



ADAPTATION FUND

AFB/PPRC.22-23/4
6 June 2018

Adaptation Fund Board
Project and Programme Review Committee

PROPOSAL FOR UGANDA

Background

1. The Operational Policies and Guidelines (OPG) for Parties to Access Resources from the Adaptation Fund (the Fund), adopted by the Adaptation Fund Board (the Board), state in paragraph 45 that regular adaptation project and programme proposals, i.e. those that request funding exceeding US\$ 1 million, would undergo either a one-step, or a two-step approval process. In case of the one-step process, the proponent would directly submit a fully-developed project proposal. In the two-step process, the proponent would first submit a brief project concept, which would be reviewed by the Project and Programme Review Committee (PPRC) and would have to receive the endorsement of the Board. In the second step, the fully-developed project/programme document would be reviewed by the PPRC, and would ultimately require the Board's approval.

2. The Templates approved by the Board (Annex 5 of the OPG, as amended in March 2016) do not include a separate template for project and programme concepts but provide that these are to be submitted using the project and programme proposal template. The section on Adaptation Fund Project Review Criteria states:

For regular projects using the two-step approval process, only the first four criteria will be applied when reviewing the 1st step for regular project concept. In addition, the information provided in the 1st step approval process with respect to the review criteria for the regular project concept could be less detailed than the information in the request for approval template submitted at the 2nd step approval process. Furthermore, a final project document is required for regular projects for the 2nd step approval, in addition to the approval template.

3. The first four criteria mentioned above are:

- (i) Country Eligibility,
- (ii) Project Eligibility,
- (iii) Resource Availability, and
- (iv) Eligibility of NIE/MIE.

4. The fifth criterion, applied when reviewing a fully-developed project document, is:
(v) Implementation Arrangements.

5. It is worth noting that since the twenty-second Board meeting, the Environmental and Social (E&S) Policy of the Fund was approved and since the twenty-seventh Board meeting, the Gender Policy (GP) of the Fund was also approved. Consequently, compliance with both the ESP and the GP has been included in the review criteria both for concept documents and fully-developed project documents. The proposals template was revised as well, to include sections requesting demonstration of compliance of the project/programme with the ESP and the GP.

6. In its seventeenth meeting, the Board decided (Decision B.17/7) to approve "Instructions for preparing a request for project or programme funding from the Adaptation Fund", contained in the Annex to document AFB/PPRC.8/4, which further outlines applicable review criteria for both concepts and fully-developed proposals. The latest version of this document was launched in October 2016 following an update of the Operational Policies and Guidelines in March 2016.

7. Based on the Board Decision B.9/2, the first call for 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 April 8, 2010.
8. 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.
9. The following project concept titled “Sustainable management of adjacent ecosystems of specially protected nature areas of the RA and capacity building in communities” was submitted by the Environmental Project Implementation Unit (EPIU) of the Ministry of Nature Protection of Armenia, which is a National Implementing Entity of the Adaptation Fund.
10. This is the second submission of the proposal using the two-step submission process. It was received by the secretariat in time to be considered in the intersessional review cycle between the 31st and 32nd meetings of the Board. The secretariat carried out a technical review of the project proposal, assigned it the diary number ARM/NIE/Forest/2017/1, and completed a review sheet.
11. In accordance with a request to the secretariat made by the Board in its 10th meeting, the secretariat shared this review sheet with the World Bank, and offered it the opportunity of providing responses before the review sheet was sent to the PPRC.
12. 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.

Project Summary

Uganda – Strengthening Climate Change Adaptation of Small Towns and Peri-Urban Communities

Implementing Entity: AfDB

Project/Programme Execution Cost: USD 181,064

Total Project/Programme Cost: USD 2,086,996

Implementing Fee: USD 162,004

Financing Requested: USD 2,249,000

Project Background and Context:

Uganda is a landlocked country occupying 241,550.7 km² of land, of which 43,941km² is covered by open water and swamps; its largest water bodies are Lakes Victoria, Kyoga, and Albert. Precipitation varies from 750 mm/yr in the Karamoja pastoral dry areas in the northeast to 1,500 mm/yr in the high rainfall areas on the shores of Lake Victoria, around the highlands of Mount Elgon in the east, the Ruwenzori Mountains in the southwest, Masindi in the west and Gulu in the north. However, the seasonal and spatial variability of precipitation remains a challenge in the humid and semi-arid regions of the country. In recent times, Uganda has experienced heavy rainfalls that led to flash floods, which resulted in increased pollution of unsafe water sources and leading to the outbreak of waterborne diseases such as diarrhoea, typhoid and cholera in certain parts of the country. The proposed project's overall objective is increase the resilience of water sources to climate change effects by protecting the catchments for the water supply systems of Kyenjojo-Katoke, Bundibugyo and Kapchorwa. The project will support the integration of critical adaption measures into the baseline project, which will ensure continued water supply, even during drought periods, while also protecting natural systems and assets from food and other related risks, through the implementation of three components:

Component 1: Establish climate resilient catchment management framework for catchments of Rivers Atari, Aswa and Tokwe. (USD 500,000)

This component will focus on establishing institutional structures for long term resilience of water supply. Activities under this component include: Development of Environmental and Social Management Framework (ESMF) to guide implementation of concrete climate change adaptation actions in the catchments of three rivers (River. Atari, River. Tokwe and River Aswa); Development of catchment-specific management plans for the targeted three rivers; and Establishment and support of Water & Environmental Management (WEM) Committees to undertake distinct catchment protection activities within the project areas. Under this component, a Mid-term and End of project Environmental and Social Audit will also be conducted for the project.

Component 2: Supporting adaptation actions for increased community resilience and sustained livelihoods. (USD 1,105,932)

This component will focus on protecting the targeted rivers and their catchments to ensure long term sustainability of the quantity and quality of water. Proposed activities will include equipping the community with appropriate land use techniques to control erosion and siltation of rivers, the restoration of degraded sub catchments through tree planting in selected buffer zones, establishment of commercial tree nurseries, the restoration of degraded river banks and buffer

zones, and supporting communities to rehabilitate degraded wetlands located in delineated catchments and sub catchments of the targeted three rivers.

