\$5000/each	\$25,000.00	\$25,000.00		
<i>C. Installation Costs</i>	\$3000.00			\$3000.00
(1) Labour and installation at @150/day x 20 days.	\$3000.00			\$3000.00
<i>D. Other Costs</i>				
<i>Conduct 3 eVCA per Branch, per year for TTRCS supported communities</i>				
ACTIVITY SUB-TOTAL	\$2767.50			\$2767.50
I. Personnel	\$2767.50			\$2767.50
<i>A. Salaries and Wages</i>	\$2767.50			\$2767.50
(3) Community Outreach Officers @\$61.50/day x 15 days	\$2767.50			\$2767.50
II. Non-Personnel				
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Co-develop Community Resilience Plans of Action for each of the TTRCS supported communities</i>				


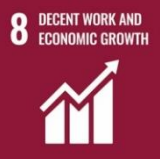








Budget Items	Total (USD)	External Requested	Self-Funded	In - Kind
ACTIVITY SUB-TOTAL	\$2767.50			\$2767.50
I. Personnel	\$2767.50			\$2767.50
<i>A. Salaries and Wages</i>	<i>\$2767.50</i>			<i>\$2767.50</i>
(3) Community Outreach Officers @\$61.50/day x 15 days	\$2767.50			\$2767.50
II. Non-Personnel	-			
<i>A. Space Costs</i>	<i>-</i>			
<i>B. Material Costs</i>	<i>-</i>			
<i>C. Installation Costs</i>	<i>-</i>			
<i>D. Other Costs</i>	<i>-</i>			
<i>Conduct Training Sessions on the execution of Community Resilience Plans of Action for each of the TTRCS supported Communities</i>				
ACTIVITY SUB-TOTAL	\$2767.50			\$2767.50
I. Personnel	\$2767.50			\$2767.50
<i>A. Salaries and Wages</i>	<i>\$2767.50</i>			<i>\$2767.50</i>
(3) Community Outreach Officers @\$61.50/day x 15 days	\$2767.50			\$2767.50
II. Non-Personnel	-			
<i>A. Space Costs</i>	<i>-</i>			
<i>B. Material Costs</i>	<i>-</i>			
<i>C. Installation Costs</i>	<i>-</i>			
<i>D. Other Costs</i>	<i>-</i>			











Budget Notes:










- Exchange rates assumed to be 1 USD to \$6.50 TTD
- A 'project manager' within the TTRCS is estimated to earn \$1536 USD per month.
- A 'Community Outreach Officer within the TTRCS is estimated to earn US\$1230.00 per month
- A cost of \$300 USD/day is used as the minimum cost for an external consultant/ resource.
- Figures are conservative based on best professional judgement and should be refined as a detailed work plan is developed for each activity.
- 'External Requested' refers to grants or loans provided by external parties to the TTRCS.
- 'Self-Funded' refers to cash contributed to the project through the TTRCS' income generated by the business unit.
- 'In Kind' refers to the value of time spent by TTRCS staff, value of TTRCS facilities, or non-monetary donations provided by TTRCS partners.

3.4.5 Programme Alignment

Table 6 - Alignment of 'Community-based Climate Change Risk Reduction, Adaptation and Resilience ' with Key Policies.

PROGRAMME OBJECTIVES	POLICY LINKAGES	
	2018 NATIONAL ENVIRONMENTAL POLICY	UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS
<p>By 2023, the capacity to deliver enhanced vulnerability and capacity assessments (eVCA) through a community-based participatory process will be built within the TTRCS and the humanitarian sector</p>	<p>Priority Area: Addressing Climate Change & Environmental and Natural Disasters</p> <ul style="list-style-type: none"> • 2.23 (x) – Conduct assessments of the climate risk and/or vulnerability of communities and/or sectors to the impacts of climate change, including the development of GIS-based climate risk maps. • 2.23 (bb) – Strengthen institutional arrangements within and among public, private and non-governmental sectors for conducting systematic observations, vulnerability assessments, research and climate modelling. • 2.24 (c) – Further strengthen measures to prevent the occurrence of environmental incidents including but not limited to: fail-safe systems, environmental management systems, GIS-based resource inventories, early-warning systems, inspection and maintenance programmes, and operating procedures. • 2.24 (e) - Conduct periodical assessment of hazards, risks and vulnerability, using methodologies appropriate for SIDS with an aim to estimate emergency response demands. 	     
<p>By 2024, the capacity to serve as the 'humanitarian hub' for climate change adaptation and disaster risk-reduction action is established and interconnected to national knowledge management systems.</p>	<p>Priority Area: Addressing Climate Change & Environmental and Natural Disasters</p> <ul style="list-style-type: none"> • 2.23 (j) – Support institutional capacity building in the public, private and non-governmental sector towards emissions reductions, monitoring, verification and reporting. • 2.23 (x) – Conduct assessments of the climate risk and/or vulnerability of communities and/or sectors to the impacts of climate change, including the development of GIS-based climate risk maps. • 2.23 (bb) – Strengthen institutional arrangements within and among public, private and non-governmental sectors for conducting systematic observations, vulnerability assessments, research and climate modelling. <p>Implementation & Achieving Policy Actions</p>	   

PROGRAMME OBJECTIVES	POLICY LINKAGES	
	2018 NATIONAL ENVIRONMENTAL POLICY	UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS
	<ul style="list-style-type: none"> • 3.01(g) - Empower government organisations to engage in meaningful collaboration with nongovernmental and private sector organisations towards sustainability. • 3.01 (j)- Empower government organisations and other stakeholders to collect and report on environmental indicators to the EMA. 	
<p><i>By 2024, the TTRCS will establish a Comprehensive Resilience Building Strategy for at least one highly vulnerable city/town into transform it into a model city/town of climate-resilience.</i></p>	<p>Priority Area: Addressing Climate Change & Environmental and Natural Disasters</p> <ul style="list-style-type: none"> • 2.23 (cc) – Support community-based adaptation and resilience building efforts led by governmental entities, private sector and/or non-governmental organisations • 2.24 (h) - Support government, private and non-governmental efforts to enhance community resilience and preparedness for environmental disasters. <p>Implementation & Achieving Policy Actions</p> <ul style="list-style-type: none"> • 3.01 (g) – Empower government organisations to engage in meaningful collaboration with non-governmental and private sector organisations towards sustainability. 	    
<p><i>By 2025, the energy security and/or water security of at least 10 low-income vulnerable households will be enhanced.</i></p>	<p>Priority Area: Sustainably Managing Natural Assets</p> <ul style="list-style-type: none"> • 2.06 (h) – Encourage the use of advanced technology systems such as desalination, wastewater reuse, storm water reuse, and rainwater harvesting to supplement freshwater demand where it is economically, technically and environmentally feasible. <p>Priority Area: Addressing Climate Change & Environmental and Natural Disasters</p> <ul style="list-style-type: none"> • 2.23 (s) - Partner with local, regional and international entities to create an enabling environment for investment into renewable energy research, support services, and projects, including feasibility studies. • 2.23 (u) - Develop and implement, as appropriate, capacity building programmes in collaboration with private and non-governmental actors to enhance renewable energy integration and deployment. 	   

PROGRAMME OBJECTIVES	POLICY LINKAGES	
	2018 NATIONAL ENVIRONMENTAL POLICY	UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS
		    
<p><i>By 2026, the vulnerability and capacity of at least 40 communities will be assessed and addressed through Community Resilience Plans and Training Sessions.</i></p>	<p>Priority Area: Addressing Climate Change & Environmental and Natural Disasters</p> <ul style="list-style-type: none"> • 2.23 (x) - Conduct assessments of the climate risk and/or vulnerability of communities and/or sectors to the impacts of climate change, including the development of GIS-based climate risk maps. • 2.23(bb) - Strengthen institutional arrangements within and among public, private and non-governmental sectors for conducting systematic observations, vulnerability assessments, research and climate modelling. • 2.23 (cc) - Support community-based adaptation and resilience building efforts led by governmental entities, private sector and/or non-governmental organisations. • 2.24 (h) - Support government, private, and non-governmental efforts to enhance community resilience and preparedness for environmental disasters. 	   

3.4.6 Environmental and Social Safeguards and Gender.

All activities undertaken through the Pillar will be subject to an assessment of environmental and social safeguards during project development and prior to implementation. Projects will be assessed against the International Finance Corporation (IFC) Performance Standards for managing environmental and social risks by a competent practitioner in environmental and social a safeguard. These risks shall be dutifully managed throughout the lifetime of the project. This shall ensure that communities and environment will be minimally impacted by the interventions proposed.

Results indicators and other data collected throughout described activities will be segregated by gender as best as possible. Prior to project implementation, a gender analysis will be done to preliminarily identify issues that may prevent the meaningful participation of men, women, or those of diverse genders. Data gathered throughout the lifetime of each project, and at its end will be subject to a gender analysis which would assess each project's success across six (6) gendered domains as done by the International Union for the Conservation of Nature (IUCN). These include Rights, Environment, Representation, Practice, Resources and Roles & Responsibilities.

3.5 Pillar 3: Environmental Education, Ecosystem-based Livelihoods and Community Empowerment

Both individuals and communities rely on the environment for resources, ecosystem services and livelihoods. It is important that the public appreciates the natural environment and communities are empowered to practice sustainable, ecosystem-based practices.

This pillar of the TTRCS' 2022-2026 Environmental Programme sets the goal of improving national appreciation for the environment and empowering communities to develop sustainable ecosystem-based livelihoods. This pillar contains 5 programmes of work (sets of activities) with complementary objectives for achieving this goal.

The total cost of implementing this programme is conservatively estimated to be **US\$50,012.00 (TT\$325,078.00)** which would be met through a combination of external financing, in-kind, and internal allocations. During project preparation, it is anticipated that project figures would be refined in greater detail. Co-financing for this project would be sought from the following entities with an interest in this area of work:

- Caribbean Catastrophe Risk Insurance Facility Segregated Portfolio Company (CCRIF SPC), Green Climate Fund (GCF), Global Environment Facility (GEF), Caribbean Development Bank (CDB), Inter-American Development Bank (IDB), International Fund for Agricultural Development (IFAD), Green Fund of Trinidad and Tobago, UN High Commissioner for Refugees (UNHCR)

3.5.1 Goal and Objectives

Goal: Improve national appreciation for the environment and empower communities to develop sustainable ecosystem-based livelihoods.

Objectives and Activities:

- By 2023, the TTRCS will have the capacity to deliver online e-learning courses to certify persons in first aid, disaster response and Enhanced Vulnerability and Capacity Assessment.
 - Develop training curricula and lesson plans for e-course in first aid, disaster response and eVCA.
 - Prepare series of videos and assessments for certification.
 - Prepare business plan/model for delivery of e-learning courses, live online trainings, and certification.
 - Utilize e-learning platform for delivering course material and securing financial transactions.
 - Market and promote e-learning courses.

