

CARIBBEAN DEVELOPMENT BANK



**NOTIFICATION OF APPROVAL BY THE PRESIDENT OF THE USE OF FUNDS
TRAINING OF TRAINERS WORKSHOP FOR THE INTEGRATION OF CLIMATE
RESILIENCE IN THE WATER SECTOR – REGIONAL**

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Notified at the Two Hundred and Eightieth Meeting of
the Board of Directors on March 22, 2018

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MARCH 22, 2018

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CARIBBEAN DEVELOPMENT BANK

TWO HUNDRED AND EIGHTIETH MEETING OF THE BOARD OF DIRECTORS

TO BE HELD IN BARBADOS

MARCH 22, 2018

PAPER BD 17/18

NOTIFICATION OF APPROVAL BY THE PRESIDENT OF THE USE OF FUNDS
TRAINING OF TRAINERS WORKSHOP FOR THE INTEGRATION OF CLIMATE
RESILIENCE IN THE WATER SECTOR – REGIONAL

In accordance with the authority delegated by the Board of Directors at its One Hundred and Eighty-Fifth Meeting (Minute 185.09), the President approved the Use of Funds in an amount not exceeding the equivalent of one hundred and forty-nine thousand, three hundred and thirty United States dollars (USD149,330) to support consultancy services to deliver Training of Trainers Workshop for the Integration of Climate Resilience in the Water Sector of the Borrowing Member Countries of the Caribbean Development Bank (CDB), participants' travel costs and per diem, venue and workshop material costs. These resources will be provided from the Special Funds Resources of CDB, allocated from the African Caribbean Pacific European Union Natural Disaster Risk Management Programme in CARIFORUM Countries.

2. It is a condition of the aforementioned authority that each technical assistance project approved by the President and the terms and conditions thereof be reported to the Board at its first convenient scheduled Meeting after approval of the project.
3. The Board is therefore asked to note the approval by the President of the abovementioned project.

CARIBBEAN DEVELOPMENT BANK
RECOMMENDATION AND APPROVAL OF TECHNICAL ASSISTANCE
(Under USD150,000)

1. Country: Regional	2. Project Title: Training of Trainers Workshop for the Integration of Climate Resilience in the Water Sector	3. PRN: 4047								
4. Borrower/Grantee: Not Applicable (N/A)	5. Beneficiaries: Water Sector Managers from Borrowing Member Countries (BMCs) of the Caribbean Development Bank (CDB).	6. Executing Agency: CDB								
7. Sector Code: 14010 (Water Sector Policy)	8. Date of Application: N/A	9. Type of Financing: Use of Funds (UOF)								
10. Source of Funds: Special Funds Resources (SFR) – African Caribbean Pacific-European Union-CDB: Natural Disaster Risk Management (ACP-EU-CDB NDRM) Programme										
11. Legal Status: N/A										
12. Consistency with Objectives and Priorities:										
(a) CDB’s Strategic Objectives:	Supporting inclusive growth and sustainable development; promoting good governance; and enhancing organisational efficiency and effectiveness (cooperation and collaboration with development partners).									
(b) CDB’s Corporate Priorities:	Strengthen/modernise social and economic infrastructure, and support capacity development.									
(c) Country’s Objectives:	N/A.									
(d) Special Development Fund 8 (SDF 8) Strategic Themes:	Supporting inclusive and sustainable growth; and environmental sustainability and climate change.									
(e) Performance Assessment System Rating:	Based on CDB’s performance rating system, the Project has been assessed as satisfactory. This suggests that it is likely to contribute to development effectiveness. (See Appendix 1)									
13. Budget: The Budget is summarised below. Appendix 2 gives further details.										
<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Description</th> <th style="text-align: right;">USD</th> </tr> </thead> <tbody> <tr> <td>Professional Fees and Consultants Expenses</td> <td style="text-align: right;">53,340</td> </tr> <tr> <td>Airfares, Hotel Costs, Per diem and Other Workshop Costs for Participants</td> <td style="text-align: right;">95,990</td> </tr> <tr> <td>Total</td> <td style="text-align: right;">149,330</td> </tr> </tbody> </table>			Description	USD	Professional Fees and Consultants Expenses	53,340	Airfares, Hotel Costs, Per diem and Other Workshop Costs for Participants	95,990	Total	149,330
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Total	149,330									

