



## ADAPTATION FUND

# PRE-CONCEPT FOR A REGIONAL PROJECT/PROGRAMME

## PART I: PROJECT/PROGRAMME INFORMATION

Title of Project/Programme:	Increasing resilience of the education system to climate change impacts in the Eastern Caribbean region
Countries:	Antigua and Barbuda, the Commonwealth of Dominica and St Lucia
Thematic Focal Area <sup>1</sup> :	Disaster risk reduction and early warning systems
Type of Implementing Entity:	Multilateral
Implementing Entity:	United Nations Human Settlements Programme
Executing Entities:	Regional: OECS; CDEMA. National: Ministries of education in coordination with Ministries of Environment; NGOs;
Amount of Financing Requested:	USD 14 million

### Project / Programme Background and Context

#### Problem and needs description

Eastern Caribbean countries are exposed to a variety of similar natural hazards, including hurricanes, floods, landslides, droughts and fires. These hazards have compromised countries' poverty reduction strategies, hindered development gains and negatively impacted various sectors, including the educational systems. The impacts of these hazards are already being magnified by the effects of climate change, including more frequent and severe extreme weather events / disasters (i.e. hurricanes, floods and droughts). Low-lying states and states with limited renewable water sources in the Caribbean are especially vulnerable to these effects, which pose significant risks to public safety and health, assets and natural resources.

In terms of total population affected by climate change-related disasters and impacts on GDP, SIDS are extremely vulnerable. In the Commonwealth of Dominica, hurricanes' related losses to GDP were 80 percent in 1995, 97 percent in 2015 and 270 percent in 2017. Disasters have a major impact on the education system and thus on children and youth. Studies suggest<sup>2</sup> that worldwide, each year, 175 million children are likely to be affected by natural hazards, and children in the Caribbean are no exception. The 2017 hurricane season affected Dominica with 18,500 school-aged children out of school, and 72 Government primary and secondary schools were damaged or destroyed. Children from Barbuda and Dominica had to be temporarily relocated to Antigua to attend classes. These figures are likely to increase unless populations improve their capacity to anticipate, prepare, adapt and become more resilient to such events.<sup>3</sup> Besides that, expected increased shortages of basic services and fresh water availability has been recognised<sup>4</sup> as a main challenge in the region, especially when disasters hit.

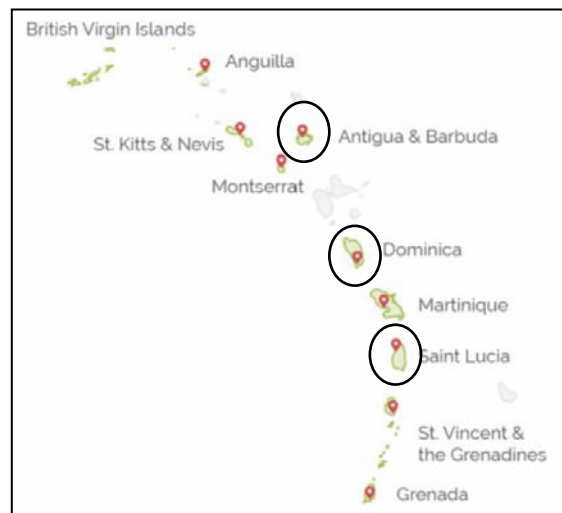


Figure 1: OECS members states, associated members and project focus states

<sup>1</sup> Thematic areas are: Food security; Disaster risk reduction and early warning systems; Transboundary water management; Innovation in adaptation finance.