- By 2024, the TTRCS will enhance the capacity of communities to understand and adapt to climate change and reduce disaster risk.
 - Conduct 3 community-based workshops aimed at building awareness and transferring practical skills on how to mitigate and adapt to climate change at the household level.
 - Produce 1 video for TTRCS staff and volunteers to build foundational knowledge of the relevance of the environment to humanitarian action.
 - Prepare 3 videos for the public that connects environmental issues to disaster risk.
 - Execute a climate youth-leadership competition that rewards persons under 25 for innovative community-based solutions to climate change.
- By 2025, at least 5 primary and secondary schools within each education district will have a TTRCS supported environmental programme.
 - Conduct 5 train-the-trainer workshops aimed at equipping teachers and principals with knowledge of the relationship between environmental issues (including climate change) and the impacts to livelihoods, including food security.
 - Prepare age-appropriate education materials for students to better understand the linkages between environmental issues, ecosystems services and livelihoods.
 - Host monthly parent/expert led webinars targeting students to educate on environmental topics.
 - Host annual events and activities that promote environmental awareness and action among, at least, 5 schools within each education district.
- By 2026, the food security and ability to develop entrepreneurial ecosystem-based livelihoods among vulnerable communities will be enhanced.
 - Collaborate with civil society organisations to establish a climate-resilient, nature-based education centre to improve ecosystem-based livelihood potential within the Caribbean Region.
 - Establish garden-to-kitchen programmes and demonstration sites in at least 5 vulnerable communities.
- By 2025, ecosystem-based and environmentally friendly entrepreneurs will be nurtured by the TTRCS.
 - Compile register of local artisans and manufacturers focused on producing local ecosystem-based or environmentally sustainable products.
 - Develop co-branding/profit sharing plans to endorse and market ecosystem-based/ environmentally sustainable products for at least 5 vendors.
 - Market and communicate products via TTRCS website and community engagements

3.5.2 Programme Details

Table 7 - Activities, Outputs and Outcomes for 'Environmental Education, Ecosystem-based Livelihoods, and Community Empowerment'

ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
<i>Objective: By 2023, the TTRCS will have the capacity to deliver online e-learning courses to certify persons in first aid, disaster response and Enhanced Vulnerability and Capacity Assessment.</i>									
Develop training curricula and lesson plans for e-course in first aid, disaster response and eVCA.	2 months	<ul style="list-style-type: none"> Facilitator w/ background in education programme design 4 meetings with staff 	<ul style="list-style-type: none"> 1 E-learning curricular package for First Aid. 1 E-learning curricular package for Disaster Response 1 E-learning curricular package for eVCA 	The TTRCS will be equipped with lessons plans and training curricular for key subject areas.	<ul style="list-style-type: none"> No. of meetings. No. of lesson plans developed. 	Trinidad and Tobago Red Cross Society	<ul style="list-style-type: none"> Rape Crisis Society of Trinidad and Tobago. ODPM CADRIM 	External, Self-funded.	US \$2330.40
Prepare series of videos and assessments for certification.	3 months	<ul style="list-style-type: none"> Consultant(s) w/ experience teaching and assessing key subject areas Camera crew w/ experience filming educational videos Facilitator/s to partake in videos Scripts to give direction to facilitator/s Equipment for each 	<ul style="list-style-type: none"> 1 series of videos for First Aid 1 series of videos for Disaster Risk Assessment 1 series of videos for eVCA Assessments for each module and a final assessment for 	The TTRCS will be equipped with a series of videos to deliver e-course in first aid, disaster response and eVCA and assessments to certify students.	<ul style="list-style-type: none"> No. of videos for each course Assessments for modules in each course Performance of students after assessments Feedback from key stakeholders No. of meetings 	Trinidad and Tobago Red Cross Society	<ul style="list-style-type: none"> CZITT 	External, Self-funded.	US \$6330.40

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
		video, if needed <ul style="list-style-type: none"> Location to film videos Weekly meetings with staff 	e-course in first aid, disaster response and eVCA.						
Prepare business plans/models for delivery of e-learning courses, live online trainings, and certification.	1 month	<ul style="list-style-type: none"> Consultant(s) w/ background preparing business plan/model Negotiation meetings with consultant and staff 	<ul style="list-style-type: none"> 1 business plan/model for delivery of e-learning courses and certification 1 business plan/model for delivery of live online trainings and certification 	The TTRCS will be equipped with business plans/models for delivery of e-learning courses, live online trainings, and certification.	<ul style="list-style-type: none"> Financial performance observed using business plans/models No. of meetings 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society 		External, Self-funded, In-kind.	US \$2180.40
Develop e-learning platform for delivering course material and securing financial transactions.	2 months	<ul style="list-style-type: none"> Consultant(s) w/ background developing an e-learning platform Treasurer to receive and record transactions 4 meetings with staff and consultant 	<ul style="list-style-type: none"> 1 e-learning platform delivering course material with method to securely transfer transactions 	The TTRCS will be equipped with an e-learning platform for delivering course material and securing financial transactions.	<ul style="list-style-type: none"> No. of courses available on e-learning platform Delivery of secure financial transactions Feedback from key stakeholders on useability and ease of access on platform No. of meetings 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society 	<ul style="list-style-type: none"> CZITT 	External, Self-funded, In-kind.	US \$2760.80

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ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
Market and promote e-learning courses.	3 months	<ul style="list-style-type: none"> 4 meetings with staff and consultant 	<ul style="list-style-type: none"> 1 marketing strategy to promote e-learning courses 	The TTRCS will have a greater market reach as well as market research and analytics for its e-learning courses.	<ul style="list-style-type: none"> No. of visitors and registration to the e-learning platform No. of inquiries made to the TTRCS 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society 		External, Self-funded, In-kind.	US \$730.40
<i>Objective: By 2024, the TTRCS will enhance the capacity of communities to understand and adapt to climate change and reduce disaster risk.</i>									
Conduct 3 community-based workshops aimed at building awareness and transferring practical skills on how to mitigate and adapt to climate change at the household level.	4 months	<ul style="list-style-type: none"> Facilitator(s) w/ experience teaching practical skills on how to mitigate and adapt to climate change 3 communities with members willing to partake in workshops 3 locations to conduct workshops Lesson plan on practical skills being transferred Marketing plan to raise awareness of workshops 4 meetings with facilitators and staff 	<ul style="list-style-type: none"> 3 community-based workshops for building awareness and transferring practical skills on climate change adaptation and mitigation at a household level. 	The TTRCS will be equipped with a lesson plan, marketing plan and facilitator to execute workshops aimed at building awareness and transferring practical skills on how to mitigate and adapt to climate change at the household level. Community members will be aware and possess skills on how to mitigate and adapt to	<ul style="list-style-type: none"> No. workshops undertaken No. of attendees to workshops No. of practical skills transferred to community members No. of skills being integrated into the community and households 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society Community members of participating communities 	<ul style="list-style-type: none"> Advisors Next Door 	External, Self-funded, In-kind.	US \$2930.40

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ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
				climate change.					
Produce 1 video for TTRCS staff and volunteers to build foundational knowledge of the relevance of the environment to humanitarian action.	1 month	<ul style="list-style-type: none"> • Consultant(s) w/ experience on foundational knowledge of the relevance of the environment to humanitarian action. • Camera crew • Facilitator(s) to partake in video. • Script to give direction to facilitator(s). • Location to film video. • 2 meetings with staff. 	<ul style="list-style-type: none"> • 1 video for TTRCS staff and volunteers to build foundational knowledge of the relevance of the environment to humanitarian action. 	The TTRCS will be equipped with 1 video for TTRCS staff and volunteers to build foundational knowledge of the relevance of the environment to humanitarian action.	<ul style="list-style-type: none"> • A script for the video • Completion of filming • Production of video • Feedback from key stakeholders • No. of staff with foundational knowledge of relevance of the environment to humanitarian action. 	<ul style="list-style-type: none"> • Trinidad and Tobago Red Cross Society 		External, Self-funded, In-kind.	US \$4730.40
Prepare 3 videos for the public that connects environmental issues to disaster risk.	2 months	<ul style="list-style-type: none"> • Consultant(s) w/ experience on the connection of environmental issues to disaster risk • Camera crew • Facilitator(s) to partake in video • Scripts to give direction to facilitator(s) 	<ul style="list-style-type: none"> • 3 videos for the public that connects environmental issues to disaster risk. 	The TTRCS will be equipped 3 videos that educate the public about the connection between environmental issues and disaster risk.	<ul style="list-style-type: none"> • A script for the video • Completion of filming • Production of video • Feedback from key stakeholders • No. of videos produces. 	<ul style="list-style-type: none"> • Trinidad and Tobago Red Cross Society • The public 	<ul style="list-style-type: none"> • Advisors Next Door 	External, Self-funded, In-kind.	US \$6330.40

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
		<ul style="list-style-type: none"> Location to film videos 2 meetings with staff 							
Execute a climate youth-leadership competition that rewards persons under 25 for innovative community-based solutions to climate change.	6 months	<ul style="list-style-type: none"> Facilitating team w/ experience with climate youth leadership Marketing consultant to promote competition Entry requirements for competition Panel of judges qualified in climate change Prizes/rewards for top performers 8 meetings with staff 	<ul style="list-style-type: none"> 1 climate youth-leadership competition that rewards persons under 25 for innovative community-based solutions to climate change. 	Youth under 25 will be able to contribute to innovative community-based solutions to climate change.	<ul style="list-style-type: none"> No. of participants in the competition Innovative community-based solutions to climate change by participants 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society Youths under 25 involved in the competition 	<ul style="list-style-type: none"> The Cropper Foundation CYEN CYCN NIHERST 	External, Self-funded.	TBD
<i>Objective: By 2025, at least 5 primary and secondary schools within each education district will have a TTRCS supported environmental programme.</i>									
Conduct 5 train-the-trainer workshops aimed at equipping teachers and principals with knowledge of the relationship between environmental	5 months	<ul style="list-style-type: none"> Consultant(s) w/ background in the relationship between environmental issues and impacts to livelihoods Facilitator(s) to conduct training Platform/location to 	<ul style="list-style-type: none"> Teachers and principals equipped with knowledge of the relationship between environmental issues in at least 5 primary and secondary 	Teachers and principals with knowledge of the relationship between environmental issues in at least 5 primary and secondary schools.	<ul style="list-style-type: none"> 5 train-the-trainer workshops Workshops in 5 primary and secondary schools No. of teachers/principal trained. 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society Teachers and principals in at least 5 primary and secondary schools 	<ul style="list-style-type: none"> Advisors Next Door 	External, Self-funded.	US \$3560.80

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ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
issues (including climate change) and the impacts to livelihoods, including food security.		<ul style="list-style-type: none"> conduct training 4 meetings with staff, consultant, and facilitator(s) 	schools						
Prepare age-appropriate education materials for students to better understand the linkage between environmental issues, ecosystems services and livelihoods.	6 months	<ul style="list-style-type: none"> Consultant(s) w/ background in creating age-appropriate materials for education Consultant(s) w/ background in the linkage between environmental issues, ecosystems services and livelihoods. 12 meetings with consultants and staff 	<ul style="list-style-type: none"> Educational materials to enable students to better understand the environment, include brochures, posters, activity/colouring books and/or animated videos 	Students are able to better understand the linkage between environmental issues, ecosystems services and livelihoods.	<ul style="list-style-type: none"> No. of meetings conducted between consultants and staff No. of materials produced for each age group No. of students to comprehend material from their targeted age group 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society 	<ul style="list-style-type: none"> CZITT 	External, Self-funded, In-kind.	US \$2160.80
Host monthly parent/expert led webinars targeting students to educate on environmental topics.	6 months	<ul style="list-style-type: none"> Expert(s) w/ background in various environmental topics Online platform to deliver webinars 4 meetings with staff 	<ul style="list-style-type: none"> 1 Schedule for delivery of webinars Activity/ lesson plans for each webinar 	Parents and students are better educated on environmental topics and are connected to experts in the field.	<ul style="list-style-type: none"> No. of webinars conducted No. of attendee to webinars No. of meetings conducted No. of persons educated on environmental 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society Parents and students who attended webinars 		External, Self-funded, In-kind.	US \$2704.80

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
					topics.				
Host annual events and activities that promote environmental awareness and action among, at least, 5 schools within each education district.	Annually	<ul style="list-style-type: none"> Facilitator(s) w/ experience hosting events Location for event and activities Prizes/trophies to award at event 4 meetings with staff and facilitating team 	<ul style="list-style-type: none"> List of environmental awareness programmes, activities, and games for events Annual events for promotion of environmental awareness and action. 	The TTRCS will be equipped to host annual events and activities that promote environmental awareness and action among, at least, 5 schools within each education district.	<ul style="list-style-type: none"> Detailed schedule of activities for event Successful first annual event Annual hosting of event with expansion No. of persons attending events No. of schools participating in event 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society At least 5 schools within each education district. 	<ul style="list-style-type: none"> NIHERST 	External, Self-funded, In-kind.	TBD
<i>Objective: By 2026, the food security and ability to develop entrepreneurial ecosystem-based livelihoods among vulnerable communities will be enhanced.</i>									
Collaborate with Civil Society Organisations to establish a climate-resilient, nature-based education centre to improve ecosystem-based livelihood potential within the Caribbean Region.	48 months	<ul style="list-style-type: none"> Civil Society Organisations with interest in nature-based education centre to improve ecosystem-based livelihood Land for education centre Building materials and labour education centre Training of educators for 	<ul style="list-style-type: none"> 1 climate-resilient, nature-based education centre to improve ecosystem-based livelihood potential within the Caribbean Region. 	The TTRCS will be equipped with climate -resilient, nature-based education centre and fostered a relationship with a local civil society organisation, to improve ecosystem-based livelihood potential within	<ul style="list-style-type: none"> Agreement of collaboration with civil society organisations Acquisition of land Sourcing of materials and labour Built infrastructure of nature-based 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society Civil Society Organisations 	<ul style="list-style-type: none"> Sunbeam Foundation 	External, Self-funded, In-kind.	TBD

