



## ADAPTATION FUND

AFB/PPRC.17/23  
21 September 2015

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Adaptation Fund Board  
Project and Programme Review Committee  
Seventeenth Meeting  
Bonn, Germany, 6-7 October 2015

Agenda Item 7 c)

**PROPOSAL FOR BURUNDI, KENYA, RWANDA, TANZANIA AND UGANDA**

## Background

1. The strategic priorities, policies and guidelines of the Adaptation Fund (the Fund), as well as its operational policies and guidelines include provisions for funding projects and programmes at the regional, i.e. transnational level. However, the Fund has thus far not funded such projects and programmes.

2. The Adaptation Fund Board (the Board), as well as its Project and Programme Review Committee (PPRC) and Ethics and Finance Committee (EFC) considered issues related to regional projects and programmes on a number of occasions between the Board's fourteenth and twenty-first meetings but the Board did not make decisions for the purpose of inviting proposals for such projects. Indeed, in its fourteenth meeting, the Board decided to:

*(c) Request the secretariat to send a letter to any accredited regional implementing entities informing them that they could present a country project/programme but not a regional project/programme until a decision had been taken by the Board, and that they would be provided with further information pursuant to that decision*

*(Decision B.14/25 (c))*

3. In its eighth meeting in March 2012, the PPRC came up with recommendations on certain definitions related to regional projects and programmes. However, as the subsequent seventeenth Board meeting took a different strategic approach to the overall question of regional projects and programmes, these PPRC recommendations were not included in a Board decision.

4. In its twenty-fourth meeting, the Board heard a presentation from the coordinator of the working group set up by decision B.17/20 and tasked with following up on the issue of regional projects and programmes. She circulated a recommendation prepared by the working group, for the consideration by the Board, and the Board decided:

*(a) To initiate steps to launch a pilot programme on regional projects and programmes, not to exceed US\$ 30 million;*

*(b) That the pilot programme on regional projects and programmes will be outside of the consideration of the 50 per cent cap on multilateral implementing entities (MIEs) and the country cap;*

*(c) That regional implementing entities (RIEs) and MIEs that partner with national implementing entities (NIEs) or other national institutions would be eligible for this pilot programme, and*

*(d) To request the secretariat to prepare for the consideration of the Board, before the twenty-fifth meeting of the Board or intersessionally, under the guidance of the working group set up under decision B.17/20, a proposal for such a pilot programme based on consultations with contributors, MIEs, RIEs, the Adaptation Committee, the Climate Technology Centre and Network (CTCN), the Least Developed Countries Expert Group (LEG), and other relevant bodies, as appropriate, and in that proposal make a recommendation on possible options*

*on approaches, procedures and priority areas for the implementation of the pilot programme.*

*(Decision B.24/30)*

5. The proposal requested under (d) of the decision above was prepared by the secretariat and submitted to the Board in its twenty-fifth meeting, and the Board decided to:

- (a) Approve the pilot programme on regional projects and programmes, as contained in document AFB/B.25/6/Rev.2;*
- (b) Set a cap of US\$ 30 million for the programme;*
- (c) Request the secretariat to issue a call for regional project and programme proposals for consideration by the Board in its twenty-sixth meeting; and*
- (d) Request the secretariat to continue discussions with the Climate Technology Center and Network (CTCN) towards operationalizing, during the implementation of the pilot programme on regional projects and programmes, the Synergy Option 2 on knowledge management proposed by CTCN and included in Annex III of the document AFB/B.25/6/Rev.2.*

***(Decision B.25/28)***

6. Based on the Board Decision B.25/28, the first call for regional project and programme proposals was issued and an invitation letter to eligible Parties to submit project and programme proposals to the Fund was sent out on 5 May 2015.

7. According to the Board Decision B.12/10, a project or programme proposal needs to be received by the secretariat no less than nine weeks before a Board meeting, in order to be considered by the Board in that meeting.

8. The following project pre-concept document titled “Adapting to Climate Change in Lake Victoria Basin” was submitted by the United Nations Environment Programme (UNEP), which is a Multilateral Implementing Entity of the Adaptation Fund.

9. This is the first submission of the proposal. It was received by the secretariat in time to be considered in the twenty-sixth Board meeting. The secretariat carried out a technical review of the project proposal, assigned it the diary number AFR/MIE/Water/2015/1, and completed a review sheet.

10. In accordance with a request to the secretariat made by the Board in its 10th meeting, the secretariat shared this review sheet with UNEP, and offered it the opportunity of providing responses before the review sheet was sent to the PPRC.

11. The secretariat is submitting to the PPRC the summary and, pursuant to decision B.17/15, the final technical review of the project, both prepared by the secretariat, along with the final submission of the proposal in the following section. In accordance with decision B.25.15, the proposal is submitted with changes between the initial submission and the revised version highlighted.

12. To conclude, UNEP has submitted a Project Formulation Grant Request, which is also available as an addendum to this document.