Component 3: Building capacity of catchment management structures (USD 300,000)

This component will support climate change education for a range of stakeholders from the local to national level to ensure better understanding of climate change impacts, their causes, and means of responses available. It will facilitate the mainstreaming of climate resilience in urban water and sanitation sector planning. This component will also include the documentation and dissemination of best practices and lessons learnt from the implemented climate adaptation activities and development of a communication strategy.



ADAPTATION FUND

ADAPTATION FUND BOARD SECRETARIAT TECHNICAL REVIEW OF PROJECT/PROGRAMME PROPOSAL

PROJECT/PROGRAMME CATEGORY: Regular-sized Project Concept

Country/Region: **Uganda**Project Title: **Strengthening Climate Change Adaptation of Small Towns and Peri-Urban Communities**AF Project ID: **UGA/MIE/Water/2018/1**

IE Project ID:

Reviewer and contact person: **Farayi Madziwa**IE Contact Person: **Ayanleh Daher Aden**Requested Financing from Adaptation Fund (US Dollars): **2,249,000**Co-reviewer(s): **Katya Kuang-Idba, Dirk Lamberts**

Review Criteria	Questions	Comments 7 May 2018	Comments 23 May 2018
Country Eligibility	1. Is the country party to the Kyoto Protocol?	Yes	
	2. Is the country a developing country particularly vulnerable to the adverse effects of climate change?	Yes	
Project Eligibility	1. Has the designated government authority for the Adaptation Fund endorsed the project/programme?	Yes	

	<p>2. Does the project / programme support concrete adaptation actions to assist the country in addressing adaptive capacity to the adverse effects of climate change and build in climate resilience?</p>	<p>Yes, for the concept stage. However, the proposed activities include potential unidentified sub projects (USPs) which may arise at the time when the planned river-specific banks restoration plans, and site-specific plans for wetland restoration are undertaken. The following are recommended at the full proposal stage:</p> <ul style="list-style-type: none"> (i) The potential nature and scope for activities that could be undertaken under USPs arising from site specific river bank and wetland restoration plans should be identified as far as is feasible. (ii) The full market chain for commercial tree seedlings should be fully identified including the end buyers/consumers of the seedlings from the commercial tree nursery business. (iii) The terminology used for some of the activities which is vague, such as “appropriate/modern farming practices”, and “strengthen community structures” should be explained fully. 	
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	3. Does the project / programme provide economic, social and environmental benefits, particularly to vulnerable communities, including gender considerations, while avoiding or mitigating negative impacts, in compliance with the Environmental and Social Policy and Gender Policy of the Fund?	Yes. However, the concept mentions that access to water will “ <i>allow for the reallocation of time dedicated to fetching water towards engaging in <u>other productive activities</u></i> ”, and these activities should be fully identified at the full proposal stage. In addition, the full proposal should also consider that the establishment of hotels as a result of water access seems highly speculative, including the mentioned resultant employment of women and youths in these establishments, and this should be outlined as an indirect and possible outcome, not a certainty.	
	4. Is the project / programme cost effective?	Yes. However, at the fully developed proposal stage, a clear description of an alternative option to the proposed catchment management approach that could achieve the same project results should be provided.	
	5. Is the project / programme consistent with national or sub-national sustainable development strategies, national or sub-national development plans, poverty reduction strategies, national communications and adaptation programs of action and other relevant instruments?	Yes.	

	6. Does the project / programme meet the relevant national technical standards, where applicable, in compliance with the Environmental and Social Policy of the Fund??	Partially. CR1: Please state whether any of the proposed concrete project activities would require any authorizations and/or licenses under Uganda's legislative and regulatory frameworks.	CR1: Not addressed. The additional information provided is limited to national EIA requirements. The proponent should explain whether any permits or licenses such as water abstraction permits land conversion and/or land rezoning permits would be required in addition to the Environmental Impact Assessment (EIA) Regulation and Environmental and Social Management Plan (ESMP). In addition, please consider that during full proposal preparation, all the relevant national technical standards for all the project activities (not just limited to those related to EIA) should be identified and a description provided on how the project will comply with these.
	7. Is there duplication of project / programme with other funding sources?	No.	
	8. Does the project / programme have a learning and knowledge management component to capture and feedback lessons?	Yes.	

	<p>9. Has a consultative process taken place, and has it involved all key stakeholders, and vulnerable groups, including gender considerations in compliance with the Environmental and Social Policy and Gender Policy of the Fund?</p>	<p>Yes. Field visits were held and meetings done with local authorities, water management committees, household heads and district gender officers. However, at the full proposal stage, the proposal should provide a detailed description and explanation on the following:</p> <ul style="list-style-type: none"> (i) How gender equality was taken into consideration during stakeholder consultation. (ii) The project has identified vulnerable and or marginalized beneficiaries (people with disabilities, female headed and child headed households). A clear outline of the steps followed to include them and obtain their input during stakeholder consultation should be provided. <p>As a general comment, whilst the application of internal and external gender mainstreaming tools is acknowledged, at the full proposal development stage, please align assessments with the Fund's gender policy and gender guidance document, both available on the Fund website: https://www.adaptationfund.org/documents-publications/operational-policiesguidelines/.</p>	
	<p>10. Is the requested financing justified on the basis of full cost of adaptation reasoning?</p>	Yes.	
	<p>11. Is the project / program aligned with AF's results framework?</p>	Yes.	