<sup>2</sup> Atle Dyregrov et al (2018). Online <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6095022/>

<sup>3</sup> 2<sup>nd</sup> ministerial safe schools forum. CN (April 2019). Online:

Most Eastern Caribbean countries however, are small and resources are scarce or non-existent for each to carry out adaptation-related tasks on an individual basis. Although ministries recognize the need of increased collaboration (see below), funding for concrete adaptation action and related knowledge sharing is lacking.<sup>5</sup>

### **Climate change trends, impacts and vulnerabilities**

The Eastern Caribbean region consists of mostly Small Islands Developing States (SIDS) and is classified as being among the most vulnerable regions of the world to climate change.<sup>6</sup> Climate variability and change is already being observed in the region, including increased temperatures, annual warm spells of more than 100 days, decreased precipitation, rising sea levels at a rate of 1.7–1.9mm year between 1950 and 2009 and an increase in the occurrence of extreme events including droughts and more intense hurricanes. At the 2.0 degrees celsius target, there is additional warming by 0.2–1.0 degree celsius, a further extension of warm spells by up to 70 days, a shift to a predominantly drier region (5%–15% less than present day), and a greater occurrence of droughts.<sup>7</sup> Impact studies provide<sup>8</sup> growing evidence of adverse impacts on key socioeconomic activities and sectors that determine quality of life in the region, including water availability (i.e. decreased freshwater stocks), agriculture and food production (i.e. loss of land and changes fish species), health (increase vectorborne diseases), natural resources and biodiversity, and tourism. The cumulative impact has been hindering the attainment of regional development goals and slow the growth of Caribbean economies. The vulnerability arises from an extreme sensitivity to climate due to (among other things) 1) the small sizes and/or complex topographies of the constituent territories, which limit where population centers and economic zones may be located; 2) a near-exclusive reliance on climate sensitive economic activities such as agriculture and tourism; 3) an overwhelming dependence on rainfall for water; 4) high public debt; and 5) limited hazard forecasting and adaptation capabilities.<sup>9</sup> Through an OECS stakeholder engagement process,<sup>10</sup> consensus was reached on the priority adaptation sectors for the region, which are disaster risk reduction given the high vulnerability of the region to extreme events, and water. As mentioned above, youth and children are among the most vulnerable to disasters, especially when it comes to the education sector.

### **Approach of the project**

Despite limited climate change action and knowledge sharing on climate change at the regional level, political commitment has been established for climate change action in the education sector at the regional and national level through the Antigua and Barbuda Declaration on School Safety, which was signed by 12 Caribbean Ministries of Education and the development of a Regional Road Map on School Safety. This was established through the organisation of the 1st and 2nd Caribbean Ministerial Safe School Forums were organized in 2017 and 2019.

The above road map and approach include establishing an **enabling environment** for safe schools (incl. policies and plans) with three pillars: **1) safe learning facilities** (incl. standardised school safety assessment), **2) school disaster management** (incl. multi-hazard school safety plans and guidance documents) and **3) risk reduction and resilience education** (incl. curricula and trainings on disaster risk management). The approach will ensure that the school facilities, which also serve as emergency shelters, will be fully accessible to all, particularly for persons who are differently abled, and assure the functioning as education facilities in times emergencies. This project aims to support rolling out this road map in the target countries. This will be done through collaboration between the regional Organisation of Eastern Caribbean States (OECS), which is an economic union comprising ten Member States and the target country member states. The project will advance the responsiveness of the education

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[https://www.unisdr.org/files/63939\\_SecondMinisterialSafeSchoolForum\\_Concept-Note-2019V4.pdf](https://www.unisdr.org/files/63939_SecondMinisterialSafeSchoolForum_Concept-Note-2019V4.pdf)

<sup>4</sup> OECS (2018) Eastern Caribbean Regional Climate Change Implementation Plan. Online:

[https://www.preventionweb.net/files/58303\\_fcoeasterncaribbeanregionalclimatec.pdf](https://www.preventionweb.net/files/58303_fcoeasterncaribbeanregionalclimatec.pdf)

<sup>5</sup> UNDP and UNEP (2017) regional briefing on National Adaptation Plans: Caribbean in focus. Online:

[https://reliefweb.int/sites/reliefweb.int/files/resources/regional\\_briefing\\_on\\_naps\\_caribbean.pdf](https://reliefweb.int/sites/reliefweb.int/files/resources/regional_briefing_on_naps_caribbean.pdf)