## Project Summary

Burundi, Kenya, Rwanda, Tanzania, Uganda – Adapting to Climate Change in Lake Victoria Basin

Implementing Entity: *UNEP*

Project/Programme Execution Cost: USD 399,806

Total Project/Programme Cost: USD 4,208,489

Implementing Fee: USD 391,705

Financing Requested: USD 5,000,000

### Project Background and Context:

Lake Victoria is the second largest freshwater body with a catchment area extending to five countries: Burundi, Kenya, Rwanda, Tanzania and Uganda. The Lake is important for water supply, power generation, and transport, at the national and regional levels. Irrigation, both small and medium scale, is common in the Basin. These services from the Lake, however, face serious risks from climate induced variations of rainfall and evaporation rates. This causes negative impacts on water availability for drinking, irrigation, transport and fishing. Other climate change effects include risks of drought and localized flooding. The Lake Victoria Basin Commission (LVBC) was established by the Protocol for the Development of the Lake Victoria Basin as a specialized institution of the East African Community (EAC) mandated to coordinate among others transboundary management of the water resources of the basin. The objective of the project is to reduce the vulnerability and build resilience of the Lake Victoria Basin countries to climate change impacts by strengthening institutional capacity; transboundary water management through early warning; undertaking concrete adaptation actions and sharing knowledge.

### Component 1: Institutional strengthening to support transboundary water management adaptation strategies (USD 540,000)

The project will support inter-sectoral integration of adaptation measures for better transboundary water resources management. Activities under this component will include building and strengthening institutional capacity of government ministries and agencies, civil society and the private sector to meet the challenge of climate change. Activities will serve to review and inform sectoral/regional policies and planning frameworks; integrate on-the-ground experience that will inform higher-level regional policy processes through the EAC; managing emergency and risks from climate change to the transboundary water resources by providing tools, required information and raising awareness of adaptation options.

### Component 2: Basin-wide early warning system (USD 800,000)

This component will build on previous and ongoing work on early warning for the lake region. It will include actions such as (i) developing LVB early warning information systems to inform water resources utilization, agricultural and livestock activities; and natural resources management; (ii) strengthening the capacities of Meteorology, Hydrology and Food Security services in the LVB in terms of providing required tools to access, store and manage information in a coherent and synergistic manner; and (iii) improving seasonal early warning climate forecasts by improving the seasonal/weather early warning; and climate hydro-agro meteorological forecasts system and rapid intervention mechanisms.

Component 3: Adaptation actions to address key risks at the regional level (USD 1,700,000)

This component of the proposed project will entail implementing concrete adaptation actions as identified by the LV Adaptation Action Plan and building on outputs from various projects. It is envisaged that these actions will be mainly regional and aim to strengthen regional resilience and focus on larger scale adaptation actions. Such actions will include (i) promoting cross-border water resources management to minimize water stress based conflict for agriculture, pasture for pastoral communities and wildlife among others; (ii) supporting development and implementation of climate related disaster risk reduction and management as a tool for adaptation; and (iii) promoting and incentivizing rainwater harvesting techniques for agricultural and domestic use.

Component 4: Small grants programme (USD 850,000)

The project will make available grants to support small-scale concrete adaptation actions in the range of US\$ 50,000 – 100,000. Strict criteria for selection will be formulated in full in the project development phase. The criteria will include: contribution of the action to regional resilience; the innovativeness of the action; its complementarity with larger scale actions (Component 3) of the project; cost effectiveness; delivery of co-benefits; and compliance with the ESP of the Adaptation Fund. The actions will support CBA initiatives to improve water resources, river services and food security (small irrigation schemes) and other initiatives.

Component 5: Knowledge management and learning (USD 318,489)

This component will aim at strengthening awareness and ownership of adaptation options at the transboundary level and the proposed activities (and outputs) could include elements of capturing, analyzing, sharing and disseminating experiences across the basin and beyond; appropriate mechanisms for sharing experiences will be identified and these could include the regional forums, meetings, or exchange visits to project sites between participating “projects” within the basin. Additional global platforms will also be critical for learning and sharing such as Global Adaptation Network (GAN), UNFCCC Nairobi Work Programme, Adaptation Committee (AC), the International Environment Forum for Basin Organizations, etc.



## ADAPTATION FUND BOARD SECRETARIAT TECHNICAL REVIEW OF PROJECT/PROGRAMME PROPOSAL

PROJECT/PROGRAMME CATEGORY: Pre-Concept for a Regional Project

Countries/Region: **Burundi, Kenya, Rwanda, Tanzania, Uganda**

Project Title: **Adapting to Climate Change in Lake Victoria Basin**

Thematic focal area: **Transboundary Water Management**

Implementing Entity: **UNEP**

Executing Entities: **Lake Victoria Basin Commission (LVBC)**

AF Project ID: **AFR/MIE/Water/2015/1**

IE Project ID:

Reviewer and contact person: **Daouda Ndiaye**

IE Contact Person(s): **Barney Dickson**

Requested Financing from Adaptation Fund (US Dollars): **5,000,000**

Co-reviewer(s): **Christian Severin, Mikko Ollikainen**

Review Criteria	Questions	Comments on 21 August 2015	
Country Eligibility	1. Are all of the participating countries party to the Kyoto Protocol?	Yes.	
	2. Are all of the participating countries developing countries particularly vulnerable to the adverse effects of climate change?	Yes. Lake Victoria's important ecosystem services for the region is currently facing serious risks from climate change. Its specific features further exacerbate those risks, with direct impacts on downstream hydropower and water availability for irrigation, drinking and transportation.	
Project Eligibility	1. Have the designated government authorities for the Adaptation Fund from each of the participating countries endorsed the project/programme?	Not all letters were provided. There is no letter for Uganda and the letters submitted for Tanzania and Burundi were not signed by the DAs officially appointed as per the AFB secretariat's records.	Addressed.