	12. Has the sustainability of the project/programme outcomes been taken into account when designing the project?	Yes.	
	13. Does the project / programme provide an overview of environmental and social impacts / risks identified, in compliance with the Environmental and Social Policy and Gender Policy of the Fund?	<p>Partially. The key activity of component 1 suggests providing environmental and social safeguard services, according to AfDB standards, to an AfDB project that is under preparation. Developing that ESMF, as an Adaptation Fund activity needs to comply with the Adaptation Fund environmental and social policy (ESP) and the ESMF that will be produced from this activity should be compliant with the Adaptation Fund ESP.</p> <p>The activities under component 2 suggest that they are all unidentified sub projects (USPs) in their current presentation. <u>They need to be fully identified during full project preparation.</u> In case this is not feasible, the insurmountable obstacles thereto need to be identified and an ESMP prepared at the full proposal stage that will include a mechanism to apply the ESP to the USPs as and when these are identified to the point where effective risks identification is possible.</p> <p>The risks identification as presented on p. 23-25 is inadequate as the specific environmental and social setting of the activities is yet to be decided. The proposal includes an initial screening and assessment of environmental and social risks. However, some of the risks findings, e.g., human rights, pollution</p>	

		<p>prevention and lands and soil conservation, lack the required substantiation (justification of the findings for each risk) required in line with the Fund's environmental and social policy (ESP). The principle on access and equity has not been considered in the risks identification process.</p> <p>CR2: Please provide an identification and screening of risks using the Adaptation Fund environmental and social policy (ESP) and gender policy (GP), including the principle on access and equity.</p> <p>CR3: Please provide a justification of the findings for each risk. In addition, please provide substantiation of why the project will not have an impact on the protection of natural habitats nor the conservation of biological diversity when some project activities include introducing tree species and possible earth works to restore and rehabilitate river banks, wetlands, and degraded forest areas. <u>Please describe how the triggered risks will be addressed during the fully developed proposal stage.</u></p>	<p>CR2: Not addressed. Please provide an identification and screening of risks using the Adaptation Fund environmental and social policy (ESP) and gender policy (GP) as per the table and format provided in the Adaptation Fund project proposal template. The ESP principle on access and equity has not been included. Please include a risk screening for the Adaptation Fund ESP principle on access and equity.</p> <p>CR2.1: In addition to the above, please include risk categorization using the Adaptation Fund ESP.</p> <p>CR3: Not addressed. Please provide a justification of the findings for each risk. In addition, please provide substantiation of why the project will not have an impact on the protection of natural habitats nor the conservation of biological diversity when some project activities include introducing tree species and possible earth works to restore and rehabilitate river banks, wetlands, and degraded forest areas. <u>Please describe how the triggered risks will be addressed during the fully developed proposal stage</u></p>
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Resource Availability	1. Is the requested project / programme funding within the cap of the country?	Yes	
	2. Is the Implementing Entity Management Fee at or below 8.5 per cent of the total project/programme budget before the fee?	Yes, the fee is 7.76%.	
	3. Are the Project/Programme Execution Costs at or below 9.5 per cent of the total project/programme budget (including the fee)?	Yes. The fee is 8.68%.	
Eligibility of IE	4. Is the project/programme submitted through an eligible Implementing Entity that has been accredited by the Board?	Yes. AfDB is an accredited multilateral implementing entity	
Implementation Arrangements	1. Is there adequate arrangement for project / programme management, in compliance with the Gender Policy of the Fund?	n/a (Not required at Project Concept stage)	

	2. Are there measures for financial and project/programme risk management?	n/a (Not required at Project Concept stage)	
	3. Are there measures in place for the management of environmental and social risks, in line with the Environmental and Social Policy and Gender Policy of the Fund?	n/a (Not required at Project Concept stage)	
	4. Is a budget on the Implementing Entity Management Fee use included?	n/a (Not required at Project Concept stage)	
	5. Is an explanation and a breakdown of the execution costs included?	n/a (Not required at Project Concept stage)	
	6. Is a detailed budget including budget notes included?	n/a (Not required at Project Concept stage)	
	7. Are arrangements for monitoring and evaluation clearly defined, including budgeted M&E plans and sex-disaggregated data, targets and indicators, in compliance with the Gender Policy of the Fund?	n/a (Not required at Project Concept stage)	

	8. Does the M&E Framework include a break-down of how implementing entity IE fees will be utilized in the supervision of the M&E function?	n/a (Not required at Project Concept stage)	
	9. Does the project/programme's results framework align with the AF's results framework? Does it include at least one core outcome indicator from the Fund's results framework?	n/a (Not required at Project Concept stage)	
	10. Is a disbursement schedule with time-bound milestones included?	n/a (Not required at Project Concept stage)	

Technical Summary	<p>The proposed project plans to increase the resilience of water sources and supply in Kyenjojo-Katoke, Bundibugyo and Kapchorwa to the negative impacts of climate change through protecting catchments and sub-catchments of the Aswa, Atari and Tokwe rivers in Uganda. The project aims to: a) Strengthen community structures in environmental and water resources management in alignment with community adaptation to climate change; b) Increase the resilience of communities by supporting adaption actions for sustained ecosystems and livelihoods; and c) Build the capacity of selected stakeholders at different levels in catchment management.</p> <p>The project will support the integration of critical adaption measures into the baseline project, which will ensure continued water supply, even during drought periods, while also protecting natural systems and assets from food and other related risks, through the implementation of three components:</p> <ol style="list-style-type: none"> 1) Establish climate resilient catchment management framework for catchments of Rivers Atari, Aswa and Tokwe; 2) Supporting adaptation actions for increased community resilience and sustained livelihoods
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3) 3) Building capacity of catchment management structures.

The initial technical review found that the project was unclear on whether there were national technical standards requiring authorization or licensing of project activities that would apply to the project in compliance with the Environmental and Social Policy (ESP) of the Fund. In addition, the project did not provide adequate reasoning and commensurate impacts assessment for why some of the risks were or were not triggered in line with the Fund's ESP and Gender Policy to allow for adequate risks identification.