14. Project Background:

On December 12, 2013, at its Two Hundred and Fifty-Ninth meeting, the Board of Directors considered Paper BD 80/13 and approved entry, by CDB, into an agreement with the EU for CDB to execute projects within ACP-EU-CDB NDRM Programme in the CARIFORUM Countries. The objective of the Programme is reduced vulnerability to long-term impacts of hydro meteorological and geological natural hazards, including potential impacts of climate change. It is expected that this will contribute to the achievement of regional and national sustainable development and poverty reduction goals in the CARIFORUM countries.

CDB is currently implementing the ACP-EU-CDB NDRM Project: Planning for the Integration of Climate Resilience in the Water Sector in BMCs. A consultant is currently engaged in executing Phase 1 of this project. The expected outcome of Phase 1 of the technical assistance (TA) project (the Project) is the development of a package of guidelines and technical notes or toolbox to be utilised in BMCs to mainstream climate resilience in the water sector. The Project is being executed through a consultancy to: (a) complete sector-wide Climate Risk and Vulnerability Assessments; (b) assess relevant, policies, plans, strategies, legal and regulatory frameworks and proposals to build capacity to implement resilience measures; (c) identify sector investment needs for climate resilience; (d) develop an index to measure the level of resilience of the water sector to potential impacts of climate change and natural hazards; and (e) develop a regional training and capacity building programme for BMCs in an effort to present the tools developed and promote their use.

15. Proposal/Description:

The execution of Training of Trainers Workshop, Phase 2, in February 2018, will be built upon the outputs of Phase 1. This phase will allow the consultant to organise and deliver this training over a three-day period to 40 participants from all the BMCs.

It is proposed that CDB approves the use of an amount not exceeding the equivalent of one hundred and forty-nine thousand, three hundred and thirty United States dollars (USD149,330) from CDB's SFR. These resources are allocated under the ACP-EU-CDB NDRM Programme in CARIFORUM Countries to engage a consultant to provide the services described below and to support the participation of country representatives for the training activity.

CDB's funding will support the costs associated with the following:

- (a) air travel and hotel accommodation for representatives from the BMCs;
- (b) the cost of resource persons from the consultant's team to facilitate the Workshop; and
- (c) conference costs related to breaks and lunches, room and equipment rental.

16. Expected Outcome:

The expected outcome of Phase 2 of the Project is increased knowledge and skills of participants in the effective use of climate resilience tools in the water sector of the Caribbean. Participation by the BMCs will serve as catalysts for further in-country transfer of knowledge and in the adoption and use of the tools throughout the Region.

17. Project Justification and Benefits:

In an effort to build resilience to climate change, it is necessary to engage all the relevant stakeholders in the BMCs in the development and utilisation of the tools and guidelines to ensure that these are useful and applicable within BMCs. The execution of the Phase 1 project activities has highlighted the need for enhanced engagement of all the BMCs, following the development of the tools and guidelines. Their enhanced engagement will improve ownership and application of the outputs of the Project and ensure that the tools and guidelines to be developed are useful and replicable in the Caribbean context. It is expected that the engagement and capacity building during the Phase 2 Workshop, to be held February 2018, will be the catalyst for the adoption of the tools and guidelines developed for all the BMCs. A Draft Agenda for the Workshop is presented at Appendix 3.

This phase of strategic training would enhance the countries’ capacity to manage disaster risk, the impacts of climate change and prioritising climate resilient investment. This would allow for a successful transition to a low-carbon climate-resilient and gender sensitive development path of the water sector in the beneficiary BMCs.