	2. Has the pre-concept provided necessary information on the problem the proposed project/programme is aiming to solve, including both the regional and the country perspective?	Yes.	
	3. Have the project/programme objectives, components and financing been clearly explained?	Yes. However the overall objective or goal could be stated.	Addressed.
	4. Has the project/programme been justified in terms of how: - it supports concrete adaptation actions? - it builds added value through the regional approach? - it promotes new and innovative solutions to climate change adaptation? - it is cost-effective? - it is consistent with applicable strategies and plans? - it incorporates learning and knowledge management? - it will be developed through a consultative process with particular reference to vulnerable groups, including gender considerations, in compliance with the Environmental and Social Policy of the Adaptation Fund? - it will take into account sustainability?	<p>Yes. However, how the project is not duplicating with all the past or existing initiatives could be better explained, including joint initiatives between the UK's Met Office, the Ugandan Department of Meteorology, and the telecommunications company Ericsson. Basically, text messages were sent to the mobile phones of local fishermen, warning them of changes in the weather.</p> <p>Related to the point made above, the innovative aspect of the project could be further demonstrated.</p>	<p>Partially addressed. The suggested IWRM activities seem to have already been invested in through both Lake Victoria Environmental Management Projects I and II funded by the GEF and the World Bank.</p> <p>On component 2, the proposal will have to better explain what this project will deliver that is not already funded and done by other projects, for the Lake Victoria Basin. For example, the GEF funded 'Flood and Drought Management Tools' (FDMT) project is developing computer software-based decision support system (DSS) which has tools to support planning from the transboundary basin to water utility level by including better information on floods and droughts. One of the basins where these tools are to be tested is the Lake Victoria Basin.</p>



	5. Does the pre-concept briefly explain which organizations would be involved in the proposed regional project/programme at the regional and national/sub-national level, and how coordination would be arranged? Does it explain how national institutions, and when possible, national implementing entities (NIEs) would be involved as partners in the project?	Yes. However, execution arrangements at the national level need to be further described. The potential role that the AF NIEs for Kenya and Rwanda could take as partners of the project could also be explained, if any.	Addressed. To be further developed at concept stage.
Resource Availability	6. Is the requested project / programme funding within the funding windows of the pilot programme for regional projects/programmes?	Yes.	
	7. Are the administrative costs (Implementing Entity Management Fee and Project/ Programme Execution Costs) at or below 20 per cent of the total project/programme budget?	Yes.	
Eligibility of IE	8. Is the project/programme submitted through an eligible Implementing Entity that has been accredited by the Board?	Yes.	
Technical Summary	<p>The project seeks to reduce the vulnerability and build resilience of the Lake Victoria Basin countries to climate change impacts by strengthening institutional capacity; transboundary water management through early warning; undertaking concrete adaptation actions and sharing knowledge. The proposal plans several actions at the regional level in order to address climate-related threats to the Lake Victoria, which will affect key ecosystem services it is rendering.</p> <p>The initial technical review found that the overall objective or goal of the project was not stated clearly and that the proposal needed to better explain how the project was not duplicating with all the past or existing initiatives, including joint initiatives between the UK's Met Office, the Ugandan Department of</p>		

	<p>Meteorology, and the telecommunications company Ericsson. It was also pointed out that the innovative aspect of the project needed to be further demonstrated. Lastly, execution arrangements at the national level needed to be further described and the potential role that the AF NIEs for Kenya and Rwanda could take as partners of the project needed also be explained, if any.</p> <p>The final technical review finds that although some of the observations were addressed, the proposal has still not fully demonstrated the non-duplication of the proposed activities and the innovative aspect of the proposal.</p> <p>At the concept stage, the proposal should explain how it will build from and not duplicate with past and existing initiatives looking at addressing climate change impacts and vulnerabilities in the Lake Victoria Basin. The proposal will also need to further demonstrate its innovative aspect. Lastly, the concept document should include key elements of the regional Vulnerability, Impacts and Adaptation Assessment (VIA) under preparation through the PREPARED project, and if available, build on the LVB Commission (LVBC) Climate Change Adaptation Strategy and Action Plan.</p>
Date:	11 September 2015.