The final review finds that the revised project document did not sufficiently address the clarification requests made and still needs to identify all relevant permits/licenses and authorizations etc, that the proposed project may need to comply with, as applicable, in order to meet the relevant national technical standards, and still needs to provide a risks identification and screening using the Adaptation Fund environmental and social policy (ESP) and gender policy (GP), including a justification of the findings for each risk and a risk categorization of the project in line with the Adaptation Fund's ESP.

The following observations remain, to be addressed by the proponent:

- a) Please identify and provide a description of authorizations and/or licenses that would be required in addition to those required under the Environmental Impact Assessment (EIA) Regulation, and include a description of how the project will comply with them.
- b) Please undertake a risk screening for the Adaptation Fund ESP principle on access and equity and provide an identification and screening of all risks using the Adaptation Fund environmental and social policy (ESP) and gender policy (GP) as per the table and format provided in the Adaptation Fund project proposal template.
- c) Please include risk categorization using the Adaptation Fund ESP.
- d) Please provide a justification of the findings for each risk and a substantiation of why the project will not have an impact on the protection of natural habitats nor the conservation of biological diversity when some project activities include introducing tree species and possible earth works to restore and rehabilitate river banks, wetlands, and degraded forest areas. In addition, please describe how the triggered risks will be addressed during the fully developed proposal stage.

Date:

23 May 2018

RESPONSE SHEET PROVIDED BY BOAD TO ADDRESS THE OBSERVATIONS MADE BY THE BOARD AT ITS 31ST MEETING



ADAPTATION FUND

ADAPTATION FUND BOARD SECRETARIAT TECHNICAL REVIEW OF PROJECT/PROGRAMME PROPOSAL

PROJECT/PROGRAMME CATEGORY: Regular-sized Project Concept

Country/Region: **Uganda**

Project Title: **Strengthening Climate Change Adaptation of Small Towns and Peri-Urban Communities**

AF Project ID: **UGA/MIE/Water/2018/1**

IE Project ID:

Requested Financing from Adaptation Fund (US Dollars): **2 249 000**

Reviewer and contact person: **Farayi Madziwa**

Co-reviewer(s): **Katya Kuang-Idba, Dirk Lamberts**

IE Contact Person: **Andrew Mbiro**

Review Criteria	Questions	Comments 5 February 2018	Comments 23 February 2018	Agency Response 16 April 2018
Country Eligibility	3. Is the country party to the Kyoto Protocol?	Yes		
	4. Is the country a developing country particularly vulnerable to the adverse effects of climate change?	Yes		
Project Eligibility	14. Has the designated government authority for the Adaptation Fund endorsed the project/programme?	Yes		

	<p>15. Does the project / programme support concrete adaptation actions to assist the country in addressing adaptive capacity to the adverse effects of climate change and build in climate resilience?</p>	<p>Unclear. The proposed project is a combination of “hard” interventions and capacity building at the community level. It appears to target catchment management in order to complement downstream activities by the STWSSP for water abstraction and supply to several towns. However, the boundaries of the proposed project as a separate endeavour from the STWSSP are unclear and evidence of climate change effects in the target area is not clearly explained. Further, it is difficult to ascertain what concrete activities are proposed to address the climate threats or incidence.</p> <p>Activities have not been fully identified and have used broad terminology mentioning for example, that wetlands and degraded river banks will be rehabilitated or restored but it is not clear what specific activities will be undertaken to achieve</p>	<p>Addressed, for the concept stage. However, the content under the heading “Proposed activities” on page 9 seems to have been placed under the wrong section as it appears to be more relevant to Part II, Section A.</p> <p>In addition, at the full proposal stage the proponent should provide further clarity on the description of the proposed concrete activities and should mention possible specific interventions to address identified climate threats. This includes providing clarity on some phrases, e.g., “appropriate/modern farming practices”, and what is meant by “strengthen community structures”.</p>	
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		<p>this, besides tree planting. Another example is the mention in the proposal that the project will focus on strengthening community structures, but it is unclear how or what activities will be implemented to achieve this. Defining proposed activities as far as possible is important to allow for proper identification and assessment of risks and mitigative action where necessary.</p> <p>Lastly Robust management plans for sub catchments seems more like an output and not an outcome.</p> <p>CR1: Please describe the climate problem, the current activities in the catchment areas/the baseline and how proposed concrete activities will address the problems/increase resilience in the context of climate change.</p>	<p>CR1: Corrective action required. Please move the description of projects components stated under the heading "Proposed Activities: on page 9 to the relevant section of the template, that is., Part II, Section A.</p>	<p>CR1, AfDB, 16/04/2018: Thank you for this comment. The description of projects components stated under the heading "Proposed Activities: on page 9 was moved to the relevant section of the template, that is., Part II, Section A.</p> <p>In addition, at the full proposal stage, further clarity will be provided</p>
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				concerning concrete activities with a more detailed description of specific interventions to address identified climate threats.
	16.Does the project / programme provide economic, social and environmental benefits, particularly to vulnerable communities, including gender considerations, while avoiding or mitigating negative impacts, in compliance with the Environmental and Social Policy and Gender Policy of the Fund?	<p>Partially. The project aims to benefit 125,000 people by 2020 and 270,000 people by 2040. It will provide social and economic benefits through job creation and skills development; while also providing increased access to clean water, reduced water collection times and distances, improved sanitation, improved water quality, improvements in public and household sanitation, increased awareness of personal hygiene.</p> <p>However, whilst the proposed activities could support catchment and water protection practices, including catchment planning and soil conservation measures, it appears that the benefits of the project are combined with outcomes</p>	Partially addressed. The social benefits seem to constitute more of economic benefits. The business case for the proposed commercial tree nursery is not clear. Who would be the market and if the project would be the main buyer, how would this business be sustained after project closure? The newly inserted last sentence under social benefits introduces the notion of community training to start businesses which is vague and could result in unidentified sub-projects.	