<sup>6</sup> Tayler et al (2018) Future Caribbean Climates in a World of Rising Temperatures: The 1.5 vs 2.0 Dilemma. Online:

[https://unfccc.int/sites/default/files/resource/63\\_Taylor%201.5%20Paper.pdf](https://unfccc.int/sites/default/files/resource/63_Taylor%201.5%20Paper.pdf)

<sup>7</sup> Idem

<sup>8</sup> Idem

<sup>9</sup> Idem

<sup>10</sup> OECS (2018) Eastern Caribbean Regional Climate Change Implementation Plan. Online:

[https://www.preventionweb.net/files/58303\\_fcoeasterncaribbeanregionalclimatec.pdf](https://www.preventionweb.net/files/58303_fcoeasterncaribbeanregionalclimatec.pdf)

sector/construction sector to extreme events brought about by climate variability/climate change. This is done through the integration of lessons learnt from recent events into school safety assessment criteria (of the physical building) and into design considerations for retrofitting / upgrading school facilities. Furthermore, design considerations will also be coupled with sustainable building construction / retrofitting principles.

## Project / Programme Objectives

**Overall objective:** Increasing resilience of the education system to climate change impacts in the Eastern Caribbean region

Table 1: main problems and sub-objectives of the project to respond to these

	Problem	Sub-objective
1 Enabling Environment	There is institutional dysconnectivity and a diversity of policies across countries with respect to the climate change and disaster resilience and use of shelters / schools	Strengthen a regional and national institutional enabling framework that supports increasing the resilience of the education system, including replication and upgrading options
2 (in line with pillar 3: risk reduction and resilient education and pillar 2: School disaster management)	Limited skills and knowledge at school and community level related to climate resilience activities and behaviours and Lack of climate change adaptation / disaster management plans, especially related to learning facilities	Increase community / school level awareness, knowledge and ownership of adaptation planning and measures
3 (in line with pillar 1: Safe learning schools)	Children are at risk because the schools are not safe and a considerable part of the school materials losses would be avoided if protective measures were adopted in advance of storms	Increase the resilience of learning facilities through design / construction, including to water scarcity

## Project / Programme Components and Financing

Table 2: project components and financing

Project /Programme Components	Expected Outcomes	Expected Outputs (number to be provided in concept note)	Countries	Amount (US\$) (very rough estimations)
Regional and national institutional enabling framework that supports increasing the resilience of the education system, including replication and upgrading options	Strengthened enabling framework to increase the resilience of the education sector in the Eastern Caribbean region  Tools, capacities, policies, plans procedures and regulations are reviewed and improved to ensure that every new school is a safe / resilient school and being suitable as temporary shelter  In line with AF outcomes 1, 2 and 7	<u>Data / information (tools)</u> <ul style="list-style-type: none"> <li>School building condition assessment tool of the MSSP toolkit developed to follow the standards referenced in the "Guidelines for the Locating and Designing of Disaster Resilient Schools for the OECS" + being climate resilient</li> <li>Spatially-enabled database of schools developed to identify and prioritize unsafe schools for retrofitting or replacement</li> </ul> <u>Capacities:</u> <ul style="list-style-type: none"> <li>Cadre of building construction specialists trained on and rostered to apply the Building Condition Assessment Tool</li> <li>Regional and national trainings / meetings to align policies / plans and share lessons</li> </ul> <u>Policies / plans, procedures and regulations</u> <ul style="list-style-type: none"> <li>Regional / National Safe School Policy improved to include climate change resilience design / building standards and standards established for schools to function as temporary shelters + replication / upscaling options identified / lessons learned shared</li> </ul>	Antigua and Barbuda, Dominica and St Lucia	Around 20 %
Community / school level awareness, knowledge and ownership of adaptation	Strengthened awareness, knowledge and ownership of climate change impacts and adaptation options and planning processes at local level / schools	<ul style="list-style-type: none"> <li>Schools safety assessments conducted and costed action and maintenance plans developed for X schools / communities</li> <li>Risk reduction and resilience education</li> <li>Trainings on above</li> </ul>	Antigua and Barbuda, Dominica and St Lucia	Around 15 %