## ADAPTATION FUND

# PRE-CONCEPT FOR A REGIONAL PROJECT/PROGRAMME

## PART I: PROJECT/PROGRAMME INFORMATION

Title of Project/Programme:	Adapting to climate change in Lake Victoria Basin
Countries:	Lake Victoria Basin Countries (Burundi, Kenya, Rwanda, Tanzania, and Uganda)
Thematic Focal Area <sup>1</sup> :	Transboundary water management
Type of Implementing Entity:	MIE
Implementing Entity:	United Nations Environment Programme (UNEP)
Executing Entities:	Lake Victoria Basin Commission (LVBC)
Amount of Financing Requested:	\$5,000,000 (in U.S Dollars Equivalent)

### Project / Programme Background and Context:

Lake Victoria is the world's second largest freshwater body with a catchment area extending to five countries: Burundi, Kenya, Rwanda, Tanzania and Uganda. The lake is a shallow water body and is a sub-basin of the Nile River Basin. The Lake Victoria Basin (LVB) has an estimated area of 194,200 Km<sup>2</sup>; and hosts over 30 million people. The major economic activities in the Basin include both cash and subsistence crop agriculture and livestock production, fisheries production, wildlife and tourism, minerals and management of water resources. Lake Victoria is the largest inland fishery in the region with about 3 million people engaged directly or indirectly in subsistence and commercial fishing. The lake is important for water supply, power generation, and transport, providing numerous transport linkages at the national and regional levels. Irrigation, both small and medium scale is common in the basin. With the large outflow from the lake and the sharp decrease in altitude to Lake Albert, the Lake Victoria Basin system has a very high hydroelectric power generation potential. These services from the lake however, face serious risks from climate change. The specific features of the lake further exacerbate the risk to climate change, in general and the importance of rainfall and evaporation rates on the water balance outcome for the lake. Hence climate change has direct impacts on downstream hydropower, water availability for irrigation, drinking, fishing and transport. Other important climate change effects include risks of drought and localized flooding. Other drivers such as land degradation, mismanagement of water resources and the rapid population growth in the basin could worsen all of these risks.

The Lake Victoria Basin Commission (LVBC) was established by the Protocol for the Development of the lake Victoria Basin as a specialized institution of the East African Community (EAC) mandated to coordinate among others transboundary management of the water resources of the basin. The EAC Council of Ministers; and Presidents (Summit) approved EAC Climate Change Master Plan and Climate Change Strategy that provide guidelines to address climate change adaptation in the region. The EAC is expecting to finalise and approve the LVB Climate Change adaptation Strategy and action plan by June 2016. The East African countries are undertaking numerous projects in the lake basin. Most notable of these, the Lake Victoria Environmental Management Project I (LVEMP-I) has made significant progress in relation to the water quality in the lake and in addressing the water hyacinth infestation and sustainable land management. While more recent work such as LVEMP-II, UNEP's Nile Basin Adaptation Project and the USAID funded PREPARED project (*Planning for resilience in East Africa through Policy, Adaptation, Research and Economic Development*) have started to plan for climate change, there has been little implementation of climate change adaptation actions so far. Moreover the mechanisms for coordinating a regional approach remain inadequate. There is a lack of mechanisms for gathering, managing and

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



utilizing relevant data to adaptation, lack of institutional cross-sectoral mechanisms for planning and implementing adaptation measures that contribute to climate resilience at the regional level. The bottom-up approach of implementing adaptation actions within the catchment area of the lake in the respective countries has usually been isolated and disconnected to the overall resilience approach for the entire basin.

### Project / Programme Objectives:

The overall goal of this project is - *to reduce the vulnerability and build resilience of the Lake Victoria Basin countries to climate change impacts by strengthening institutional capacity; transboundary water management through early warning; undertaking concrete adaptation actions and sharing knowledge.* Therefore the following are the project objectives:

- a) To build adaptive capacity of regional and national institutions in creating resilience for the Lake Victoria Basin through integrated transboundary water resources management and informed by sustainable early warning systems;
- b) To establish an early warning system for identifying risks from climate change to water management in the Lake Victoria Basin
- c) To implement adaptation actions in three key areas/topics, as identified in the Lake Victoria Climate Change Action Plan (being developed by PREPARED) and the LVBC Climate Change Strategy;
- d) To establish a small grants programme to support local institutions to implement site based adaptation actions that contribute to regional resilience and are in consistent with the LVBC climate change strategy; and
- e) Develop basin-wide lesson learning and knowledge management framework.

### Project / Programme Components and Financing:

Project/Program me Components	Expected Outcomes	Expected Outputs	Countries	Amount (US\$)
1. Institutional strengthening to support transboundary water management adaptation strategies.	<i>Strengthened institutional capacity to integrate climate resilience into transboundary water management through integrated sectoral policies and management basin-wide practices.</i>	<ul style="list-style-type: none"> <li>Climate resilient transboundary institutional framework;</li> <li>Institutional capacity of government ministries and agencies, civil society and the private sector to meet the challenge of climate change strengthened.</li> </ul>	ALL LVBC Countries (Kenya, Uganda, Tanzania, Rwanda, Burundi)	540,000
2. Basin-wide Early warning system	<i>Decision-makers informed of changes in key parameters for water management on both seasonal and longer term basis.</i>	Lake Victoria Basin Early warning system in place; and tested	ALL LVBC Countries	800,000
3. Adaptation action to address key risks at the regional level	<i>Increased regional resilience &amp; adaptive capacity.</i>	Transboundary climate resilient measures implemented.	ALL LVBC Countries	1,700,000
4. Small grants programme	<i>Increased contributions from ten or more sites to regional resilience.</i>	Small-scale adaptation initiatives supported in all countries.	ALL LVBC Countries	850,000



5. Knowledge Management & Learning	<i>Strengthened regional knowledge management framework and ownership of the adaptation options and processes at the regional level.</i>	An integrated Lake Victoria transboundary Knowledge Management system for adaptation/climate resilience developed.	ALL LVBC Countries	318,489
5. Project/Programme Execution cost (9.5%)				399,806
7. Total Project/Programme Cost				4,208,489
8. Project/Programme Cycle Management Fee charged by the Implementing Entity (8.5%)				391,705
<b>Amount of Financing Requested</b>				<b>5,000,000</b>

**Project Duration: 3 years (36 Months)**

## **PART II: PROJECT / PROGRAMME JUSTIFICATION**

In order to achieve its objectives, the project has five main components.