The regional Workshop will train trainers and practitioners to establish robust and operational climate resilience water sector policies and investment plans among all eligible BMCs under ACP-EU-CDB NDRM. A suite of tools and guidance resources will be presented that institutions, responsible for water policies, plans and the implementation of investment programmes, can use to assess and design effective climate resilient action. The Workshop will also include the application and use of a Water Sector Resilience Index that can be applied at a national level to gain insight into the issues and challenges faced and investments required. Also reviewed, will be progress on the implementation of climate resilient action.

The training activity of the Workshop is likely to result in increasing the acceptance of the outcomes of the Project. Further, this will offer an opportunity for improved coordination and synergies with other regional programmes and initiatives. This initiative is aligned with the CDB Climate Resilience Strategy. The Workshop complements other planned CDB initiatives in collaboration with other development partners, which aim to establish water sector strategic planning as well as support representation at the World Water Forum in Brazil in March 2018.

18. Risk Assessment and Mitigation:

Risks have been identified which could have an effect on the implementation and operation of the Project and have been classified as Implementation. The summary of risks and mitigation measures is presented in Table 1.

TABLE 1: RISK ASSESSMENT AND MITIGATION

Risk Type	Description of Risk	Mitigation Measures
Implementation	Inappropriate officials nominated to attend Workshop who are not in positions which could affect expected project outcomes.	CDB will share the key criteria for the selection of representatives with BMCs and ensure persons with the appropriate job functions and responsibility levels are nominated.

19. Environmental Impact:	Major	Minor	N/A✓
Social Impact:	Major	Minor	N/A✓
Technical Impact:	Major	Minor✓	N/A

PERFORMANCE ASSESSMENT SCORE

Criteria	Score	Justification
Relevance	4	The proposed Phase 2 of the TA project will support training of key water sector professionals to ensure the adoption at the BMC level of the tools and guidance notes developed in Phase 1. This is expected to enhance the countries' capacity to manage disaster risk, the impacts of climate change and prioritise climate resilient investment. The Project is consistent with CDB's corporate priority which seeks to strengthen and modernise social and economic infrastructure and the SDF inclusive and sustainable growth theme as well as climate change cross-cutting themes. It is also consistent with ACP-EU-CDB NDRM Result Areas 3 "Sector Resilience Strengthened Key Public Sectors, through Disaster Risk Reduction and Climate Change Adaptation Mainstreaming".
Effectiveness	3	The expected outcome of the Workshop is enhanced capacity of BMCs to develop climate resilient investment plans and therefore access financing for climate change adaptation and mitigation water sector projects. The Training of Trainers Workshop is expected to facilitate the adoption and effective use of the tools within BMCs.
Efficiency	3	Collaboration between the CDB and BMCs during the project design and pre-training activities will result in an efficient use of time and financial resources and a reduction in the overall cost of the training programme.
Sustainability	3	The Project will enhance the BMCs' capacity to: (a) develop sound proposals to access concessional financing; and (b) build climate resilience in the water sector. The Workshop will also facilitate project ownership and as such the output are more likely to be incorporated in programmes and initiatives in the country.
Overall Score	3.25	Satisfactory

BUDGET
(USD)

Items	Total
Consultants Costs (Fees and Reimbursables)	53,320
Participants' travel	18,000
Subsistence	53,600
Conference Costs	20,410
Sub Total	145,330
Contingency	4,000
Total	149,330
Percentage (%)	100

Source of Funds: SFR – ACP-EU-CDB-NDRM Programme

DRAFT WORKSHOP AGENDA
FEBRUARY 2018

DAY 1

The objective of Day 1 is to introduce the status of climate resilience in the Caribbean water sector and to highlight the challenges that are faced if action is not taken. Participants will be introduced to existing good practice from international and regional experience and learn about the critical factors for success, from a range of perspectives including that of water management agencies, water service providers and the regulators.