		<p>of the STWSSP and broader general benefits of an improved integrated water management and supply system or it is not clear whether this is the case e.g., there is mention of “<i>bringing water closer to women</i>”, “<i>employment creation for women</i>”, and “<i>enrolment of graduate trainees</i>” but in the project components, it is unclear which project activities will support these. It would be useful to clearly describe the different beneficiaries e.g., with particular reference to vulnerable communities, households, and individuals, including any direct and indirect benefits.</p> <p>CR2: Please include a description of direct including any indirect benefits that would accrue within the catchment areas as a result of the proposed project. Please also include an aggregation of beneficiaries by gender if possible, and whether marginalised and vulnerable groups have</p>	<p>CR2: Partially addressed. Please provide more clarity on the distinction between the stated social benefits and economic benefits. In so doing, please clarify the business case for the proposed commercial tree nursery and provide further clarification on the proposed community training to start businesses. Lastly, please</p>	<p>CR2, AfDB, 16/04/2018: Thank you, additional clarifying information distinguishing economic from social benefits arising from the project was added under Part 2, Section B. The project will bring:</p> <ul style="list-style-type: none"> • Economic benefits by directly improving adaptation capacity of
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		also been identified as beneficiaries.	ensure aggregation of beneficiaries by gender and identification of marginalised and vulnerable groups.	<p>approximately 10,000 vulnerable people from approximately 1,500 households (3,500 people, 500 households targeted in each of the three catchments) notably through employment creation for women and youth, and the production of seedlings from established tree nurseries.</p> <ul style="list-style-type: none"> • Social benefits will arise from the creation of Water and Environmental Management Committees which will support women's voice and leadership. In addition, skills and knowledge for conflict management along with the establishment of commercial tree nurseries will enhance social cohesion within the community.
	17. Is the project / programme cost effective?	Unclear: There is no evidence of the cost effectiveness of the proposed activities in comparison with		

		<p>comparable alternatives.</p> <p>CR3: Considering CR 1, please provide a logical explanation of the selected scope and approach including an illustration of how the proposed activities are cost-effective in comparison with alternatives.</p>	<p>CR3: Not addressed. please provide a logical explanation of why the selected scope and approach has been selected resulting in the proposed project being cost-effective.</p>	<p>CR3, AfDB, 16/04/2018: Thank you for your comment. The interventions retained to foster climate change adaptation will improve efficiency, increase water availability and reduce losses from extreme weather events (floods). Catchment management has been recognized to offer a viable and cost effective alternative to conventional capital-intensive water resources management solutions / hard infrastructure. Activities to enhance integrated catchment management, restoration of wetlands and riverbanks yield significant benefits, based on estimates of economic value of ecosystem services provided by the catchments; and justify the cost of investments in climate change adaptation. Additional reasons justifying the cost-effectiveness of the chosen interventions have been added.</p> <p>Furthermore, a more</p>
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				detailed assessment of the project's cost-effectiveness will be undertaken as part of the development of the full project proposal.
	18. Is the project / programme consistent with national or sub-national sustainable development strategies, national or sub-national development plans, poverty reduction strategies, national communications and adaptation programs of action and other relevant instruments?	<p>Yes. The proposal is in line with priorities identified under the NAPA, such as water resources management; as well as the National Development Plan (NDP) covering the period 2015-2016-2019/20. Water resources development is also enshrined as key undertaking within the National Vision 2040. However, whilst the overview of the project area mentioned Uganda's NAPA, it is not included under the section Part II, Section D.</p> <p>CR4: Please clarify why Uganda's NAPA is not included in the identification of relevant national or sub-national sustainable development strategies, national or sub-national development plans.</p>	CR4: Addressed.	
	19. Does the project / programme meet the	Unclear. The project refers to issues of sanitation and	The provided information is more consistent with an	

	<p>relevant national technical standards, where applicable, in compliance with the Environmental and Social Policy of the Fund??</p>	<p>health and water supply for communities. It is not clear whether any standards on water quality, water management and best practice for integrated catchment management or integrated water resource management will apply, particularly as some of the proposed activities include river bank restoration and wetland rehabilitation.</p> <p>CR5: Please clarify if any water related national or international standards will apply and be implemented, including any best practice for integrated water catchment or water resource management.</p>	<p>expansion of Part II, Section D and does not make any reference to standards, regulations such as building codes, permits for water abstraction, land use etc.</p> <p>CR5: Partially addressed. The additions list a number of regulations and policies, some of which may hold technical standards that are applicable. It is not shown what these are, how they are relevant to the project and how the project will meet these. Please identify relevant regulations such as building codes, licenses, construction permits, and authorizations etc, that the proposed project may need to comply with in order to meet the relevant national technical standards, where applicable, in compliance with the Environmental and Social Policy of the Fund.</p>	
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	20. Is there duplication of project / programme with other funding sources?	<p>Unclear. The proposed project is linked to a GEF funded project, the STWSSP.</p> <p>CR6: Please clarify how the proposed project is distinct from the STWSSP and clearly describe the logic of how it will complement the STWSSP.</p> <p>CR7: Please provide some examples of GEF/LDCF/GCF-funded adaptation approaches in Uganda and whether and how the project proponents of the proposed intervention have coordinated with them.</p>	<p>CR6: Addressed.</p> <p>CR7: Addressed.</p>	
	21. Does the project / programme have a learning and knowledge management component to capture and feedback lessons?	Yes		
	22. Has a consultative process taken place, and has it involved all key stakeholders, and vulnerable groups, including	Unclear. Consultations have taken place, but it is unclear whether the communities and ultimate beneficiaries were sufficiently involved and it		