1. *Institutional strengthening to support transboundary water management adaptation strategies.*  
This project will build on other LVBC projects including LVWATSAN, LVEMP and PREPARED to support inter-sectoral integration of adaptation measures for better transboundary water resources management. Activities under this component will include building and strengthening institutional capacity of government ministries and agencies, civil society and the private sector to meet the challenge of climate change. Activities will serve to review and inform sectoral/regional policies and planning frameworks; integrate on-the-ground experience that will inform higher-level regional policy processes through the EAC; managing emergency and risks from climate change to the transboundary water resources by providing tools, required information and raising awareness of adaptation options.
2. *Early warning system for identifying risks from climate change to water management in Lake Victoria Basin*  
This component will build on previous and ongoing work on early warning for the lake region, including IGAD Climate Predictions and Applications Center, the LVB Water Information system, the "Adaptation to CC induced water stress in the Nile Basin" UNEP project, the GEF Floods and Drought Management Tools project, UNISDR Early warning risks framework and others. It will include actions such as: (i) Developing LVB early warning information systems to inform water resources utilization, agricultural and livestock activities; and natural resources management; (ii) Strengthening the capacities of Meteorology, Hydrology and Food Security services in the LVB in terms of providing required tools to access, store and manage information in a coherent and synergistic manner; and (iii) Improving seasonal early warning climate forecasts by improving the seasonal/ weather early warning; and climate hydro-agro meteorological Forecasts system and rapid intervention mechanisms.
3. *Concrete adaptation actions to address key risks at the regional level*  
This component of the proposed project will entail implementing concrete adaptation actions as identified by the LV Adaptation Action Plan and building on outputs from various projects. It is envisaged that these actions will be mainly regional and aim to strengthen regional resilience and focus on larger scale adaptation actions. Such actions will include (i) promoting management of cross-border water resource management to minimize water stress based conflict for agriculture, pasture for pastoral communities and wildlife among others; (ii) Supporting development and implementation of climate related disaster risk reduction and management as a tool for adaptation; and (iii) Promoting, and incentivizing rainwater harvesting techniques for agricultural and domestic use.
4. *Funding for small-scale concrete adaptation actions*  
The proposed project will make available grants to support small-scale concrete adaptation actions in the range of US\$50,000 – 100,000. Strict criteria for selection will be formulated in full in the project development phase. The criteria will include: the contribution of the action to regional resilience; the innovativeness of the action; its complementarity with larger scale actions



(Component 3) of the project; cost effectiveness; delivery of co-benefits; and compliance with Environmental and Social Policy of the Adaptation Fund. The actions under this component will support CBA initiatives to improve water resources, river services and food security (small irrigation schemes) and other relevant initiatives.

5. *Knowledge management and learning*

This component will aim at strengthening awareness and ownership of adaptation options at the transboundary level and the proposed activities (and outputs) could include elements of capturing, analyzing, sharing and disseminating experiences across the basin and beyond; appropriate mechanisms for sharing experiences will be identified and these could include the regional forums, meetings, exchange visits to project sites between participating "projects" within the basin etc. Additional global platforms will also be critical for learning and sharing such as Global Adaptation Network (GAN), UNFCCC Nairobi Work Programme, Adaptation Committee (AC), The International Environment Forum for Basin Organizations etc.

This project proposal is consistent with and will be contributing to the EAC Climate Change Strategy and the LVBC Strategic Plan (2011 – 2016). In addition, it also aligns with the planned National Adaptation Plans (NAPs), which make linkages between adaptation and development plans. As such it is expected to contribute to promotion of integrated transboundary water issues focusing on climate resilience; with coordinated measures that are coherent with regional and national development plans & priorities, international commitments and also aligned to sustainable development goals (SDGs).

To avoid duplication with all the past or existing climate change adaption initiatives; the project activities will be considered and selected the Lake Victoria Basin Task Force (composed by technical staff from all EAC Staff). This project will also build on and make links to the strategic early warning systems such as those built by the UK Met Office in collaboration with the Uganda Department of Meteorology and telecommunications company Ericsson among others. In addition the project will aim to explore innovative solutions building on these systems to support communities across the entire basin not just for fisher-folk but will include people from different agro-ecological systems and productive landscapes (particularly vulnerable communities).