planning and measures	In line with AF outcome 2 and 3			
Resilient learning facilities through design / construction, including to water scarcity	Increased adaptive capacity within the education sector / school facilities  Unsafe schools have been identified and prioritized for retrofitting or replacement  In line with AF outcome 4	- Most unsafe / non resilient schools upgraded / retrofitted or replaced according to action plans and to comply to safe / resilient standards and preferred function (or not) as temporary shelter (based on standardised school safety / resilience assessment and resilient construction design standards) (number of schools to be identified during CN)	Antigua and Barbuda, Dominica and St Lucia	Around 65 %
5. Total components				11,677.420
6. Project/Programme Execution cost				1,225.806
7. Total Project/Programme Cost				12,903,226
8. Project/Programme Cycle Management Fee charged by the Implementing Entity				1,096,774
<b>Amount of Financing Requested</b>				<b>14,000,000</b>

**Project Duration:** 4 years

## PART II: PROJECT / PROGRAMME JUSTIFICATION

### Project component and innovation

The Caribbean region benefits from some experiences in regional collaboration on adaptation, through regional organisations such as the Caribbean Community Climate Change Centre (CCCCC) and regional bodies such as the Organisation of Eastern Caribbean States (OECS) and its Council of Ministers of Environment and CDEMA on DRR. These experiences provide a basis for advancing regional level planning, the setting of joint policies and standards, knowledge sharing and implementation of adaptation measures<sup>11</sup> through this project. Component 1 will ensure an enabling framework is developed to support this, while component 2 ensures local ownership of the project. Component 3 entails the design and construction of resilient learning facilities. Advancing adaptation activities at the regional level is innovative in the Caribbean region, especially in the education sector. Moreover, locally, the innovation would be to ensure that model schools (those that will be supported) are 'green', i.e. use sustainable energy and manage water efficiently, and are safe (from hurricanes) for children and other users, including teachers and community members, as piloted on Antigua currently, with positive effects on minimizing school interruptions. The aim is to enhance a culture of assessment of performance overtime and improvement based on evidence, with increased compliance to standards (i.e. building codes, national and OECS guidelines, etc.).

### Economic, social and environmental benefits

Project benefits include cost efficiency (through regional approach) and cost avoidance (damage by hazards / hurricanes), as well as increased safety and access (through resilient school facilities) of vulnerable groups, including children, youth and people living with disabilities. Water access will also be more secured for the same groups, especially in time of hazards. Moreover, knowledge on climate change and disaster responses will be increased through a regional approach. Details on economic, social and environmental benefits, especially for the most vulnerable, will be provided in the concept note proposal.

### Cost-effectiveness

Through a regional led-programme, economies of scale can improve the collective efficiency of climate-related programmes. Sharing the administrative burden of programme management is one example of how economies of scale could increase implementation efficiency. In addition, regional collaboration will improve the knowledge transfer process.<sup>12</sup> As for concrete interventions (resilient school facilities), these will avoid future costs related to hurricane impacts (i.e. damages) and water scarcity. Target school facilities will be selected based on multiple criteria, but will include a cost per beneficiary calculation. This will be provided in the concept note proposal.