	<p>gender considerations in compliance with the Environmental and Social Policy and Gender Policy of the Fund?</p>	<p>is unclear whether the consultations included gender considerations in line with the ESP and GP of the Fund.</p> <p>CR8: Please describe how gender equality was taken into consideration during stakeholder consultation and in what way, if at all, the consultations included the most vulnerable groups and were gender responsive.</p>	<p>CR8: Addressed for the concept stage. Field visits were held and meetings done with local authorities, water management committees, household heads and district gender officers. However, at the full proposal stage, the proposal should provide more detailed description and explanations on <i>how</i> gender equality was taken into consideration during stakeholder consultation, including detailed information on the consultation of marginalized and vulnerable groups in line with the ESP. Whilst the application of internal and external gender mainstreaming tools is acknowledged, at the full proposal development stage, please also consider the Fund's gender policy and gender guidance document, both available on the Fund website:</p>	
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			https://www.adaptation-fund.org/documents-publications/operational-policies-guidelines/ .	
	23. Is the requested financing justified on the basis of full cost of adaptation reasoning?	<p>No. The way the proposal is written currently does not adequately justify how AF funding alone will cover the full costs associated with the identified adaptation activities. It should be noted that the full cost of adaptation reasoning should be explained in the context of the Adaptation Fund not requiring co-financing for the projects/programmes it funds. However, it is possible to implement Adaptation Fund projects in parallel with projects funded from other sources, although in such a situation, the Adaptation Fund project should clearly be able to deliver its outcomes and outputs regardless of the success of the other project(s).</p> <p>CR9: Please consider rearticulating how the requested financing is justified on the basis of full</p>	CR9: Addressed.	

		cost of adaptation reasoning and describe how the proposed project activities are relevant in addressing the stated adaptation objectives and how, taken separately outside of the STWSSP, and without additional funding from other donors, the proposed activities will help achieve these objectives.		
	24. Is the project / program aligned with AF's results framework?	Yes		
	25. Has the sustainability of the project/programme outcomes been taken into account when designing the project?	<p>Unclear. This section appears to describe sustainability in the context of a broader programme encompassing the STWSSP e.g. the proposal mentions monthly water sales, constructing of water supply facilities and handing over infrastructure to local governments. However, these activities are not mentioned under the project components.</p> <p>The proposal outlines that there is high political will and demand for water</p>		

		<p>supply services in small towns in Uganda, and this project responds to this demand by supporting interventions geared at protecting selected water sources and their catchments and strengthening community adaptation measures. Catchment protection activities will continue to be financed from revenues from monthly water sales. However, the mechanism through which this will be achieved is unclear.</p> <p>The proposal then refers to WSDF offices and how the establishment of these offices will ensure continuity through the provision of technical assistance, training, and capacity building activities directly to these offices. Please clarify what WSDF offices are and how this is directly related to project activities. Additionally, the provision of capacity building activities to “contractors and consultants” is another means by which</p>		
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		<p>sustainability will be ensured. This seems unlikely and difficult to support.</p> <p>CR10: Please describe how the activities funded under this project have been designed with sustainability taken into account, and in particular, how proposed activities, capacity built and knowledge generated specific to the current project will be sustained after project closure. This includes the restored river banks, rehabilitated wet lands, degraded lands, and the established Water & Sanitation Management Committees.</p>	CR10: Addressed.	
	26. Does the project / programme provide an overview of environmental and social impacts / risks identified, in compliance with the Environmental and Social Policy and Gender Policy of the Fund?	No. Whilst the proposal has presented a risk matrix that presents an overview of the social and environmental risks and impacts, the relevant section (II. K) appears to provide information on a separate project (STWSSP). It should be noted that compliance with the implementing entity's		

		<p>safeguard arrangements is not required and that environmental and social risks as well as gender considerations must be identified and assessed for proposed activities in line with the Adaptation Fund Environmental and Social Policy (ESP) and Gender Policy (GP).</p> <p>The table of section II.K. should identify environmental and social risks following the 15 principles of the ESP. The table should merely indicate whether risks are present. When risks are identified, this should be marked in the right-hand column of the table whereas the middle column should mark an instance in which no further assessment would be required due to no risk. In both instances, evidence-based justification in the form of a short description for the findings of no risk, or present risk should be included. Mitigation or management measures</p>		
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		<p>should not be taken into account or included during this stage of risks identification.</p> <p>The information provided in the proposal on the project activities is currently insufficient to allow adequate risks identification and commensurate impacts assessment. As there are no obstacles that pre-empt the full identification of project activities by the time the full proposal will be submitted, these should then have been identified accordingly, and ESP risks identified. A project-specific environmental and social management plan (ESMP) may be required.</p> <p>Specific guidance is available in the Guidance document for Implementing Entities on compliance with the Adaptation Fund ESP and the Guidance document for Implementing Entities on compliance with the Adaptation Fund Gender</p>		
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		<p>Policy.</p> <p>CR11: Please consider CR1 and screen the proposed project for environmental and social risks as well as gender considerations in line with the Adaptation Fund ESP and GP.</p>	<p>CR11: Corrective action required. The proposal includes an initial screening and assessment of environmental and social risks. However, the table in Part II Section K includes a mix of statements of intent, management measures and some risks. The risks findings overall lack the required substantiation (e.g. natural habitats, human rights). In addition, please only include text in the relevant box. The current indication that a principle applies is indicated in one column and the explanation in another column. Please include the assessment and explanation in the same box and in the left-hand column for principles that do not apply and/or would not require further assessment, and in the same box in the right-hand column for principles that apply or have been screened and identified as requiring further assessment.</p> <p>The ESP also requires that</p>	
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			the category of the project be stated based on the initial risk assessment.	
Resource Availability	5. Is the requested project / programme funding within the cap of the country?	Yes		
	6. Is the Implementing Entity Management Fee at or below 8.5 per cent of the total project/programme budget before the fee?	Yes, the fee is 7.76%.		
	7. Are the Project/Programme Execution Costs at or below 9.5 per cent of the total project/programme budget (including the fee)?	Yes. The fee is 8.68%.		
Eligibility of IE	8. Is the project/programme submitted through an eligible Implementing Entity that has been accredited by the Board?	Yes. AfDB is an accredited multilateral implementing entity		
Implementation Arrangements	11. Is there adequate arrangement for project / programme management, in	n/a (Not required at Project Concept stage)		