The proposed project will therefore be contributing to actions such as restoration of vital transboundary ecosystems, regional institutional strengthening and sharing of experience of climate-resilient management of transboundary waters. This proposal is also aligned with the National Climate Change policies, National adaptation Plans of Action (NAPAs) and country strategy and programs. Through its innovative approach, the project is expected to spearhead the development of innovative transboundary water management instruments that work towards resilient ecosystems and communities. At the same time the project will work towards generating experiences and lessons from the basin and this will enable further replication in other transboundary water bodies.

***Consultation process for full proposal development***

The development of the full proposal will go through two stages: 1) preparation of a full concept; 2) preparation of full proposal. In the preparation of the full concept UNEP will work with LVBC and other partners to elaborate the project components.. The proposed project will be undertaken in consultation with the various stakeholders such as the LVBC, EAC, Nile Basin Initiative (NBI), and other partners undertaking work within the river basin. Initial considerations during the concept development phase have been given to complement currently on-going initiatives such as the USAID funded PREPARED Programme.

***Cost-effectiveness and sustainability***

For cost-effectiveness purposes, this proposed project will build on the experiences from present and past initiatives within the basin. Furthermore it will explore the existing delivery mechanisms and institutional structures, strengthening and adjusting them where necessary. In addition, the proposed project will consider regional coordination mechanisms by working through existing structures such as inter-ministerial and cross-sectoral coordination mechanisms at the lake basin level. The LVBC as the executing agency of the project will pursue the sustainability of the project results by integrating climate resilience and adaptation related issues into the basin work programming and budgetary planning.



### PART III: IMPLEMENTATION ARRANGEMENTS

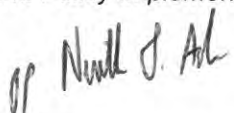
This project will be executed by a consortium of partners coordinated by the Lake Victoria Basin Commission Secretariat (LVBC). UNEP will provide oversight and guidance and will have the responsibility of monitoring and evaluating the implementation of project. It is envisaged that the LVBC will set up a Programme Management Unit (PMU), which will be responsible for implementing the project components and activities. The PMU will also be responsible for day-to-day coordination and ensuring stakeholder engagement. A Project Board will provide overall strategic guidance and direction of the programme. It is envisaged that the LVBC will also liaise with National Ministries responsible for water resources management; and particularly directorate for international waters in all EAC Partner States and also Ministries of Environment. Following consultations at the pre-concept preparation stage with the NDAs and NIEs of Kenya and Rwanda, the LVBC will work closely with NEMA and REMA, as co-executors at national level (see Annex A).

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

#### A. Record of endorsement on behalf of the government<sup>2</sup>

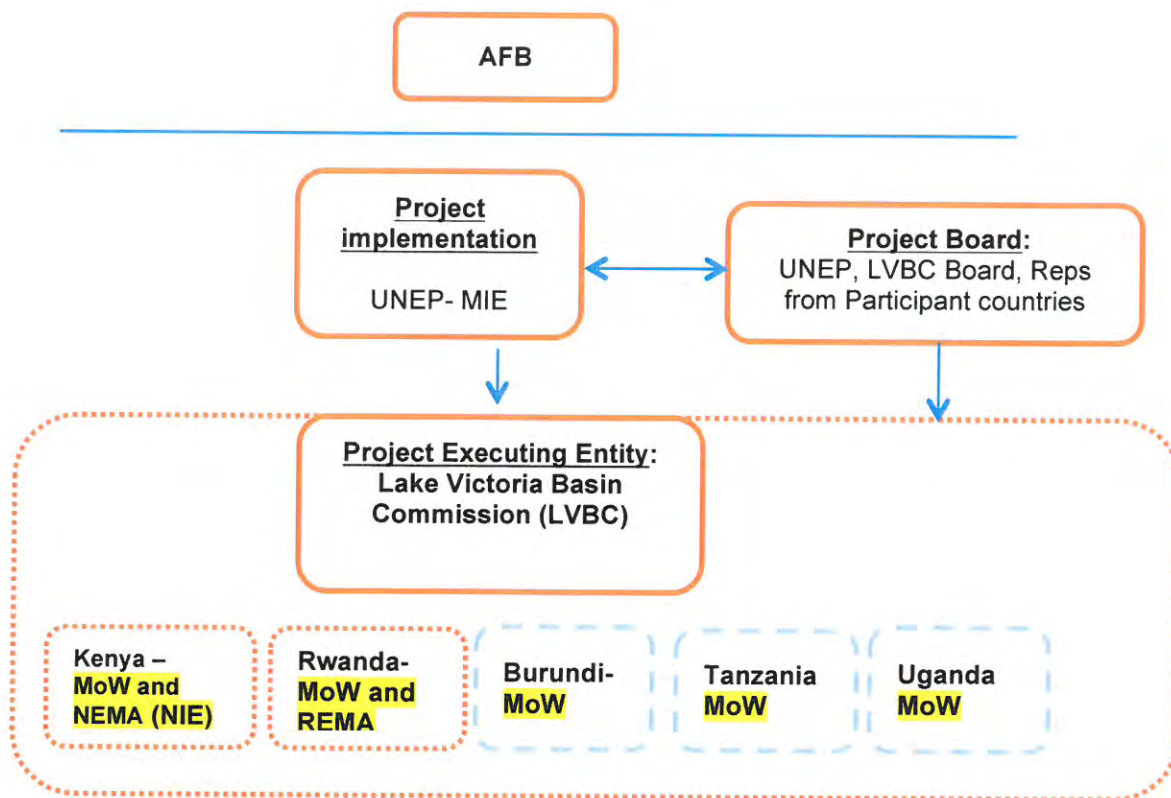
<b>Burundi:</b> Mr. Anicet Nkurikiye, Adviser to the Minister Ministry of Water, Environment, Lands, and Urban Planning	Date: August, 18 <sup>th</sup> , 2015
<b>Kenya:</b> Dr. Richard Lesiyampe, MBS. Principal Secretary, Ministry of Environment, Water and Natural Resources.	Date: July, 29 <sup>th</sup> , 2015
<b>Rwanda:</b> Mr. Fatima Mukarubibi, Permanent Secretary, Ministry of Lands, Environment, Forestry, Water & Mines.	Date: July, 30 <sup>th</sup> , 2015
<b>Tanzania:</b> Ms. Angelina Madete, Deputy Permanent Secretary, Vice-Presidents Office	Date: August, 28 <sup>th</sup> , 2015
<b>Uganda:</b> Mrs. Joyce Kamanyire Ruhweeza, Ag. Assistant Commissioner-Aid Liaison Department	Date: August, 27 <sup>th</sup> , 2015