<sup>11</sup> UNDP and UNEP (2017) regional briefing on National Adaptation Plans: Caribbean in focus. Online: [https://reliefweb.int/sites/reliefweb.int/files/resources/regional\\_briefing\\_on\\_naps\\_caribbean.pdf](https://reliefweb.int/sites/reliefweb.int/files/resources/regional_briefing_on_naps_caribbean.pdf)

<sup>12</sup> OECS (2018) Eastern Caribbean Regional Climate Change Implementation Plan. Online: [https://www.preventionweb.net/files/58303\\_fcceasterncaribbeanregionalclimatec.pdf](https://www.preventionweb.net/files/58303_fcceasterncaribbeanregionalclimatec.pdf)

### **Learning and knowledge management**

Across the region, there is a lack of data and information to provide evidence for informed decision-making and measures on adaptation. Many countries have undertaken limited stakeholder consultation, and sustaining stakeholder involvement in adaptation planning is a challenge. Lessons learned are rarely captured and applied, and there are limited frameworks for monitoring and evaluation of adaptation beyond project level.<sup>13</sup>

The project will support the development of a regional framework to generate and collect data and share relevant lessons between countries with the purpose to replicate and upscale measures. Focus will be on supporting the implementation of the Comprehensive Safe School Framework through the Model Safe School Programme in the Caribbean for public and private facilities at all levels, with the purpose to specifically support:

- ☐ A regional climate change and disaster risk information management and monitoring network for informed decision-making at all levels
- ☐ Best practice resilient education facilities design portfolio for fact-based policy and decision-making
- ☐ The incorporation of local / community and sectoral based knowledge into assessments
- ☐ Education and trainings materials for comprehensive climate change and disaster management

Knowledge will be managed and shared through OECS, CDEMA and the National Safe School Programme Committees, which are chaired by the focal point within each respective MoE to CDEMA.

### **Consistency with (inter)national strategies**

The project is consistent with regional strategies, especially the OECS Eastern Caribbean Regional Climate Change Implementation Plan (including an in-the-making gender approach), the Caribbean comprehensive disaster management strategy and programming framework 2014-2024<sup>14</sup> and the CARICOM/5Cs resilience strategy 2018-2028. The project aims to support implementation of the Antigua and Barbuda Declaration on School Safety and Regional Roadmap for implementation.

The project is also consistent with national strategies of each country, especially the initial NDCs, the NAPs (incl. education) and 2<sup>nd</sup> and 3<sup>rd</sup> National Communications to the UNFCCC, but also with national DRR strategies and relevant national development strategies. During the concept note development stage, details about consistency with these strategies will be provided. Besides, the project is consistent with global strategies, including the Paris agreement, the 2030 agenda for Sustainable Development (with emphasis on goals 4, 5, 6, 11, 13) and the Sendai Framework for Disaster Risk Reduction.

Specific initiatives that inform DRR planning in the education sector include the Hyogo Framework for Action 2005–2015 (HFA), the Inter-Agency Network for Education in Emergencies (INEE) Minimum Standards, Sustainable Development Goals and the United Nations Children's Fund's (UNICEF) Basic Commitment to Children in Emergency Situations.

### **Compliance to national technical standards**

The project will fully align with (inter)national technical standards, including for conducting environmental and social impacts assessments required by law, land use planning, building codes, etc. If environmental and social impact assessments are required for proposed interventions, this will be done during the full project development phase. During the concept note development phase, all relevant standards will be identified and compliance procedures and requirement elaborated upon.

### **Consultative process**

For the pre-concept note, meetings were held with AF focal points, different ministries focal points and regional entities (OECS, CDEMA) and UNICEF to align with regional and national priorities and to avoid overlap with other projects. During the concept note development stage, consultations will be held with

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<sup>13</sup> UNDP and UNEP (2017) regional briefing on National Adaptation Plans: Caribbean in focus. Online: [https://reliefweb.int/sites/reliefweb.int/files/resources/regional\\_briefing\\_on\\_naps\\_caribbean.pdf](https://reliefweb.int/sites/reliefweb.int/files/resources/regional_briefing_on_naps_caribbean.pdf)