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

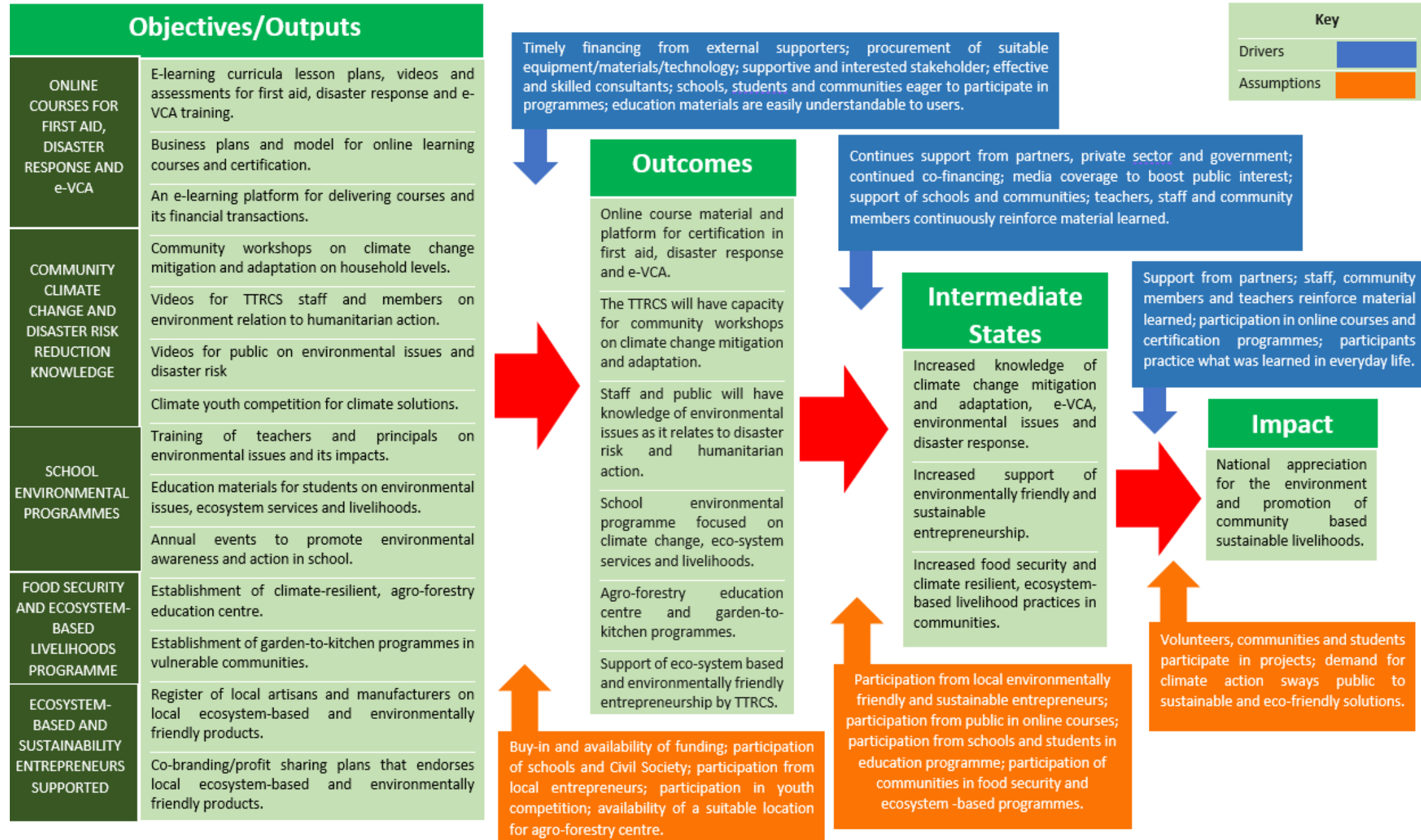
ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
		education centre • 24 meetings with staff		the Caribbean Region.	education centre • No. of meetings. • Education being conducted in the centre				
Establish garden-to-kitchen programmes and demonstration sites in at least 5 vulnerable communities.	6 months	• Consultant(s) w/ requisite experience • 5 gardens/farms in at least 5 vulnerable communities • Kitchens/restaurants in at least 5 vulnerable communities • Facilitator(s) for demonstration • 4 meetings with staff	• At least 5 garden-to-kitchen programmes and demonstration sites in vulnerable communities.	The TTRCS would have established at least 5 garden-to-kitchen programmes and demonstration sites in vulnerable communities.	• No. of garden-to-kitchen programmes and demonstration sites • Profitability and sustainability of garden-to-kitchen programmes and demonstration sites	• Trinidad and Tobago Red Cross Society • Gardens/farms in vulnerable communities • Kitchens/restaurants in vulnerable communities		External, Self-funded, In-kind.	US \$6450.80
Objective: By 2025, ecosystem-based and environmentally friendly entrepreneurship will be nurtured by the TTRCS.									
Compile register of local artisans and manufacturers focused on	3 months	• Researcher w/ knowledge of local artisans and manufacturers • 3 meetings with staff	• 1 register of local artisans and manufacturers focused on	The TTRCS will be equipped with a register of local artisans and manufacturers	• Compilation of register • No. of local artisans and manufacturers	• Trinidad and Tobago Red Cross Society		External, Self-funded, In-kind.	US \$720.00

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
producing local ecosystem-based or environmentally sustainable products.			producing local ecosystem-based or environmentally sustainable products.	focused on producing local ecosystem-based or environmentally sustainable products.	on register				
Develop co-branding/profit sharing plans to endorse and market ecosystem-based/ environmentally sustainable products for at least 5 entrepreneurs.	3 months	<ul style="list-style-type: none"> Branding team w/ experience in collaborations At least 5 vendors 12 meetings with key stakeholders 	<ul style="list-style-type: none"> 5 specialised co-branding/profit plans to endorse and market ecosystem-based/ environmentally sustainable products with each of the vendors 	The TTRCS will be equipped with 5 specialised co-branding/profit plans to endorse and market ecosystem-based/ environmentally sustainable products with each of the vendors	<ul style="list-style-type: none"> Completion of 5 specialised co-branding/profit plan 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society At least 5 vendors focused on producing local ecosystem-based or environmentally sustainable products. 		External, Self-funded, In-kind.	US \$3260.80
Market and communicate products via TTRCS website and community engagements.	3 months	<ul style="list-style-type: none"> Marketing consultant(s) 10 meetings with staff and vendors 	<ul style="list-style-type: none"> Communication of products on TTRCS' website and community engagements. 	The TTRCS and vendors will be effectively marketed and communicate products.	<ul style="list-style-type: none"> No. of visitors to TTRCS website 	<ul style="list-style-type: none"> Trinidad and Tobago Red Cross Society 		External, Self-funded, In-kind.	US \$2830.40

3.5.3 Theory of Change

Figure 6 - Theory of Change for 'Environmental Education, Ecosystem-based Livelihoods, and Community Empowerment'



3.5.4 Budget

Table 8 - Budget for Activities under 'Environmental Education, Awareness and Capacity Building'

Budget Items	Total (USD)	External Requested	Self-Funded	In - Kind
<i>Develop training curricula for e-course in first aid, disaster response and eVCA</i>				
ACTIVITY SUB-TOTAL	\$2330.40	\$2100.00		\$230.40
I. Personnel	\$2330.40	\$2100.00		\$230.40
<i>A. Salaries and Wages</i>	<i>\$2330.40</i>	<i>\$2100.00</i>		<i>\$230.40</i>
(1) Education Facilitator @ \$300.00/day x 7 days	\$2100.00	\$2100.00		
(1) Project Manager @\$9.60/hr x 24 hrs	\$230.40			\$230.40
II. Non-Personnel	-			
<i>A. Space Costs</i>	<i>-</i>			
<i>B. Material Costs</i>	<i>-</i>			
<i>C. Installation Costs</i>	<i>-</i>			
<i>D. Other Costs</i>	<i>-</i>			
<i>Prepare series of videos and assessments for certification</i>				
ACTIVITY SUB-TOTAL	\$6330.40	\$5600.00	\$500.00	\$230.40
I. Personnel	\$6330.40	\$5600.00	\$500.00	\$230.40
<i>A. Salaries and Wages</i>	<i>\$6330.40</i>	<i>\$5600.00</i>	<i>\$500.00</i>	<i>\$230.40</i>
(1) Education Consultant @ \$300.00/day x 7 days	\$2100.00	\$2100.00		
(1) Project Manager @\$9.60/hr x 24 hrs	\$230.40			\$230.40
(1) Camera Crew @ \$250/day x 7 days	\$1750.00	\$1750.00		
(1) Video Editor @ \$250/day x 7 days	\$1750.00	\$1750.00		
(1) Video Cast	\$500.00		\$500.00	
II. Non-Personnel	-			
<i>A. Space Costs</i>	<i>-</i>			
<i>B. Material Costs</i>	<i>-</i>			
<i>C. Installation Costs</i>	<i>-</i>			
<i>D. Other Costs</i>	<i>-</i>			
<i>Prepare business plan/model for delivery of e-learning courses and certification</i>				
ACTIVITY SUB-TOTAL	\$2180.40	\$1950.00		\$230.40
I. Personnel	\$2180.40	\$1950.00		\$230.40
<i>A. Salaries and Wages</i>	<i>\$1950.00</i>	<i>\$1950.00</i>		
(1) Business Consultant @ \$300.00/day x 6.5	\$1950.00	\$1950.00		
(1) Project Managers @\$9.60/hr x 24 hrs	\$230.40			\$230.40
II. Non-Personnel	-			

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

Budget Items	Total (USD)	External Requested	Self-Funded	In - Kind
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Develop e-learning platform for delivering course material and securing financial transactions</i>				
ACTIVITY SUB-TOTAL	\$2760.80	\$2100.00	\$230.40	\$430.40
I. Personnel	\$2560.80	\$2100.00	\$230.40	\$230.40
<i>A. Salaries and Wages</i>	\$2330.40	\$2100.00	\$230.40	\$230.40
(1) Digital Consultant @ \$300.00/day x 7 days	\$2100.00	\$2100.00		
(1) Project Manager @\$9.60/hr x 24 hrs	\$230.40			\$230.40
(1) Treasurer @\$9.60/hr x 24 hrs	\$230.40		\$230.40	
II. Non-Personnel	\$200.00			\$200.00
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	\$200.00			\$200.00
Online Platform Development	\$200.00			\$200.00
<i>Market and promote e-learning courses</i>				
ACTIVITY SUB-TOTAL	\$730.40			\$730.40
I. Personnel	\$230.40			\$230.40
<i>A. Salaries and Wages</i>	\$230.40			\$230.40
(1) Project Managers @\$9.60/hr x 24 hrs	\$230.40			\$230.40
II. Non-Personnel	\$500.00			\$500.00
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
Online advertising materials	\$500.00			\$500.00
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Conduct 3 community-based workshops aimed at building awareness and transferring practical skills on how to mitigate and adapt to climate change at the household level</i>				
ACTIVITY SUB-TOTAL	\$2930.40	\$2100.00	\$600.00	\$230.40
I. Personnel	\$2930.40	\$2100.00	\$600.00	\$230.40
<i>A. Salaries and Wages</i>	\$2930.40	\$2100.00	\$600.00	\$230.40
(1) Climate Change Consultant @ \$300.00/day x 7	\$2100.00	\$2100.00		
(1) Project Managers @\$9.60/hr x 24 hrs	\$230.40			\$230.40