	compliance with the Gender Policy of the Fund?			
	12. Are there measures for financial and project/programme risk management?	n/a (Not required at Project Concept stage)		
	13. Are there measures in place for the management of for environmental and social risks, in line with the Environmental and Social Policy and Gender Policy of the Fund?	n/a (Not required at Project Concept stage)		
	14. Is a budget on the Implementing Entity Management Fee use included?	n/a (Not required at Project Concept stage)		
	15. Is an explanation and a breakdown of the execution costs included?	n/a (Not required at Project Concept stage)		
	16. Is a detailed budget including budget notes included?	n/a (Not required at Project Concept stage)		
	17. Are arrangements for monitoring and evaluation clearly defined, including budgeted M&E plans and sex-disaggregated data, targets and	n/a (Not required at Project Concept stage)		

	indicators, in compliance with the Gender Policy of the Fund?			
	18. Does the M&E Framework include a break-down of how implementing entity IE fees will be utilized in the supervision of the M&E function?	n/a (Not required at Project Concept stage)		
	19. Does the project/programme's results framework align with the AF's results framework? Does it include at least one core outcome indicator from the Fund's results framework?	n/a (Not required at Project Concept stage)		
	20. Is a disbursement schedule with time-bound milestones included?	n/a (Not required at Project Concept stage)		

Technical Summary	<p>The proposed project plans to increase the resilience of water sources and supply in Kyenjojo-Katoke, Bundibugyo and Kapchorwa to the negative impacts of climate change through protecting catchments and sub-catchments of the Aswa, Atari and Tokwe rivers in Uganda. The project aims to: a) Strengthen community structures in environmental and water resources management in alignment with community adaptation to climate change; b) Increase the resilience of communities by supporting adaption actions for sustained ecosystems and livelihoods; and c) Build the capacity of selected stakeholders at different levels in catchment management.</p> <p>The project will support the integration of critical adaption measures into the baseline project, which will ensure continued water supply, even during drought periods, while also protecting natural systems and assets from food</p>
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and other related risks, through the implementation of three components:

- 1) Establish climate resilient catchment management framework for catchments of Rivers Atari, Aswa and Tokwe;
- 2) Supporting adaptation actions for increased community resilience and sustained livelihoods
- 3) Building capacity of catchment management structures.

Initial implementation arrangements have been described under Part III, Section A (Describe the arrangements for project / programme implementation), Section B (Describe the measures for financial and project / programme risk management), Section C (Describe the measures for environmental and social risk management, in line with the Environmental and Social Policy of the Adaptation Fund) and Section D (the monitoring and evaluation arrangements and provide a budgeted M&E plan).

The initial technical review found that the project did not clearly explain how the proposed concrete activities could build resilience independent from an existing larger programme funded through other sources, and as a result, did not adequately justify the requested funding based on the full cost of adaptation reasoning, did not adequately explain the expected socio-economic benefits from proposed activities, did not provide a logical explanation of how proposed activities were cost-effective, and did not provide a clear explanation of project sustainability and duplication. In addition, the project did not adequately address the issue of gender in stakeholder consultation and did not provide sufficient information to allow for adequate risks identification and commensurate impacts assessment in line with the Fund's environmental and social policy and gender policy.

The final review finds that the revised project document did not sufficiently address a number of the clarification requests made and still needs to clearly distinguish between the social and economic benefits of the project, and provide an adequate cost-effectiveness analysis for the concept stage. The proponent also needs to take corrective action to properly complete Part II of the project document, Sections A and K. The following observations are made, to be addressed by the proponent:

- a) Please provide more clarity on the distinction between the stated social benefits and economic benefits. In so doing, please clarify the business case for the proposed commercial tree nursery and provide further clarification on the proposed community training to start businesses.
- b) Please provide an aggregated description of the identified 10,000 vulnerable beneficiaries by gender and include an identification of any marginalised groups.
- c) Please provide an explanation of why the selected scope and approach has been selected resulting in the

	<p>proposed project being cost-effective.</p> <ul style="list-style-type: none"> d) Please identify relevant building codes, licenses, construction permits, and authorizations etc, that the proposed project may need to comply with, as applicable, in order to meet the relevant national technical standards, and include a description of how the project will meet these in compliance with the Fund's environmental and social policy. e) Please move the description of projects components stated under the heading "Proposed Activities: on page 9 to the relevant section of the template, that is., Part II, Section A. f) Please complete the table to identify potential environmental and social impacts and risks correctly and include a classification of the project category based on the initial risk assessment and in line with the Fund's ESP.
Date:	16 April 2018



ADAPTATION FUND

REQUEST FOR PROJECT/PROGRAMME FUNDING FROM THE ADAPTATION FUND

The annexed form should be completed and transmitted to the Adaptation Fund Board Secretariat by email or fax.

Please type in the responses using the template provided. The instructions attached to the form provide guidance to filling out the template.

Please note that a project/programme must be fully prepared (i.e., fully appraised for feasibility) when the request is submitted. The final project/programme document resulting from the appraisal process should be attached to this request for funding.

Complete documentation should be sent to:

The Adaptation Fund Board Secretariat
1818 H Street NW
MSN P4-400
Washington, D.C., 20433
U.S.A
Fax: +1 (202) 522-3240/5
Email: afbsec@adaptation-fund.org



ADAPTATION FUND

PROJECT/PROGRAMME PROPOSAL TO THE ADAPTATION FUND

PART I: PROJECT/PROGRAMME INFORMATION

Project/Programme Category: **Regular Project**
Country/ies: **Uganda**
Title of Project/Programme: **Strengthening Climate Change Adaptation of Small Towns and Peri-Urban Communities**
Type of Implementing Entity: **Multilateral Implementing Entity (MIE)**
Implementing Entity: **African Development Bank Group**
Executing Entity/ies: **Ministry of Water and Environment**
Amount of Financing Requested: **2,249,000 (in U.S Dollars Equivalent)**

Project / Programme Background and Context:

Provide brief information on the problem the proposed project/programme is aiming to solve. Outline the economic social, development and environmental context in which the project would operate.