<sup>14</sup> The Strategy prioritizes four areas for addressing DRM issues, generally summarized as (i) institutional strengthening, (ii) knowledge management for CDM, (iii) mainstreaming of CDM into key sectors and (iv) building and sustaining community resilience. More specifically, Priority Area 2 of the Strategy aims to achieve "Increased and sustained knowledge management and learning for Comprehensive Disaster Management": <https://www.cdema.org/CDMStrategy2014-2024.pdf>



regional entities, National and local governments, UN agencies, NGO's, local communities and vulnerable groups and other relevant stakeholders (e.g. students) to identify vulnerabilities, needs, priorities and potential environmental and social risks and impacts. During the full proposal development phase, consultations will focus on selecting the specific adaptation interventions needed with communities and vulnerable groups based on an assessment and analysis of adaptation benefits, cost effectiveness, feasibility and environmental and social risks and impacts, especially for the most vulnerable groups (women, youth, elderly, disabled people, indigenous groups, etc.).

#### **Duplication with other funding sources**

The project will avoid (geographic) overlap with other projects and use lessons learned where possible. During the concept note development phase, all projects and their lessons learned, complimentary potential and non-duplication will be mapped. At this stage, OECS, CDEMA, UNICEF and government officials at the ministry level confirmed there is no overlap. Climate change adaptation in the education and water sectors is currently covered by very few projects in the region. Presently, most of the projects are 'soft' projects, mainly aiming at providing assessments of sector needs and capacity building. Nevertheless, some regional and national projects can provide starting points and learning opportunities for the development of an OECS wide programme on climate change, especially focused on the education sector. For example, the "Reducing Risks to Human and Natural Assets Resulting from Climate Change" project (RRACC) is raising awareness and providing training for rainwater harvesting techniques in the OECS. An initial mapping of relevant project has been conducted and can be shared on request.

#### **Sustainability of the project**

The project will be sustained by the strong linkage to (inter)national priorities (i.e. buy-in), by mainstreaming outcomes into (inter)national strategies and their monitoring framework and through the engagement of local affected communities in planning, maintenance, monitoring and training activities. It is also sustained through the involvement and capacity building of (inter)national governments, local communities and vulnerable groups (e.g. skills development) during the processes and through development of knowledge products and sharing of lessons. Maintenance arrangements for the proposed concrete interventions will be identified during the concept note development phase.

#### **Justification for funding requested**

The project will support the implementation of regional and national priorities and innovative approaches as well as responding to local needs, especially of the most vulnerable, for which funding and coordination is currently lacking. The proposed project interventions/ activities are important for the region and target countries to cope with current and future climate change impacts, especially hurricanes, and to avoid related costs and victims, especially in the education sector.

#### **The environmental and social impacts and risks identified**

The proposed project seeks to fully align with the Adaptation Fund's Environmental and Social Policy (ESP) and Gender Policy (GP). During the concept note proposal phase, the entire project and all project components and activities will be screened against the 15 AF principles to identify potential environmental and social risks and impacts. A gender approach / baseline will also be developed. The project will also actively support a rights-based approach: to reaffirm the right to quality and inclusive education for all. For the potential risks identified, impact assessments will be conducted if required by national and / or commensurate to the risks. If needed, measures to avoid or mitigate potential risks will be proposed to reduce risks to manageable levels. During the full proposal phase, an ESMP will be developed. With the information available at this stage, the project is expected to fall into low C or perhaps medium risk category B because interventions will be very small and localised. Information required to further assess this classification, also for each intervention / activity, will be provided at the concept stage. This information will include detailed information per intervention / activity so that these can be regarded as Identified sub-projects.

### **PART III: IMPLEMENTATION ARRANGEMENTS**

UN Habitat will be the implementing entity for the project ensuring quality project oversight and management and specific technical support for climate change resilience related areas. In the target countries, national executing entities will be the ministries responsible for climate change and DRR (in cooperation with the ministries of education). At the regional level, coordination / execution of project

activities will be supported through the OECS, together with Caribbean Disaster Emergency Management Agency (CDEMA), which has been working directly with the education ministries in the target states. For the execution of community / school-level concrete interventions and community involvement, local partners will be identified during the concept note development phase.