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

Budget Items	Total (USD)	External Requested	Self-Funded	In - Kind
(1) Facilitator @\$200.00/day x 3	\$600.00		\$600.00	
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Produce 1 video for TTRCS staff and volunteers to build foundational knowledge of the relevance of the environment to humanitarian action</i>				
ACTIVITY SUB-TOTAL	\$4730.40	\$4000.00	\$500.00	\$230.40
I. Personnel	\$4730.40	\$4000.00	\$500.00	\$230.40
<i>A. Salaries and Wages</i>	<i>\$4730.40</i>	<i>\$4000.00</i>	<i>\$500.00</i>	<i>\$230.40</i>
(1) Education Consultant @ \$300.00/day x 5 days	\$1500.00	\$1500.00		
(1) Project Manager @\$9.60/hr x 24 hrs	\$230.40			\$230.40
(1) Camera Crew @ \$250/day x 5 days	\$1250.00	\$1250.00		
(1) Video Editor @ \$250/day x 5 days	\$1250.00	\$1250.00		
(1) Video Cast	\$500.00		\$500.00	
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Prepare 3 videos for the public that connects environmental issues to disaster risk</i>				
ACTIVITY SUB-TOTAL	\$6330.40	\$5600.00	\$500.00	\$230.40
I. Personnel	\$6330.40	\$5600.00	\$500.00	\$230.40
<i>A. Salaries and Wages</i>	<i>\$6330.40</i>	<i>\$5600.00</i>	<i>\$500.00</i>	<i>\$230.40</i>
(1) Education Consultant @ \$300.00/day x 7 days	\$2100.00	\$2100.00		
(1) Project Manager @\$9.60/hr x 24 hrs	\$230.40			\$230.40
(1) Camera Crew @ \$250/day x 7 days	\$1750.00	\$1750.00		
(1) Video Editor @ \$250/day x 7 days	\$1750.00	\$1750.00		
(1) Video Cast	\$500.00		\$500.00	
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Execute a climate youth-leadership competition that rewards persons under 25 for innovative community-based solutions to climate change</i>				
ACTIVITY SUB-TOTAL	TBD			

Budget Items	Total (USD)	External Requested	Self-Funded	In - Kind
I. Personnel	TBD			
<i>A. Salaries and Wages</i>	TBD			
II. Non-Personnel	TBD			
<i>A. Space Costs</i>	TBD			
<i>B. Material Costs</i>	TBD			
<i>C. Installation Costs</i>	TBD			
<i>D. Other Costs</i>	TBD			
<i>Conduct 5 train-the-trainer workshops aimed at equipping teachers and principals with knowledge of the relationship between environmental issues (including climate change) and the impacts to livelihoods</i>				
ACTIVITY SUB-TOTAL	\$3560.80	\$2100.00	\$1000.00	\$460.80
I. Personnel	\$3560.80	\$2100.00	\$1000.00	\$460.80
<i>A. Salaries and Wages</i>	<i>\$3560.80</i>	<i>\$2100.00</i>	<i>\$1000.00</i>	<i>\$460.80</i>
(1) Climate Change Consultant @ \$300.00/day x 7	\$2100.00	\$2100.00		
(1) Project Managers @\$9.60/hr x 48 hrs	\$460.80			\$460.80
(1) Facilitator @\$200.00/day x 5	\$1000.00		\$1000.00	
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Prepare age-appropriate education materials for students to better understand the linkage between environmental issues, ecosystems services and livelihoods</i>				
ACTIVITY SUB-TOTAL	\$2160.80	\$1400.00	\$300.00	\$460.80
I. Personnel	\$2160.80	\$1400.00	\$300.00	\$460.80
<i>A. Salaries and Wages</i>	<i>\$2160.80</i>	<i>\$1400.00</i>	<i>\$300.00</i>	<i>\$460.80</i>
(1) Project Managers @\$9.60/hr x 48 hrs	\$460.80			\$460.80
(1) Education consultant @\$200.00/ a day for 7 days	\$1400.00	\$1400.00		
(1) Focus Group	\$300.00		\$300.00	
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Host monthly parent/expert led webinars targeting students to educate on environmental topics</i>				
ACTIVITY SUB-TOTAL	\$2704.80	\$2100.00	\$144.00	\$460.80
I. Personnel	\$2704.80	\$2100.00	\$144.00	\$460.80
<i>A. Salaries and Wages</i>	<i>\$2560.80</i>	<i>\$2100.00</i>		<i>\$460.80</i>

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

Budget Items	Total (USD)	External Requested	Self-Funded	In - Kind
(1) Environmental Education Consultant @ \$300.00/day x 7	\$2100.00	\$2100.00		
(1) Project Managers @\$9.60/hr x 48 hrs	\$460.80			\$460.80
II. Non-Personnel	<i>\$144.00</i>		<i>\$144.00</i>	
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
Zoom Premium Membership (yearly)	\$144.00		\$144.00	
<i>Host annual events and activities that promote environmental awareness and action among, at least, 5 schools within each education district</i>				
ACTIVITY SUB-TOTAL	TBD			
I. Personnel	TBD			
<i>A. Salaries and Wages</i>	TBD			
II. Non-Personnel	TBD			
<i>A. Space Costs</i>	TBD			
<i>B. Material Costs</i>	TBD			
<i>C. Installation Costs</i>	TBD			
<i>D. Other Costs</i>	TBD			
<i>Collaborate with Civil Society Organisations to establish a climate-resilient, nature-based education centre to improve ecosystem-based livelihood potential within the Caribbean Region</i>				
ACTIVITY SUB-TOTAL	TBD			
I. Personnel	TBD			
<i>A. Salaries and Wages</i>	TBD			
II. Non-Personnel	TBD			
<i>A. Space Costs</i>	TBD			
<i>B. Material Costs</i>	TBD			
<i>C. Installation Costs</i>	TBD			
<i>D. Other Costs</i>	TBD			
<i>Establish garden-to-kitchen programmes and demonstration sites in at least 5 vulnerable communities</i>				
ACTIVITY SUB-TOTAL	\$6450.80	\$4990.00	\$1000.00	\$460.80
I. Personnel	\$3560.80	\$2100.00	\$1000.00	\$460.80
<i>A. Salaries and Wages</i>	<i>\$3560.80</i>	<i>\$2100.00</i>	<i>\$1000.00</i>	<i>\$460.80</i>
(1) Agricultural Consultant @ \$300.00/day x 7	\$2100.00	\$2100.00		
(1) Project Managers @\$9.60/hr x 48 hrs	\$460.80			\$460.80
(1) Facilitator @\$200.00/day x 5	\$1000.00		\$1000.00	
II. Non-Personnel	\$2890.00	\$2890.00		

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

Budget Items	Total (USD)	External Requested	Self-Funded	In - Kind
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	\$2890.00	\$2890.00		
(50) bags of topsoil @ \$25.00	\$1250.00	\$1250.00		
(50) bags of manure @ \$20.00	\$1000.00	\$1000.00		
(10) shovels @ \$9.00	\$90.00	\$90.00		
(10) trowels @ \$5.00	\$50.00	\$50.00		
Various seed packets	\$500.00	\$500.00		
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Compile register of local artisans and manufacturers focused on producing local ecosystem-based or environmentally sustainable products</i>				
ACTIVITY SUB-TOTAL	\$720.00		\$720.00	
I. Personnel	\$720.00		\$720.00	
<i>A. Salaries and Wages</i>	\$720.00		\$720.00	
(1) Researcher @\$15.00/hr x 48 hrs	\$720.00		\$720.00	
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Develop co-branding/profit sharing plans to endorse and market ecosystem-based/ environmentally sustainable products for at least 5 entrepreneurs</i>				
ACTIVITY SUB-TOTAL	\$3260.80	\$2800.00		\$460.80
I. Personnel	\$3260.80	\$2800.00		\$460.80
<i>A. Salaries and Wages</i>	\$3260.80	\$2800.00		\$460.80
(1) Marketing and Branding Consultant @ \$400.00/day x 7	\$2800.00	\$2800.00		
(1) Project Managers @\$9.60/hr x 48 hrs	\$460.80			\$460.80
II. Non-Personnel	TBD			
<i>A. Space Costs</i>	TBD			
<i>B. Material Costs</i>	TBD			
<i>C. Installation Costs</i>	TBD			
<i>D. Other Costs</i>	TBD			
<i>Market and communicate products via TTRCS website and community engagements</i>				
ACTIVITY SUB-TOTAL	\$2830.40	\$2100.00		\$730.40
I. Personnel	\$2330.40	\$2100.00		\$230.40
<i>A. Salaries and Wages</i>	\$2330.40	\$2100.00		\$230.40



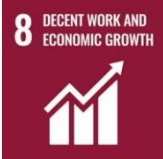
Budget Items	Total (USD)	External Requested	Self-Funded	In - Kind
(1) Marketing Consultant @ \$300.00/day x 7	\$2100.00	\$2100.00		
(1) Project Managers @\$9.60/hr x 24 hrs	\$230.40			\$230.40
II. Non-Personnel	<i>\$500.00</i>			<i>\$500.00</i>
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
Online advertising materials	\$500.00			\$500.00
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			








Budget Notes:






- Exchange rates assumed to be 1 USD to \$6.50 TTD
- A 'project manager' within the TTRCS is estimated to earn \$1536 USD per month.
- A cost of \$300 USD/day is used as the minimum cost for an external consultant/ resource.
- Figures are conservative based on best professional judgement and should be refined as a detailed work plan is developed for each activity.
- 'External Requested' refers to grants or loans provided by external parties to the TTRCS.
- 'Self-Funded' refers to cash contributed to the project through the TTRCS' income generated by the business unit.
- 'In Kind' refers to the value of time spent by TTRCS staff, value of TTRCS facilities, or non-monetary donations provided by TTRCS partners.



3.5.5 Programme Alignment


Table 9 - Alignment of 'Environmental Education, Awareness and Capacity-Building' with Key Policies.

PROGRAMME OBJECTIVES	POLICY LINKAGES	
	2018 NATIONAL ENVIRONMENTAL POLICY	UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS
<p>By 2023, the TTRCS will have the capacity to deliver online e-learning courses to certify persons in first aid, disaster response and enhanced Vulnerability and Capacity Assessment.</p>	<p>Priority Area: Fostering an Environmentally Responsible Society</p> <ul style="list-style-type: none"> • 2.19 (a) – Increase the capacity of government and non-governmental entities to maintain and provide accurate and legible environmental information of interest to the public via physical and digital media. • 2.20 (e) - Empower public agencies to undertake environmental communication, awareness and education programmes based on local environmental issues in a manner appropriate for the target community. <p>Priority Area: Addressing Climate Change & Environmental and Natural Disasters</p> <ul style="list-style-type: none"> • 2.23 (j) – Support institutional capacity building in the public, private and non-governmental sector towards emissions reduction, monitoring, verification and reporting. • 2.23 (x) - Conduct assessments of the climate risk and/or vulnerability of communities and/or sectors to the impacts of climate change, including the development of GIS-based climate risk maps. • 2.23 (bb) – Strengthen institutional arrangements within and among public, private and non-governmental sectors for conducting systematic observation, vulnerability assessments, research and climate modelling. • 2.24 (h) – Support government, private, and non-governmental efforts to enhance community resilience and preparedness for environmental disasters. <p>Implementation & Achieving Policy Actions</p> <ul style="list-style-type: none"> • 3.01 (c) - Support projects and programmes led by private sector and non-governmental organisation that are geared towards environmental education and compliance with environmental legislation. 	  

PROGRAMME OBJECTIVES	POLICY LINKAGES	
	2018 NATIONAL ENVIRONMENTAL POLICY	UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS
<p><i>By 2024, the TTRCS will enhance the capacity of communities to understand and adapt to climate change and reduce disaster risk.</i></p>	<p>Priority Area: Fostering an Environmentally Responsible Society</p> <ul style="list-style-type: none"> • 2.20 (a) - Continue to introduce environmental education from pre-school school age to adulthood, for both formal and informal sectors, with the goal of providing knowledge of both local and global environmental issues as well as the skills required to enable effective public participation, decision making and action. • 2.20 (c) - Mobilise resources and encourage partnerships among national, regional and international entities towards building public awareness and behavioural change. • 2.20 (f) – Support the development and promotion of mechanisms that provide viable solutions to environmental problems in communities. • 2.20 (h) - Ensure that all efforts at education, awareness-building and meaningful participation in decision-making regarding environmental and/or development issues encourage and facilitate the inclusion of marginalised groups such as indigenous peoples, the rural poor, children, youth, women, sick, disabled and elderly. • 2.22 (f) – Support education and awareness campaigns that promote avenues for environmental redress and remedies. <p>Priority Area: Addressing Climate Change & Environmental and Natural Disasters</p> <ul style="list-style-type: none"> • 2.23 (j) - Support institutional capacity building in the public, private and non-governmental sector towards emissions reductions, monitoring, verification and reporting. <p>Implementation & Achieving Policy Actions</p> <ul style="list-style-type: none"> • 3.01 (c) - Support projects and programmes led by private sector and non-governmental organisations that are geared towards environmental education and compliance with environmental legislation. 	    
<p><i>By 2025, at least 5 primary and secondary schools within each education district will have a TTRCS supported</i></p>	<p>Priority Area: Sustainably Managing Natural Assets</p> <ul style="list-style-type: none"> • 2.08 (n) – Encourage the economic and social valuation of ecosystem services to inform conservation and ecosystem management efforts. 	 