#### B. Implementing Entity certification

I certify that this proposal has been prepared in accordance with guidelines provided by the Adaptation Fund Board, and prevailing National Development and Adaptation Plans and subject to the approval by the Adaptation Fund Board, commit to implementing the project/programme in compliance with the <u>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.	
Mette L. Wilkie, Director, Division of Environmental and Policy Implementation (DEPI) Implementing Entity Coordinator 	
Date: September, 7 <sup>th</sup> , 2015	Tel. and email: +254 20 7624782 & Mette.Wilkie@unep.org
Project Contact Person: Barney Dickson (Head, Climate change Adaptation Unit)	
Tel. And Email: +254 20 7623545 & Barney.Dickson@unep.org	

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.

Annex A: implementation Modalities:





REPUBLIC OF BURUNDI

Bujumbura, 18 August, 2015



**MINISTRY OF WATER, ENVIRONMENT,  
LAND MANAGEMENT AND URBAN PLANNING  
ADAPTATION FUND / DESIGNATED AUTHORITY**

Letter of Endorsement by Government

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 the pre-concept proposal on “Adapting to climate change in Lake Victoria Basin”.**

In my capacity as designated authority for the Adaptation Fund in the Republic of Burundi, I confirm that the above (Lake Victoria Basin) Pre-Concept project proposal is in accordance with the government's (select national or regional) priorities in implementing adaptation activities to reduce adverse impacts of, and risks, posed by climate change in the Republic of Burundi.

Accordingly, I am pleased to endorse the above project /program proposal with support from the Adaptation Fund. If approved, the project/program will be implemented by United Nations Environment Program (UNEP) and executed by the Lake Victoria Basic Commission (LVBC).

Sincerely,



Mr Anicet NKURIKIYE  
Designated Authority for the Adaptation Fund  
in the Republic of Burundi  
Ministry of Water, Environment, Land and  
Urbanization  
P.O Box 34 Gitega; Burundi  
Tel: +257-79 900709 / +257-77 867 181  
Email: [nkurianicet@yahoo.fr](mailto:nkurianicet@yahoo.fr)  
Skype: anicet.nkurikiye2





## MINISTRY OF ENVIRONMENT AND NATURAL RESOURCES

Office of the Principal Secretary

Telegrams: "NATURE", Nairobi  
Telephone: 0254-20-2730808/9  
Fax : 0254-20-2734722  
Email : [psoffice@environment.go.ke](mailto:psoffice@environment.go.ke)  
Website : [www.environment.go.ke](http://www.environment.go.ke)

N.H.I.F. BUILDING  
RAGATI ROAD  
P.O. BOX 30126  
NAIROBI

Ref No: DENR/EMC/5/1

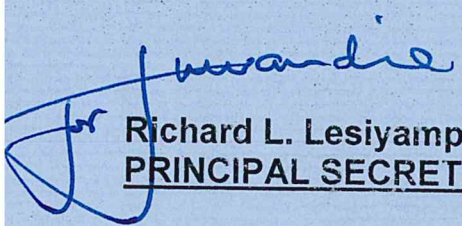
Date: 29<sup>th</sup> July 2015

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 the Pre-Concept Proposal on "Adapting to Climate Change in Lake Victoria Basin".**

In my capacity as designated authority for the Adaptation Fund in the Republic of Kenya, I confirm that the above (Lake Victoria Basin) Pre-Concept project proposal is in accordance with the government's (select national or regional) priorities in implementing adaptation activities to reduce adverse impacts of, and risks, posed by climate change in the Republic of Kenya.

Accordingly, I am pleased to endorse the above project /program proposal with support from the Adaptation Fund. If approved, the project/programme will be implemented by United Nations Environment Programme (UNEP) and executed by the Lake Victoria Basic Commission (LVBC).