## **PART IV: ENDORSEMENT BY GOVERNMENTS AND CERTIFICATION BY THE IMPLEMENTING ENTITY**

### **A. Record of endorsement on behalf of the government<sup>15</sup>**

Country	Name and position	Date of endorsement
ANTIGUA AND BARBUDA	Ms. Diann Black-Layne Chief Environment Officer and Ambassador for Climate Change Ministry of Agriculture, Lands, Housing and the Environment	1 August 2019
DOMINICA (the Commonwealth of DOMINICA)	Lloyd Pascal Senior Policy advisor Ministry of environment, climate resilience, disaster management and urban renewal	2 August 2019
SAINT LUCIA	Ms. Caroline Eugene Permanent Secretary Department of Sustainable Development Ministry of Education, Innovation, Gender Relations and Sustainable Development Norman Francis Building	2 August 2019

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Each Party shall designate and communicate to the secretariat the authority that will endorse on behalf of the national government the projects and programmes proposed by the implementing entities.



## GOVERNMENT OF ANTIGUA AND BARBUDA

Department of Environment  
Ministry of Health and the Environment  
#1 Victoria Park, Botanical Garden  
P.O. Box W693  
St. John's  
Antigua, W.I.  
Tel: (268) 462-6265  
Fax: (268) 462-4625  
Email: [DOE@ab.gov.ag](mailto:DOE@ab.gov.ag)

**REF: DOE/38/Donor Agencies**

1<sup>st</sup> August 2019

The Adaptation Fund Board  
c/o Adaptation Fund Board Secretariat  
Email: [Secretariat@Adaptation-Fund.org](mailto:Secretariat@Adaptation-Fund.org)  
Fax: 202 522 3240/5

**Subject: Endorsement for UN-Habitat submission "Increasing resilience of the education system to climate change impacts in the Eastern Caribbean region"**

In my capacity as designated authority for the Adaptation Fund in Antigua and Barbuda, I confirm that the above regional project proposal is in accordance with our government's national and regional priorities in implementing adaptation activities to reduce adverse impacts of, and risks, posed by climate change in Antigua and Barbuda, and in the OECS region.

Accordingly, I am pleased to endorse the above project proposal with support from the Adaptation Fund. If approved, the project/programme will be implemented by UN-Habitat and executed by the Department of the Environment, Ministry of Health, Wellness and the Environment.

Sincerely,

Ambassador Diann Black-Layne  
Chief Environment Officer  
Department of the Environment  
Ministry of Health, Wellness and the Environment





**MINISTRY OF ENVIRONMENT, CLIMATE RESILIENCE, DISASTER  
MANAGEMENT AND URBAN RENEWAL  
ENVIRONMENTAL COORDINATING UNIT**

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37 Great George Street  
Roscau, **DOMINICA**  
Website: <http://ecu.gov.dm>

2<sup>nd</sup> August, 2019

To: The Adaptation Fund Board  
c/o Adaptation Fund Board Secretariat  
Email: [Secretariat@Adaptation-Fund.org](mailto:Secretariat@Adaptation-Fund.org)  
Fax: 202 522 3240/5

Subject: Endorsement for "Increasing resilience of the education system to climate change impacts in the Eastern Caribbean region"

In my capacity as designated authority for the Adaptation Fund in Dominica, I confirm that the above regional project/programme proposal is in accordance with the government's national priorities in implementing adaptation activities to reduce adverse impacts of, and risks, posed by climate change in the OECS.

Accordingly, I am pleased to endorse the above project/programme proposal with support from the Adaptation Fund. If approved, the project/programme will be implemented by the United Nations Human Settlements Programme and executed by OECS, CEDEMA, Ministry of Education and Human Resource Development.