PROGRAMME OBJECTIVES	POLICY LINKAGES	
	2018 NATIONAL ENVIRONMENTAL POLICY	UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS
environmental programme.	<p>Priority Area: Fostering an Environmentally Responsible Society</p> <ul style="list-style-type: none"> • 2.19 (a) - Increase the capacity of government and non-governmental entities to maintain and provide accurate and legible environmental information of interest to the public via physical and digital media. • 2.20 (a) - Continue to introduce environmental education from pre-school school age to adulthood, for both formal and informal sectors, with the goal of providing knowledge of both local and global environmental issues as well as the skills required to enable effective public participation, decision making and action. • 2.20 (c) - Mobilise resources and encourage partnerships among national, regional and international entities towards building public awareness and behavioural change. • 2.20 (e) - Empower public agencies to undertake environmental communication, awareness and education programmes based on local environmental issues in a manner appropriate for the target community. • 2.20 (h) - Ensure that all efforts at education, awareness-building and meaningful participation in decision-making regarding environmental and/or development issues encourage and facilitate the inclusion of marginalised groups such as indigenous peoples, the rural poor, children, youth, women, sick, disabled and elderly. <p>Priority Area: Addressing Climate Change & Environmental and Natural Disasters</p> <ul style="list-style-type: none"> • 2.23 (t) – Develop and implement programmes aimed at enhancing public awareness and education on renewable energy. <p>Implementation & Achieving Policy Actions</p> <ul style="list-style-type: none"> • 3.01 (c) - Support projects and programmes led by private sector and non-governmental organisations that are geared towards environmental education and compliance with environmental legislation. 	  
By 2026, the food security and ability to develop entrepreneurial ecosystem-based livelihoods among vulnerable communities will	<p>Priority Area: Sustainably Managing Natural Assets</p> <ul style="list-style-type: none"> • 2.11 (c) - Encourage partnerships at the national, regional and international scale to develop a sustainable food production system that: <ul style="list-style-type: none"> i. Increases productivity and production. ii. Increases resilience to the impacts of climate change. 	 

PROGRAMME OBJECTIVES	POLICY LINKAGES	
	2018 NATIONAL ENVIRONMENTAL POLICY	UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS
<p><i>be enhanced.</i></p>	<p>iii. Maintains ecosystems; and iv. Improves the land and quality of soil.</p> <ul style="list-style-type: none"> • 2.11 (g) - Undertake, in collaboration with non-governmental organisations, private sector and community groups sustained public education and awareness campaigns that encourage sustainable agricultural practices, and the consumption of locally produced agricultural goods. <p>Priority Area: Addressing Climate Change & Environmental and Natural Disasters</p> <ul style="list-style-type: none"> • 2.23 (cc) - Support community-based adaptation and resilience building efforts led by governmental entities, private sector and/or non-governmental organisations. 	
<p><i>By 2025, ecosystem-based and environmentally friendly entrepreneurship will be nurtured by the TTRCS.</i></p>	<p>Priority Area: Evolving a Greener Economy</p> <ul style="list-style-type: none"> • 2.18 (j) – Support entrepreneurial efforts aimed to address environmental issues or foster economic prosperity in an environmentally responsible manner. <p>Implementation & Achieving Policy Actions</p> <ul style="list-style-type: none"> • 3.01(g) – Empower government organisations to engage in meaningful collaboration with non-governmental and private sector organisations towards sustainability. 	

PROGRAMME OBJECTIVES	POLICY LINKAGES	
	2018 NATIONAL ENVIRONMENTAL POLICY	UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS
		

3.5.6 Environmental and Social Safeguards and Gender.

All activities undertaken the Pillar will be subject to an assessment of environmental and social safeguards during project development and prior to implementation. Projects will be assessed against the International Finance Corporation (IFC) Performance Standards for managing environmental and social risks by a competent practitioner in environmental and social a safeguard. These risks shall be dutifully managed throughout the lifetime of the project. This shall ensure that communities and environment will be minimally impacted by the interventions proposed.

Results indicators and other data collected throughout described activities will be segregated by gender as best as possible. Prior to project implementation, a gender analysis will be done to preliminarily identify issues that may prevent the meaningful participation of men, women, or those of diverse genders. Data gathered throughout the lifetime of each project, and at its end will be subject to a gender analysis which would assess each project's success across six (6) gendered domains as done by the International Union for the Conservation of Nature (IUCN). These include Rights, Environment, Representation, Practice, Resources and Roles & Responsibilities.

3.6 Pillar 4: Sustainable Circular Economy

A circular economy shifts from the traditional linear model in which items are used and discarded after a short life cycle to a model where lifetimes of products are extended, and waste is used as a resource. Establishment of a circular economy is vital in managing the Earth's finite resources. This circular economic model manages natural resources, reduces wastes generated and reduces environmental pressures. It is imperative that individuals, organisations, and governments transition to this circular economic model to reduce their waste generation and implement sustainable practices.

This pillar of the TTRCS' 2022-2026 Environmental Programme sets the ambitious goal of reducing wastage and fostering circular economic principles in its operations and in the wider public. To this end, the pillar contains 3 programmes of work (sets of activities) with complementary objectives for a sustainable circular economy.

The total cost of implementing this programme is conservatively estimated to be **US\$13,366.80 (TT\$86,884.20)** which would be met through a combination of external financing, in-kind, and internal allocations. During project preparation, it is anticipated that project figures would be refined in greater detail. Co-financing for this project would be sought from the following entities with an interest in this area of work:

- United Nations Development Programme (UNDP), Inter-American Development Banks (IDB), Green Fund of Trinidad and Tobago, Global Environment Facility (GEF).

3.6.1 Goal and Objectives

Goal: Reduce wastage and foster circular economic principles in TTRCS operations and the wider public.

Objectives and Activities:

- By 2023, the TTRCS will understand its ecological footprint and implement strategies to reduce the solid waste produced and/or sent to landfill by at least 50%.
 - Conduct an analysis of its solid-waste generation across all branches, and its broader ecological footprint.
 - Prepare policy for improving organisational sustainability.
 - Implement organisation-wide recycling programme for solid waste.
 - Transitioning the organisation to paperless operations.
- By 2024, the TTRCS will support the mainstreaming of a recycling culture through its public efforts.

- Develop Action Plan for using the Red Cross' Children's Carnival as a mechanism for promoting environmental conscious and sustainability.
- Collaborate with ICARE to educate public on recycling efforts during public meetings and school engagements.
- Establish public ICARE collection sites at TTRCS Branches/locations.
- By 2025, the TTRCS will reduce wastage through its logistics and supply chain through sustainable procurement practices.
 - Develop internal standards, manuals, and tools to enable "sustainable procurement" of products and services
 - Develop training programme on "sustainable procurement" standards and tools.
 - Promote "sustainable procurement" tools among TTRCS stakeholders and partners to encourage adoption throughout the humanitarian sector.

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3.6.2 Programme Details

Table 10 - Activities, Outputs and Outcomes for 'Sustainable Circular Economy'

ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
<i>Objective: By 2023, the TTRCS will understand its ecological footprint and implement strategies to reduce the solid waste produced and/or sent to landfill by at least 50%.</i>									
Conduct an analysis of its solid-waste generation across all branches, and its broader ecological footprint.	3 months	<ul style="list-style-type: none"> • Consultant(s) w/ experience in solid-waste generation analysis • 4 meetings with staff 	<ul style="list-style-type: none"> • 1 analysis TTRCS's solid-waste generation across all branches, and its broader ecological footprint. 	The TTRCS will be aware of its solid-waste generation across all branches, and its broader ecological	<ul style="list-style-type: none"> • Completion of analysis TTRCS's solid-waste generation across all branches, and its broader ecological footprint. 	<ul style="list-style-type: none"> • Trinidad and Tobago Red Cross Society 	<ul style="list-style-type: none"> • Advisors Next Door Ltd. • Ronald Roach Consulting Ltd. 	External, Self-funded, In-kind.	US \$3460.80
Prepare policy for improving organisational sustainability.	3 months	<ul style="list-style-type: none"> • Consultant(s) w/ experience preparing policies in organisational sustainability • 4 meetings with staff 	<ul style="list-style-type: none"> • 1 policy for improving organisational sustainability. 	The TTRCS will be equipped with a policy for improving organisational sustainability. The TTRCS will increase its overall organisational sustainability.	<ul style="list-style-type: none"> • No. of improvements in policy to organisational sustainability. 	<ul style="list-style-type: none"> • Trinidad and Tobago Red Cross Society 	<ul style="list-style-type: none"> • Advisors Next Door Ltd. 	External, Self-funded, In-kind.	US \$1430.40
Implement organisation-wide recycling programme for solid waste.	2 months	<ul style="list-style-type: none"> • Internal committee to oversee implementation • Recycling bins for proper implementation 	<ul style="list-style-type: none"> • Plan for the recycling programme • Presentations to inform staff of the benefits of a recycling 	The TTRCS will be equipped with an implementation plan on an organisation-wide recycling programme for	<ul style="list-style-type: none"> • Prepared plan for the recycling programme • Comparison of solid-waste generation before and 	<ul style="list-style-type: none"> • Trinidad and Tobago Red Cross Society 		External, Self-funded, In-kind.	US \$921.60

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
		of programme • 4 meetings with staff	programme and how it can be done at home • An internal recycling competition between branches.	solid waste.	after implementation of recycling programme				
Transitioning the organisation to paperless operations.	12 months	• Consultant(s) w/ experience in digital administration and record keeping • Computers to transition to paperless operations. • Training materials (presentations, guidance notes, etc.). • Software and hardware upgrades. • 4 meetings with staff	• Fully paperless operations • Staff trained on how to use equipment • Proper disposal of paper files	The TTRCS will be equipped with a smooth transition to paperless operations	• No. of computers at use • No. of documents digitised	Trinidad and Tobago Red Cross Society		External, Self-funded, In-kind.	US \$2560.80
<i>Objective: By 2024, the TTRCS will support the mainstreaming of a recycling culture through its public efforts.</i>									
Develop Action Plan	3 months	• Consultant(s) w/	• 1 Action Plan for	The TTRCS will be	• No. of	Trinidad and	• Trinidad and	External, Self-	

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
for using the Red Cross' Children's Carnival as a mechanism for promoting environmental conscious and sustainability.		experience in the creative sector. • 3 meetings with staff	using the Red Cross' Children's Carnival as a mechanism for promoting environmental conscious and sustainability.	equipped with an Action Plan for using the Red Cross' Children's Carnival as a mechanism for promoting environmental conscious and sustainability.	mechanisms in action plan to promote environmental consciousness and sustainability.	Tobago Red Cross Society	Tobago Carnival Commission • EMA/ICARE • Tobago Festivals Commission Ltd.	funded, In-kind.	US \$1060.80
Collaborate with ICARE to educate public on recycling efforts during public meetings and school engagements.	3 months	• Education team • 2 meetings with staff and EMA staff	• 1 Public education plan on recycling • 1 Education plan on recycling for schools • Presentations and activities during public meetings and school engagements.	The TTRCS and ICARE will collaborate to educate public on recycling efforts during public meetings and school engagements.	• No. of presentations done to the public. • No. of co-branded public events.	•Trinidad and Tobago Red Cross Society • Environmental Management Authority	• EMA	External, Self-funded, In-kind.	US \$230.40
Establish public ICARE collection sites at TTRCS Branches/locations.	1 month	• 1meeting with staff and EMA staff • ICARE bins for TTRCS Branches/locations	• 3 ICARE bins for TTRCS Branches/locations with collection	The TTRCS will be equipped with public ICARE collection sites at Branches/locations	• No. of bins placed at Branches/locations	• Trinidad and Tobago Red Cross Society	• EMA	External, Self-funded, In-kind.	US \$630.40
<i>Objective: By 2025, the TTRCS will reduce wastage through its logistics and supply chain through sustainable procurement practices.</i>									
Develop internal	2 months	• Consultant(s) w/	• Development of	The TTRCS will be	• Internal	•Trinidad and	• Office of the	External, Self-	