- **Registration**
- **Introduction**
 - Welcome and Introductions
 - Opening Remarks
 - Key Note Speaker – “Planning for the Integration of Climate Resilience in the Caribbean Water Sector”

- **Situational Analysis: Climate Resilience in the Water Sector in the Caribbean**
 - Presentation giving an overview of climate resilience in the Caribbean water sector.
 - Case study examples of situational analysis from selected countries (Grenada and St. Kitts and Nevis).
 - Comments from other Caribbean water utilities and water management agencies on challenges and needs.
 - Question & answer session

- **Climate resilience: What Does Success Look Like?**
 - Presentation on the characteristics and criteria for a climate resilient water sector.
 - Examples of steps taken to successfully improve climate resilience from international and regional perspectives.
 - Plenary discussion on the realities of the Caribbean experience

- **Panel Discussion on Critical Elements to Improve Climate Resilience**
 - the water utility / service provider’s standpoint
 - the water management agency’s standpoint
 - the regulator’s standpoint
 - Question & answer session

- **Round-up Day 1, and Preparations for Day**

DAY 2

The objective of Day 2 is to introduce participants to the Water Sector Resilience (WSR) Index and to understand its application and use in providing a baseline assessment and monitoring framework for improving climate resilience in the water sector. Participants be led through tools and approaches for application of the WSR Index including Climate Risk and Vulnerability Assessment and Screening of Policies, Strategies, Plans and Legislation and learn from pilot applications for Grenada and St. Kitts and Nevis. Participants will apply the approaches to their own country contexts and develop recommendations for options and measures to improve climate resilience in their countries, thereby fostering a ‘learning by doing’ approach.

- **Introduction a WSR Index**
 - Presentation on the WSR Index, its objectives, application and use
 - Application of the WSR Index in the Caribbean context: Examples from Grenada and St. Kitts and Nevis
 - Tools and approaches for application of the WSR Index

- **Climate Risk and Vulnerability Assessment (CRVA)**
 - Presentation on CRVA methods and approaches
 - Presentation on climate scenarios
 - Case examples from Grenada and St. Kitts and Nevis
 - Group sessions: applying CRVA methods to identify current and future risks
 - Feedback and discussion

- **Screening of Policies, Strategies, Plans and Legislation**
 - Presentation on screening and assessment approaches
 - Case examples from Grenada and St. Kitts and Nevis
 - Group sessions: applying screening methods to identify gaps and needs
 - Feedback and discussion

- **Country-Specific Applications of CRVA and Screening approaches**
 - Country Group Sessions: Applying CRVA and Screening methods to participants’ own country contexts and situations
 - Country Group Sessions: Preparation of country-specific recommendations on climate resilience options and measures for improvement
 - Plenary feedback on findings and recommendations

- **Round-up Day 2, and Preparations for Day 3**

DAY 3

This session during Day 3 will bring the learning during the previous two days in to the context of preparing county strategies and investment plans. It will approach it from a water sector strategy and investment planning perspective. It will explore methods prioritise investment options and the strengths and weaknesses of different financing sources and strategies. Participants will prepare Country Action Plans for their own countries and contexts that can be used as a start-point for country teams to develop more detailed strategies and investment action plans on their return, including their own personal commitment to this process.

- **Country Strategies and Investment Plans**
 - Presentation on developing a long term strategy and medium-term action plan for integrating climate resilience in the water sector
 - Options for financing and the strengths and weaknesses of alternative options
 - The role of CDB (and others) facilitating financing and support for the of development and implementation of investment plans

- **Screening and Prioritising Climate Resilient Investments**
 - Presentation on methods for screening and prioritising investment options, and introduction of multi-criteria analysis (MCA) approaches
 - Case examples of the MCA approach from Grenada and St. Kitts and Nevis
 - Group sessions: trail application of MCA approach
 - Plenary discussion on weighting criteria

- **Preparation of Country Action Plans: Becoming a Climate Resilient Water Sector**
 - Organisation and definition of the assignment
 - Country Working Sessions: Preparation of priorities for country action plan
 - Country Working Sessions: Preparation of sequencing for investment planning
 - Draft Action Plan presentations by countries, and details of how country participants will facilitate their integration and further formulation into country planning and budgeting processes

- **Next Steps and Way Forward**
 - Commitment from participants with respect to personal action plans following the Workshop
 - Role of CDB in moving forward

- **Final Remarks and Closure**