Sincerely,

.....  
**LLOYD PASCAL**  
**SENIOR POLICY ADVISER**

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*"Embrace the Challenge: Rethink, Rebuild, Transform"*



MINISTRY OF EDUCATION, INNOVATION, GENDER RELATIONS AND SUSTAINABLE DEVELOPMENT  
Department of Sustainable Development

*Communication on this subject  
should be addressed to:  
The Permanent Secretary*

*Norman Francis Building  
Balata, Castries,  
SAINT LUCIA, W.I.  
Tel No: (758) 468-5833  
Fax No: (758) 456-0490*

2<sup>nd</sup> August, 2019

The Adaptation Fund Board  
c/o Adaptation Fund Board Secretariat  
Email: Secretariat@Adaptation-Fund.org  
Fax: 202 522 3240/5

Dear Sir/Madam:

**Subject: Endorsement for UN-Habitat submission Increasing resilience of the education system to climate change impacts in the Eastern Caribbean region**

In my capacity as designated authority for the Adaptation Fund in Saint Lucia, I confirm that the above regional project proposal is in accordance with our government's national and regional priorities in implementing adaptation activities to reduce adverse impacts of, and risks posed by climate change in Saint Lucia and in the OECS region.

Accordingly, I am pleased to endorse the above project proposal with support from the Adaptation Fund. If approved, the project/programme will be implemented by UN-Habitat and executed by the Ministry of Education, Innovation, Gender Relations and Sustainable Development.

Yours sincerely,

.....  
**Caroline Eugene (Ms.)**  
PERMANENT SECRETARY (AG)

## B. Implementing Entity certification

<p>I certify that this proposal has been prepared in accordance with guidelines provided by the Adaptation Fund Board, and prevailing Regional Policies, Plans and Strategies and the respective National Development Plans, the Nationally Determined Contributions of the target countries and relevant National Adaptation Plans. Subject to the approval by the Adaptation Fund Board, <u>UN-Habitat commit to implementing the project/programme in compliance with the Environmental and Social Policy of the Adaptation Fund</u> and on the understanding that the Implementing Entity will be fully (legally and financially) responsible for the implementation of this project/programme.</p>	
<p style="text-align: right;"><i>for Programme o/c.</i></p> <p style="text-align: center;"><b>Raf Tuts</b> Director, Programme Division UN-Habitat</p>	
Date: 1st August 2019	Tel.: +254207623726 E-Mail: raf.tuts@un.org
Project Contact Person: Marcus Mayr, Programme Management Officer, Climate Change Planning Unit, UN-Habitat	
Tel. And Email: Tel.: +254-20-7625364 E-Mail: marcus.mayr@un.org	



## Project Formulation Grant (PFG)

Submission Date: 05-08-2019

Adaptation Fund Project ID:

Countries:

Title of Project:

Antigua and Barbuda, Dominica and St Lucia  
Increasing resilience of the education system to  
climate change impacts in the Eastern Caribbean  
region

Type of IE:

Executing Entities:

Multilateral

Regional: OECS; CDEMA. National: Ministries of  
Environment in coordination with Ministries of  
education; NGOs;

### A. Project Preparation Timeframe

Start date of PFG	14-10-2019
Completion date of PFG	Submission date concept note in 2020

### B. Proposed Project Preparation Activities (\$)

Describe the PFG activities and justifications:

List of Proposed Project Preparation Activities	Output of the PFG Activities	USD Amount
1. Bring together leading regional bodies, ministries and target municipal governments to: <ul style="list-style-type: none"> <li>o Agree on approach, priority interventions and target communities</li> </ul>	Workshop reports, MoU on implementation and coordination modalities	6.000
2. Conduct detailed vulnerability / risk mapping of target communities and conduct community-level and vulnerable groups consultations	Vulnerability assessment / consultation reports	12.300
PSC	8.5%	1.700
Total Project Formulation Grant		20.000

### C. Implementing Entity

This request has been prepared in accordance with the Adaptation Fund Board's procedures and meets the Adaptation Fund's criteria for project identification and formulation

Implementing Entity Coordinator, IE Name	Signature	Date (Month, day, year)	Project Contact Person	Telephone	Email Address
Rafael Tuts	<i>[Signature]</i> DTC.	5 Aug 2019	Marcus Mayr	+254723697563	Marcus.Mayr@un.org