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

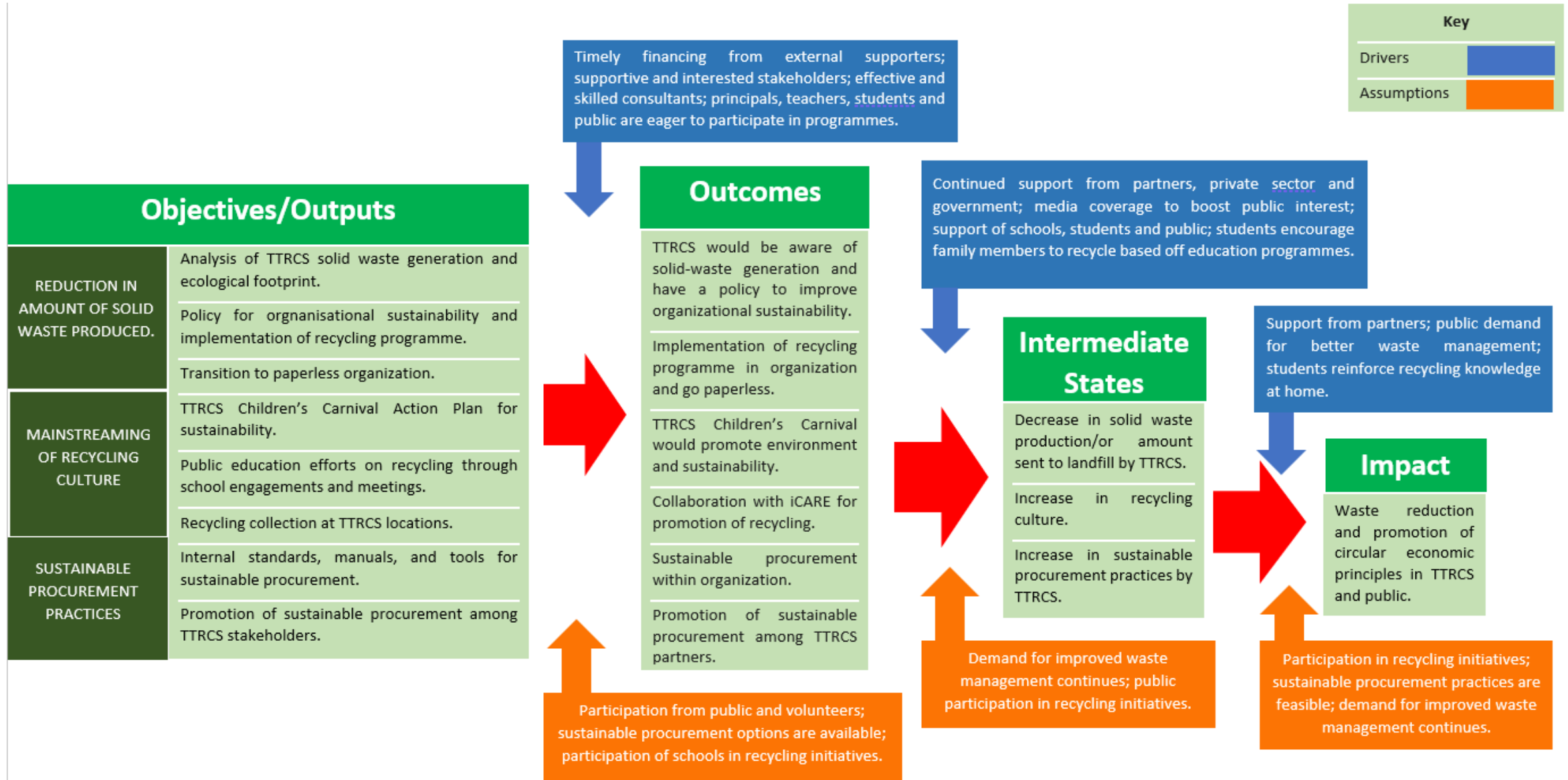
ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
standards, manuals, and tools to enable “sustainable procurement” of products and services		experience developing internal standards, manuals, and tools to enable “sustainable procurement” of products and services <ul style="list-style-type: none"> 4 meetings with staff 	internal standards, manuals, and tools to enable “sustainable procurement” of products and services	equipped with internal standards, manuals, and tools to enable “sustainable procurement” of products and services	standards developed <ul style="list-style-type: none"> Manuals developed Tools developed 	Tobago Red Cross Society	Procurement Regulator <ul style="list-style-type: none"> Advisors Next Door Ltd. 	funded, In-kind.	US \$1960.80
Develop and implement training programme on “sustainable procurement” standards and tools.	3 months	<ul style="list-style-type: none"> Consultant(s) w/ experience in “sustainable procurement” standards and tools 3 meetings with staff 	<ul style="list-style-type: none"> Training programme plan on “sustainable procurement” standards and tools Schedule on delivery of training 3 Trainings Delivered. 	The TTRCS will be trained on “sustainable procurement” standards and tools.	<ul style="list-style-type: none"> No. persons trained. Training Programme. Training Materials 	•Trinidad and Tobago Red Cross Society	• Advisors Next Door Ltd.	External, Self-funded, In-kind.	US \$680.40
Promote “sustainable procurement” tools among TTRCS stakeholders and partners to encourage adoption throughout the	3 months	<ul style="list-style-type: none"> Promotion team w/ knowledge of “sustainable procurement” tools 2 meetings with staff and among TTRCS 	<ul style="list-style-type: none"> Adoption of “sustainable procurement” tools among TTRCS stakeholders 	The TTRCS will be promote “sustainable procurement” tools among TTRCS stakeholders and partners to encourage	<ul style="list-style-type: none"> No. of adoptees throughout the humanitarian sector. 	•Trinidad and Tobago Red Cross Society <ul style="list-style-type: none"> TTRCS stakeholders and partners 	• Office of Procurement Regulator	External, Self-funded, In-kind.	US \$430.40

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

ACTIVITY	DURATION	INPUTS/ RESOURCES REQUIRED	OUTPUTS	OUTCOMES	KEY PERFORMANCE INDICATORS	BENEFICIARIES	POTENTIAL KEY PARTNERS	TYPE OF FUNDING	ESTIMATED COST (USD)
humanitarian sector.		stakeholders		adoption throughout the humanitarian sector.					

3.6.3 Theory of Change

Figure 7 - Theory of Change for 'Sustainable Circular Economy'



3.6.4 Budget

Table 11 - Budget for Activities under 'Sustainable Circular Economy'

Budget Items	Total (USD)	External Requested	Self-Funded	In - Kind
<i>Conduct an analysis of its solid-waste generation across all branches, and its broader ecological footprint</i>				
ACTIVITY SUB-TOTAL	\$3460.80	\$3000.00		\$460.80
I. Personnel	\$3460.80	\$3000.00		\$460.80
<i>A. Salaries and Wages</i>	<i>\$3460.80</i>	<i>\$3000.00</i>		<i>\$460.80</i>
(1) Waste Consultant @ \$300.00/day x 10 days	\$3000.00	\$3000.00		
(1) Project Managers @\$9.60/hr x 48 hrs	\$460.80			\$460.80
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Prepare Policy for improving organisational sustainability</i>				
ACTIVITY SUB-TOTAL	\$1430.40	\$1200.00		\$230.40
I. Personnel	\$1430.40	\$1200.00		\$230.40
<i>A. Salaries and Wages</i>	<i>\$1430.40</i>	<i>\$1200.00</i>		<i>\$230.40</i>
(1) Policy Consultant @ \$300.00/day x 4 days	\$1200.00	\$1200.00		
(1) Project Managers @\$9.60/hr x 24 hrs	\$230.40			\$230.40
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Implement organisation-wide recycling programme for solid waste</i>				
ACTIVITY SUB-TOTAL	\$921.60			\$921.60
I. Personnel	\$921.60			\$921.60
<i>A. Salaries and Wages</i>	<i>\$921.60</i>			
(1) Project Managers @\$9.60/hr x 96 hrs	\$921.60			\$921.60
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

Budget Items	Total (USD)	External Requested	Self- Funded	In - Kind
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Transitioning the organisation to paperless operations</i>				
ACTIVITY SUB-TOTAL	\$2560.80	\$2100.00		\$460.80
I. Personnel	\$2560.80	\$2100.00		\$460.80
<i>A. Salaries and Wages</i>				
(1) Digital Consultant @ \$300.00/day x 7 days	\$2100.00	\$2100.00		
(1) Project Managers @\$9.60/hr x 48 hrs	\$460.80			\$460.80
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	TBD			
<i>C. Installation Costs</i>	TBD			
<i>D. Other Costs</i>	-			
<i>Develop Action Plan for using the Red Cross' Children's Carnival as a mechanism for promoting environmental conscious and sustainability</i>				
ACTIVITY SUB-TOTAL	\$1060.80	\$600.00		\$460.80
I. Personnel	\$1060.80	\$600.00		\$460.80
<i>A. Salaries and Wages</i>	\$1060.80	\$600.00		\$460.80
(1) Creative Consultant @ \$300.00/day x 2	\$600.00	\$600.00		
(1) Project Managers @\$9.60/hr x 48 hrs	\$460.80			\$460.80
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Collaborate with ICARE to educate public on recycling efforts during public meetings and school engagements</i>				
ACTIVITY SUB-TOTAL	\$230.40			\$230.40
I. Personnel	\$230.40			\$230.40
<i>A. Salaries and Wages</i>	\$230.40			\$230.40
(1) Project Manager @\$9.60/hr x 24 hrs	\$230.40			\$230.40
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Establish public ICARE collection sites at TTRCS Branches/locations</i>				
ACTIVITY SUB-TOTAL	\$630.40		\$400.00	\$230.40

TRINIDAD AND TOBAGO RED CROSS SOCIETY ENVIRONMENTAL PROGRAMME 2022 - 2026

Budget Items	Total (USD)	External Requested	Self-Funded	In - Kind
I. Personnel	\$230.40			\$230.40
<i>A. Salaries and Wages</i>	\$230.40			\$230.40
(1) Project Managers @\$9.60/hr x 24 hrs	\$230.40			\$230.40
II. Non-Personnel	\$400.00		\$400.00	
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>				
(4) i-CARE Bins Transport @\$100.00/bin	\$400.00		\$400.00	
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Develop internal standards, manuals and tools to enable "sustainable procurement" of products and services</i>				
ACTIVITY SUB-TOTAL	\$1960.80	\$1500.00		\$460.80
I. Personnel	\$1960.80	\$1500.00		\$460.80
<i>A. Salaries and Wages</i>	\$1960.80	\$1500.00		
(1) Sustainable Procurement Consultant @ \$300.00/day x 5	\$1500.00	\$1500.00		
(1) Project Managers @\$9.60/hr x 48 hrs	\$460.80			\$460.80
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Develop training programme on "sustainable procurement" standards and tools</i>				
ACTIVITY SUB-TOTAL	\$680.40	\$450.00		\$230.40
I. Personnel	\$680.40	\$450.00		\$230.40
<i>A. Salaries and Wages</i>	\$680.40	\$450.00		\$230.40
(1) Sustainable Procurement Consultant @ \$300.00/day x 1.5 days	\$450.00	\$450.00		
(1) Project Managers @\$9.60/hr x 24 hrs	\$230.40			\$230.40
II. Non-Personnel	-			
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			
<i>Promote "sustainable procurement" tools among TTRCS stakeholders and partners to encourage adoption throughout the humanitarian sector</i>				
ACTIVITY SUB-TOTAL	\$430.40		\$200.00	\$230.40










Budget Items	Total (USD)	External Requested	Self-Funded	In - Kind
I. Personnel	\$230.40			
<i>A. Salaries and Wages</i>	\$230.40			
(1) Project Managers @\$9.60/hr x 24 hrs	<i>\$230.40</i>			<i>\$230.40</i>
II. Non-Personnel	\$200.00		\$200.00	
<i>A. Space Costs</i>	-			
<i>B. Material Costs</i>	-			
(1) Communication Package @\$200.00/package	<i>\$200.00</i>		<i>\$200.00</i>	
<i>C. Installation Costs</i>	-			
<i>D. Other Costs</i>	-			









Budget Notes:


- Exchange rates assumed to be 1 USD to \$6.50 TTD
- A 'project manager' within the TTRCS is estimated to earn \$1536 USD per month.
- A cost of \$300 USD/day is used as the minimum cost for an external consultant/ resource.
- Figures are conservative based on best professional judgement and should be refined as a detailed work plan is developed for each activity.
- 'External Requested' refers to grants or loans provided by external parties to the TTRCS.
- 'Self-Funded' refers to cash contributed to the project through the TTRCS' income generated by the business unit.
- 'In Kind' refers to the value of time spent by TTRCS staff, value of TTRCS facilities, or non-monetary donations provided by TTRCS partners.