  
Richard L. Lesiyampe, (PhD). MBS  
PRINCIPAL SECRETARY



REPUBLIC OF RWANDA



**MINISTRY OF NATURAL RESOURCES**  
**P.O. BOX 3502 KIGALI**

Kigali, on **30 JUL 2015**  
Ref **1460**/16.03

**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 the pre-concept proposal on “Adapting to climate change in Lake Victoria Basin”.**

In my capacity as designated authority for the Adaptation Fund in the Republic of Rwanda, I confirm that the above (Lake Victoria Basin) Pre-Concept project proposal is in accordance with the government's (select national or regional) priorities in implementing adaptation activities to reduce adverse impacts of, and risks, posed by climate change in the Republic of Rwanda.

Accordingly, I am pleased to endorse the above project /program proposal with support from the Adaptation Fund. If approved, the project/programme will be implemented by United Nations Environment Programme (UNEP) and executed by the Lake Victoria Basic Commission (LVBC).

Sincerely,

**Fatina MUKARUBIBI**  
**Permanent Secretary**



**UNITED REPUBLIC OF TANZANIA  
VICE PRESIDENT'S OFFICE**

Telegrams: "MAKAMU",  
Tel.: **2113857/2116995**  
Fax.: **2113856**  
E-mail: ps@vpo.go.tz



6 Albert Luthuli Street,  
P. O. Box. 5380,  
11406 Dar es Salaam.  
**TANZANIA.**

Ref: BD/ 38/49/01/P/66

14<sup>th</sup> September, 2015

To: The Adaptation Fund Board,  
C/O Adaptation Fund Board Secretariat,  
Email: Secretariat@Adaptation-Fund.org,  
Fax: 202 522 3240/5.

**RE: ENDORSEMENT LETTER ON THE PROPOSAL FOR "ADAPTING TO  
CLIMATE CHANGE PROJECT IN LAKE VICTORIA BASIN"**

In my capacity as designated authority for the Adaptation Fund in United Republic of Tanzania, I confirm that the project proposal is in accordance with the government's regional priorities in conserving transboundary ecosystems to reduce adverse impacts of and risks, posed by Climate Change. Accordingly, I am pleased to endorse the above project proposal with support from the Adaptation Fund, with the understanding that the proposed budget for this project will not use the national allocated fund (AF). If approved, the project/programme will be implemented by United Nations Environment Programme (UNEP) and executed by the Lake Victoria Basic Commission (LVBC).

We believe the proposed project will address the recommendations of the regional Climate Change Vulnerability Impact Assessment study to be implemented by all five member countries. In doing so the project will add value to what is being implemented in the region. The endorsement project will add to the national efforts in addressing transboundary climate change adaptation issues that are not covered by national projects.

Sincerely,

Eng. A. Madete  
**FOR: PERMANENT SECRETARY**

*All correspondences should be Addressed to Permanent Secretary*

Telephone : 256 41 4707 000  
: 256 41 4232 095  
Fax : 256 41 4230 163  
: 256 41 4343 023  
: 256 41 4341 286  
Email : [finance@finance.go.ug](mailto:finance@finance.go.ug)  
Website : [www.finance.go.ug](http://www.finance.go.ug)



Ministry of Finance, Planning &  
Economic Development  
Plot 2-12, Apollo Kaggwa Road  
P.O. Box 8147  
Kampala  
Uganda

In any correspondence on  
this subject please quote No. EDP79/251/02

THE REPUBLIC OF UGANDA

27<sup>th</sup> August, 2015

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 A PROJECT "Adapting to Climate Change  
in Lake Victoria Basin Countries (Burundi, Kenya, Rwanda, Tanzania  
and Uganda US\$5,000,000.**

In my capacity as Designated Authority for the Adaptation Fund in Uganda, I confirm that the above Regional Project Concept 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 Uganda as part of Lake Victoria Basin at an estimated total cost of US\$5,000,000 (five million dollars only) for a period of three years. Lake Victoria is very important for water supply, power generation, and transport to the region.

Accordingly, I am pleased to endorse the above Concept proposal for consideration for financing by the Adaptation Fund. If approved, the project will be implemented by United Nations Environment Programme (UNEP) and executed by Lake Victoria Basin Commission (LVBC).

Sincerely,

Joyce Kamanyire Ruhweza  
**DESIGNATED AUTHORITY FOR THE ADAPTATION FUND  
PRINCIPAL ECONOMIST**  
Ministry of Finance, Planning and Economic Development  
Government of the Republic of Uganda

Copies: The Permanent Secretary/Secretary to the Treasury  
Ministry of Finance, Planning and Economic Development  
Kampala, Uganda

The Permanent Secretary  
Ministry of Water and Environment  
Kampala

*Mission*

*"To formulate sound economic policies, maximize revenue mobilization, ensure efficient allocation and accountability for public resources so as to achieve the most rapid and sustainable economic growth and development"*

Mr. Chebet Maikut  
UNFCCC National Focal Point  
Ministry of Water and Environment, Kampala

Ms. Mette L. Wilkie ✓  
The UNEP Department of Environmental Policy Implementation (DEPI)  
Director & Implementing Entity Coordinator  
P.O. Box 30552 (00100)  
Nairobi, Kenya

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*Mission*

*"To formulate sound economic policies, maximize revenue mobilization, ensure efficient allocation and accountability for*