3.6.5 Programme Alignment

Table 12 - Alignment of 'Sustainable Circular Economy' with Key Policies.

PROGRAMME OBJECTIVES	POLICY LINKAGES	
	2018 NATIONAL ENVIRONMENTAL POLICY	UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS
By 2023, the TTRCS will understand its ecological footprint and implement strategies to reduce the solid waste produced and/or sent to landfill by at least 50%.	<p>Priority Area: Protecting Environmental & Human Health through Pollution Control</p> <ul style="list-style-type: none"> • 2.04 (e) – Ensure that waste is recovered or disposed of without using processes or methods that can endanger human health, cause significant harm to the environment, and/or significant nuisance through noise, odour or loss of aesthetic appeal • 2.04 (g) - Encourage the public, private and non-governmental sectors, especially large and transnational companies, to adopt sustainable practices and integrate sustainability into their operations and reporting cycle. • 2.04 (l) - Support non-governmental organisations, private sector, and/or community-based efforts to prevent, reduce, reuse, recover, or recycle waste, including the use of waste as an energy source. • 2.04 (m) - Encourage and support the development of market-based economic instruments for the prevention, reduction, reuse and recycling of waste, including the use of waste as an energy source. 	    
By 2024, the TTRCS will support the mainstreaming of a recycling culture through its public efforts.	<p>Priority Area: Protecting Environmental & Human Health through Pollution Control</p> <ul style="list-style-type: none"> • 2.04 (l) - Support non-governmental organisations, private sector, and/or community-based efforts to prevent, reduce, reuse, recover, or recycle waste, including the use of waste as an energy source. • 2.04 (n) - Collaborate with non-governmental organisations, community-based organisations, the private sector and other governmental entities to build sustainable public education and awareness campaigns that highlight the consequences of improper waste disposal and encourage the prevention, reduction, reuse and recycling of waste. 	   

PROGRAMME OBJECTIVES	POLICY LINKAGES	
	2018 NATIONAL ENVIRONMENTAL POLICY	UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS
	<p>Priority Area: Improving the Local Environment</p> <ul style="list-style-type: none"> • 2.16 (c) - Encourage environmentally responsible behaviour and practices in the management of national festivals and events. <p>Priority Area: Fostering an Environmentally Responsible Society</p> <ul style="list-style-type: none"> • 2.20 (e) - Empower public agencies to undertake environmental communication, awareness and education programmes based on local environmental issues in a manner appropriate for the target community. <p>Implementation & Achieving Policy Actions</p> <ul style="list-style-type: none"> • 3.01 (g) – Empower government organisations to engage in meaningful collaboration with non-governmental and private sector organisations towards sustainability. 	 
<p><i>By 2025, the TTRCS will reduce wastage through its logistics and supply chain through sustainable procurement practices.</i></p>	<p>Priority Area: Protecting Environmental & Human Health through Pollution Control</p> <ul style="list-style-type: none"> • 2.04 (g) - Encourage the public, private and non-governmental sectors, especially large and transnational companies, to adopt sustainable practices and integrate sustainability into their operations and reporting cycle. • 2.04 (h) - Encourage and support partnership with regional and international organisations to support technical and institutional capacity development of sustainable patterns of consumption and production. <p>Priority Area: Evolving A Greener Economy</p> <ul style="list-style-type: none"> • 2.18 (g) - Encourage the growth and development of a circular economy in which waste is revalued and resources are recirculated locally as much as possible. 	     

PROGRAMME OBJECTIVES	POLICY LINKAGES	
	2018 NATIONAL ENVIRONMENTAL POLICY	UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS
		

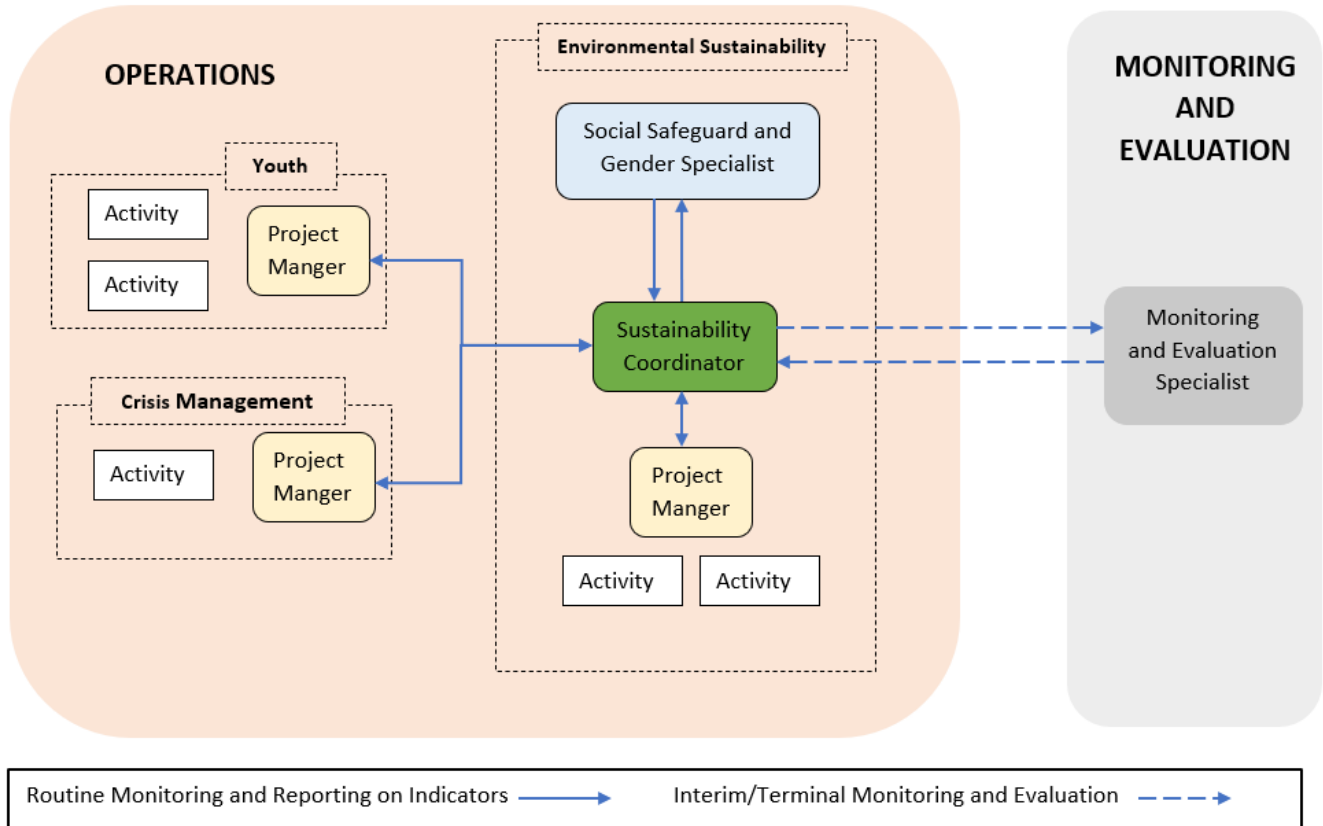
3.6.6 Environmental and Social Safeguards and Gender.

All activities undertaken the Pillar will be subject to an assessment of environmental and social safeguards during project development and prior to implementation. Projects will be assessed against the International Finance Corporation (IFC) Performance Standards for managing environmental and social risks by a competent practitioner in environmental and social a safeguard. These risks shall be dutifully managed throughout the lifetime of the project. This shall ensure that communities and environment will be minimally impacted by the interventions proposed.

Results indicators and other data collected throughout described activities will be segregated by gender as best as possible. Prior to project implementation, a gender analysis will be done to preliminarily identify issues that may prevent the meaningful participation of men, women, or those of diverse genders. Data gathered throughout the lifetime of each project, and at its end will be subject to a gender analysis which would assess each project's success across six (6) gendered domains as done by the International Union for the Conservation of Nature (IUCN). These include Rights, Environment, Representation, Practice, Resources and Roles & Responsibilities.

04. MONITORING AND EVALUATION

Figure 8 - Schematic Diagram showing the relationships between actors in the monitoring and evaluation process for the TTRCS Environmental Programme



At the project level, process indicators identified in the “Programme Details” table of each Pillar will be monitored by a *Project Manager*, or other suitable member of the staff as appointed by the President of the TTRCS. The *Project Manager* is the primary TTRCS focal point responsible for a given activity or portfolio of activities under a Pillar. These indicators have been developed based on the activities identified at the time of preparation of this programme but may be refined when reviewing activities for the preparation of Terms of References, as appropriate. Results indicators, including assessments of participation and impact of projects, will be disaggregated by gender as far as practicably possible.

Sex-disaggregated data and other data collected by the Social Safeguard and Gender Specialist will be monitored and analysed. Based on their findings of their gender analysis, they may make recommendations to the *Sustainability Coordinator* so that portfolios of activities can be better managed to remove gender bias and barriers to meaningful participation of men, women, and those of diverse genders.

The overall progress on the outcomes and objectives under each pillar will be monitored and evaluated by the *Sustainability Coordinator*, or other suitable member of staff as appointed by the President of the TTRCS. This will be done on a semi-annual basis. The *Sustainability Coordinator* will also be tasked with monitoring and

evaluating the budget and project spends of the *Project Manager(s)* and adjusting projects as necessary based on the analysis of gender issues gleaned from the sex-disaggregated data as provided by the *Social Safeguard and Gender Specialist*.

The Monitoring and Evaluation Function of the TTRCS serves as an independent body for evaluating projects in operations. Interim evaluation will be done at a frequency identified by the *Monitoring and Evaluation Specialist* in keeping with the protocols to be established under the TTRCS' Monitoring and Evaluation System. The *Monitoring and Evaluation Specialist* will be tasked with ensuring that the monitoring and evaluation criteria and frequencies required by external funders are adhered to by the *Project Manager(s)* and *Sustainability Coordinator*. For interim evaluations, the Monitoring and Evaluation Specialist will prepare evaluation reports containing necessary corrective measures. At terminal evaluation the *Monitoring and Evaluation Specialist* will prepare a final report detailing an assessment of performance in terms of efficiency and effectiveness; sustainability and scalability of results; and impacts and lessons learnt.

05. ENSURING PROGRAMME SUSTAINABILITY

Given the existing organisational structure, the TTRCS can implement the Environmental Programme 2022 – 2026. This approach, however, may be challenged for the following reasons:

1. Current Unit Heads/Coordinators would need to understand and balance the requirements of the environmental programme independently and in addition to their other work. This may be difficult given the complex nature of their 'primary' work.
2. Technical capacity in environmental issues, the landscape of actors and donors, and policies is low which would make developing funding proposals and TORs tough for existing staff.
3. There is no clear champion of the Environmental Programme to ensure that all units/branches remain focused and mainstream the programme's activities into their work.
4. The environmental funding landscape is rapidly evolving towards greater emphasis on environmental and social safeguards and gender analysis – skills that need to be built within the TTRCS.
5. Donors are increasingly emphasizing results and impact and so a strong monitoring and evaluation function must be established and maintained to access environmental financing soon.

Considering these issues, core technical capacity must be established in the near-term at the TTRCS for the programme to be immediately implementable and sustained over the next five years. The creation of a sustainability unit to oversee the implementation of this programme is strongly recommended. The approximate cost of establishing and maintaining this unit over 5 years is estimated to be **US \$267,692.31 (TT \$1,740,000.00)**. The unit will comprise of the following:

- ✓ (1) Sustainability Coordinator, full time (budgeted position).
- ✓ (2) Sustainability Officers, full time (budgeted position).
- ✓ (1) Environment and Social Safeguard Specialist contracted as needed (unbudgeted).
- ✓ (1) Gender Specialist contracted as needed (unbudgeted).

It is also recommended that the TTRCS establishes a monitoring and evaluation function. This should be staffed by an adequately trained monitoring and evaluation specialist that oversees this programme and other programmes undertaken by the TTRCS. Some of the core functions of the M&E specialist would include:

- i. Serves as the lead for the Monitoring and Evaluation Programme/System at the TTRCS.
- ii. Acts as an 'independent' body within the TTRCS to evaluate the environmental programme's progress, and lessons learned.
- iii. Supports the preparation of M&E plans for grant funding proposals.

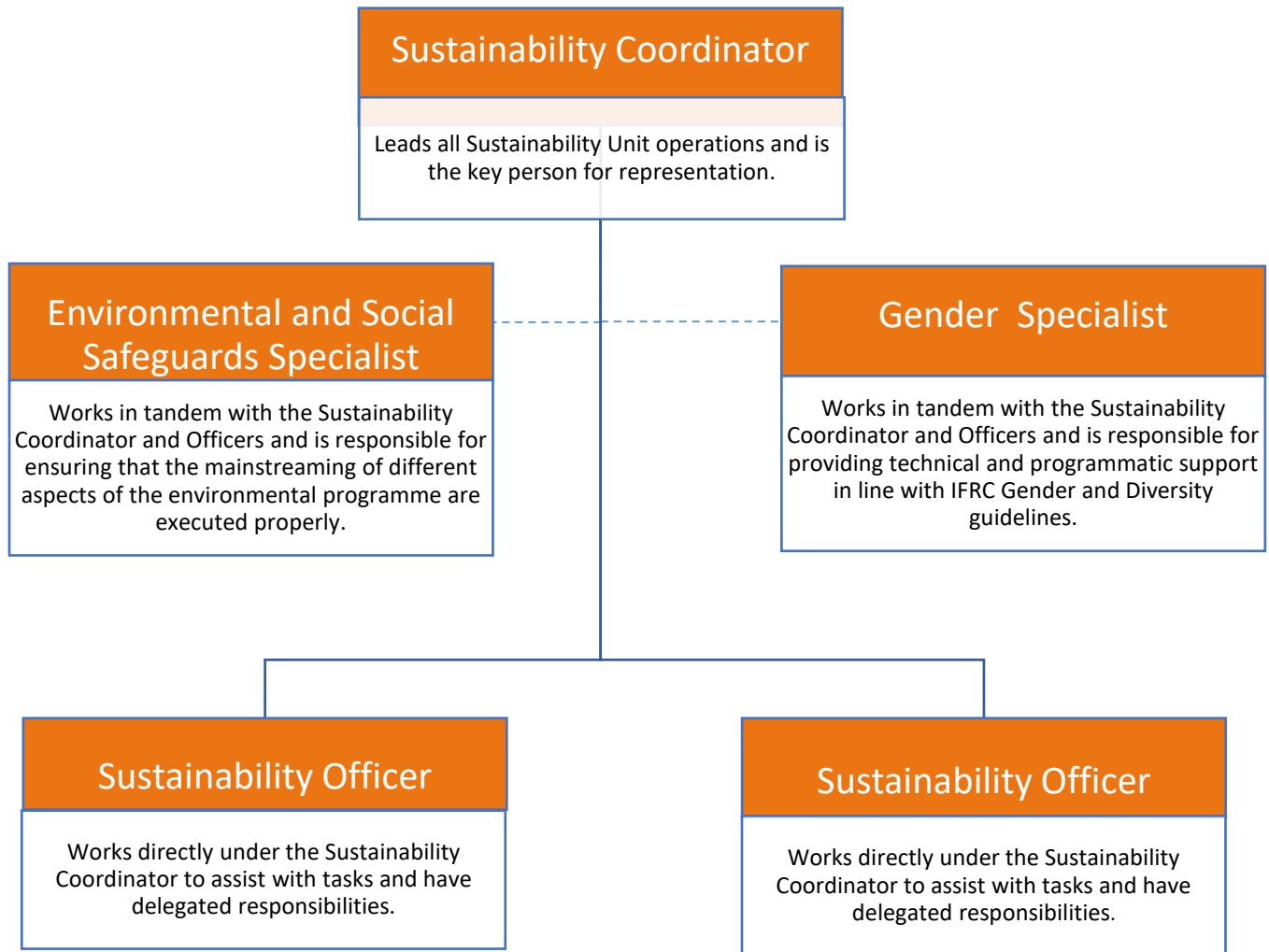
These roles will increasingly grow in demand and relevance for all environmental programmes. Having the in-house capacity at the TTRCS will reduce cost in the long-run and ensure that program funding and implementation is continuous and sustained.

5.1 The Sustainability Unit of the TTRCS

The Sustainability Unit of the TTRCS will be wholly responsible for the execution of the TTRCS Environmental Programme 2022-2026. The unit will report directly to TTRCS' core team but will be responsible for the entirety of its operations. Its responsibilities include, but are not limited to:

- Spearheading all activities, both internal and external, laid out in the Trinidad and Tobago Red Cross Society Environmental Programme 2022-2026.
- Manage financial record-keeping and reporting for the unit in accordance with TTRCS guidelines.
- Handle procurement of necessary materials in accordance with TTRCS procurement guidelines.
- Work hand-in-hand with TTRCS Crisis Management Unit, Youth and Community Development Units, and TTRCS core staff in support to carry out activities.
- Transparent reporting of project progress, and the overall annual progress of each activity and objective, in accordance with TTRCS/IFRC guidelines.
- Facilitate all communications with relevant partners/organisations as it relates to the execution of the Environmental Programme.

Figure 9 - Diagram Representing the Hierarchical Structure of the Sustainability Unit



5.2 Job Descriptions of Sustainability Unit

Position Title: Sustainability Coordinator

Salary: TT\$12,000.00/month

The main function of the Sustainability Coordinator is to be the focal point of the Sustainability Unit. This role is tasked with spearheading all the activities laid out in the TTRCS Environmental Programme 2022-2026, managing the flow of the Sustainability Unit, and facilitating interplay with TTRCS' core team, other TTRCS units, and partners/organisations relevant to aspects of the environmental programme. The Sustainability Coordinator reports to the TTRCS core group and oversees the Sustainability Unit.

Responsibilities:

- Spearheading and overseeing the implementation and completion of all the activities, both internal and external, laid out in the TTRCS Environmental Programme 2022-2026.
- Serves as the focal point and internal champion for coordinating and mainstreaming the Environmental Programme.
- Delegating tasks and responsibilities to relevant members of the Sustainability Unit.
- Overseeing financial record-keeping and annual account reporting to TTRCS in line with TTRCS guidelines on reporting.
- Facilitating communication between necessary partners/organisations for the implementation of programme activities.
- Ensuring smooth operations and interactions between team members.
- Performs Quality Assurance checks on all work performed by team members.
- Preparing technical documents and reports.
- Facilitating internal and external capacity building and training workshops.
- Works alongside the Social Safeguard and Gender Specialist to prepare grant fund proposals, and TORs for consultancies.

Technical Skills:

- Strong written comprehension.
- Demonstrated leadership experience and capabilities.
- Ability to work both in teams and independently.
- Excellent organizational and communication skills.
- Excellent time-management and prioritization skills.
- Strong facilitation and analytical skills.

Proficiencies:

- Master's degree in sustainability, environmental studies, social sciences, or related field.
- Minimum of three (3) years of experience in sustainability or environmental work, with a demonstrated knack for stakeholder engagement and facilitation.
- Demonstrated project management ability; Project Management Professional (PMP) certification is a plus.
- Strong command of national and international laws related to the environment, especially climate change, biodiversity, and solid waste.
- Strong network of national stakeholders in the environmental sector and ability to work well with TTRCS internal stakeholders.
- Familiarity with the proposal writing process for major funds.
- Experience managing projects in the environmental sector.
- History of outreach and community engagement is desirable.
- Demonstrated financial capabilities is a plus.
- Excellent knowledge of MS Office Suite.

Position Title: Sustainability Officer

Salary: TT\$8,500.00/month

The main function of the Sustainability Officer is to assist the Sustainability Coordinator in their roles and responsibilities. The exact responsibilities of the Sustainability Officer will be determined by the Sustainability Coordinator via delegation. The Sustainability Officer reports directly to the Sustainability Coordinator.

Responsibilities:

- Develop and execute work plans for activities listed in the TTRCS Environmental Programme 2022-2026.
- Assisting the Sustainability Coordinator with tasks and responsibilities as required.
- Preparing technical documents.
- Financial record-keeping and reporting.
- Facilitating capacity building and training workshops.
- Facilitating communication between necessary partners/organisations for the implementation of programme activities.
- Assisting the Gender and Environmental and Social Safeguards Specialists as needed.

Technical Skills:

- Strong written comprehension.
- Ability to work both in teams and independently.
- Excellent organizational and communication skills.
- Excellent time-management and prioritization skills.

Proficiencies:

- Bachelor's or Associate Degree in in sustainability, environmental studies, social sciences, or related field.
- Minimum of two (2) years of experience in sustainability or environmental work, with a demonstrated knack for stakeholder engagement and facilitation.
- Demonstrated project management ability; Project Management Professional (PMP) certification is a plus.
- History of outreach and community engagement is desirable.
- Demonstrated financial capabilities is a plus.
- Excellent knowledge of MS Office Suite.

Position Title: Environmental and Social Safeguards (ESS) Specialist

Salary: TBD

The main function of the ESS Specialist is ensuring that the mainstreaming of different aspects of the environmental programme are executed properly, and in line with environmental and social safety standards. The ESS Specialist reports directly to the Sustainability Coordinator and will work in tandem with them to execute the programme activities.

Responsibilities:

- Mainstreaming Environmental and Social Management Frameworks (ESMFs) both within TTRCS, and other external activities of the Sustainability Unit.
- Preparing activity and site specific Environmental and Social Management Plans (ESMPs) and overseeing its execution.
- Monitoring the ESMPs to ensure satisfactory implementation.
- Identifying training and capacity needs of the Sustainability Unit, the activities of the environmental programme, and TTRCS and its sub-groups.
- Advises on ESS considerations for projects.
- Advises and supports the Sustainability Unit on ESS issues.
- Prepares ESS reports after each activity, and on an annual basis.
- Facilitates communication with relevant partners/organisations as it relates to ESS.

Technical Skills:

- Strong written comprehension.
- Ability to work both in teams and independently.
- Excellent organizational and communication skills.
- Excellent time-management and prioritization skills.
- Strong facilitation and analytical skills.

Proficiencies:

- Advanced Degree in environmental science, social science, finance, civil engineering, or related field.
- At least four (4) years of experience in ESS, occupational health and safety, environmental impact assessment, social impact assessment, environmental health and safety, or related field.
- Demonstrated experience in ESS or related projects.
- Firm knowledge of IFC Performance Standards for Environmental and Social Safeguards.
- Certifications and qualifications in ESS is not required but is considered an asset.
- Excellent knowledge of MS Office Suite.

Position Title: Gender Specialist

Salary: TBD

This role's main function is to promote gender equality in both the workplace and ensure the gender aspect is mainstreamed in all projects for the execution of the programme in adherence with the IFRC gender policy. This role will encompass lending both technical and logistic support to the sustainability unit and ensuring gender is adequately incorporated.

Responsibilities:

- Provides technical assistance and guidance on gender considerations to the projects undertaken by sustainability unit.
- Advises and supports the sustainability unit on gender issues.
- Advises on gender issues and gender consideration for projects.
- Ensures gender components and gender equality is well integrated into projects.
- Manages and oversees gender components of projects.
- Conducts gender-sensitive analyses to ensure that all gender needs of the projects are being met and addressed.
- Mainstreams gender into all project activities, management tools and tracks gender equality results from data collected.

Technical Skills:

- Excellent organization and communication skills
- Ability to work both in teams and independently.
- Strong facilitation and analytic skills
- Excellent time-management skills and ability to prioritize tasks

Proficiencies:

- Master's degree in social sciences, gender studies, international studies, or related discipline with focus on gender.
- Minimum of four (4) years of experience in social work, gender analysis and integration at a community level, implementing gender strategies, mainstreaming gender.
- Substantial experience in designing, monitoring, and evaluating gender projects.
- Excellent knowledge of MS Office Suite.



VOLUNTEER

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