Geographical and Socioeconomic Context

Uganda is a landlocked country occupying 241,550.7 km² of land, of which 43,941km² is covered by open water and swamps; its largest water bodies are Lakes Victoria, Kyoga, and Albert. Lake Victoria, the second largest freshwater lake in the world, accounts for about 80 percent of Uganda's water resource. Rainfall is the most important source of water resources in Uganda with mean annual rainfall estimated at 1,180 mm, however precipitation levels varies widely due to the country's topography. Precipitation varies from 750 mm/yr in the Karamoja pastoral dry areas in the northeast to 1,500 mm/yr in the high rainfall areas on the shores of Lake Victoria, around the highlands of Mount Elgon in the east, the Ruwenzori Mountains in the southwest, Masindi in the west and Gulu in the north.

The seasonal and spatial variability of precipitation remains a challenge in the humid and semi-arid regions of the country. Livelihoods of communities are inextricably linked to water resources; over 60 percent of the population is engaged in rain-fed subsistence agriculture dominated by crops and livestock farming, fisheries and forestry. Water scarcity engenders migration into neighboring districts, which can potentially spark ethnic conflicts and lead to the disruption of agricultural production and potentially affecting the development of these communities. Vulnerable groups including women are disproportionately impacted by deficiencies in water supply. Water collection remains the primary role of women and girls, who walk long distances to fetch water. According to the Uganda Water and Sanitation Sub-sector Gender Strategy, about 55% of women and girls' time is spent travelling to collect water daily¹.

Climate change is a potential threat to the country's freshwater resources and the socio-economic activities depending on these resources. Based on projected population growth, the

¹Uganda Water and Sanitation Sub-sector Gender Strategy (WSGSIII), May 2017

total renewable water resources of the country per capita is expected to drop to 1072 m³/year by 2030, on the brink of a regime of water scarcity especially in arid and semi-arid regions². The population of Uganda has grown significantly over the past decade from 24.2 million in 2002 to about 45.2 million in 2016 and is projected to reach over 100 million by 2050.

Rapid population growth coupled with migration to urban centers, and increased economic activities will exert additional stress on already overstretched physical resources and facilities including water, land and waste management infrastructure and increase vulnerability to climate change effects.

Climate Vulnerability and Resilience

In recent times, Uganda has experienced heavy rainfalls that led to flash floods, which resulted in increased pollution of unsafe water sources and leading to the outbreak of waterborne diseases such as diarrhoea, typhoid and cholera in certain parts of the country. In addition, climate change will not only exacerbate water scarcity problems in semi-arid areas but also impair water quality. Prolonged droughts have also been recorded to affect groundwater levels leading to dry up of boreholes and reduced lake levels that caused serious challenges to water services provision in urban areas³. This causes severe water stress for communities particularly women and girls who are traditionally responsible for collecting water and managing the homes. Women and girls in Uganda bear the impact of inadequate, deficient or inappropriate water and sanitation services.

In addition to safe water access difficulties outlined in the paragraph above, a large proportion of small town communities do not have access to adequate sanitation facilities. The most common type of sanitary facility being used at household level is the ordinary pit latrine (77.8%) followed by Ventilated Improved Pit (VIP) latrines (20.8%)⁴. Hence, flood events could pose serious pollution problems to sources of drinking water, with the potential danger of outbreaks of water borne diseases. Water and sanitation related diseases are among the top ten killer diseases in Uganda.⁵ The poor are the most affected by these disease outbreaks.

In consideration of the water supply problems prevalent in the country, the Ministry of Water and Environment has prepared and is ready to implement the Strategic Towns Water Supply and Sanitation Project (STWSSP) with funding support from the African Development Bank. The identified towns to benefit from STWSSP include Kyenjojo-Katooke (Kyenjojo District), Nakasongola (Nakasongola District), Kayunga-Busana (Kayunga District), Kamuli (Kamuli District), Kapchorwa (Kapchorwa District), Dokolo (Dokolo District), Bundibugyo (Bundibugyo District) and Buikwe (Buikwe District). The STWSSP will utilise surface water sources (rivers and lakes) as shown in the table below:

² Lukas Ruettinger and Dennis Taenzler (2011) Water Crisis and Climate Change in Uganda, A Policy Brief. Initiative for Peace Building

³ Government of Uganda (2017) Strategic Water Supply and Sanitation: Funding proposal to the AfDB.

⁴ WSDP-C Regional Sanitation and Socio-economic baseline survey report 2013.

⁵ "Intestinal worms, diarrhoea and asthma topped the list of the most prevalent diseases in Kampala city between 2006 and 2009. Kampala City Council's health division says these diseases jointly contribute to more than 80 per cent of the disease burden in the city" (By Lirri of the Monitor Publications, 6 April 2010", Contemporary Issues And Challenges Related To Water, Health And Environment In Uganda

<i>Proposed Town WSS</i>	<i>Water Source</i>
Kyenjojo-Katoke	R. Aswa
Nakasongola	L. Kyoga
Kayunga-Busana	R. Nile
Kamuli	R. Nile
Kapchorwa	R. Atari
Dokolo	L. Kyoga
Bundibugyo	R. Tokwe
Buikwe	L. Victoria

As seen from the table above, 5 towns will abstract water from large water bodies (L. Victoria, L. Kyoga and R. Nile), while the remaining 3 will abstract from medium sized rivers namely Aswa, Atari and Tokwe. The Directorate of Water Resources Management (DWRM) of the MWE, through regional / decentralized Water Management Zones (WMZs), prioritizes catchment management interventions for major water basins/bodies in the country with less emphasis on small to medium sized water basins. As such, catchments for L. Victoria, L. Kyoga and R. Nile basins are being managed by the responsible area / regional WMZ. This proposal is aimed at implementing adaption actions for resilient and sustained catchments of rivers Aswa, Atari and Tokwe in order to ensure sustainability and reliability of water sources for Kyenjojo-Katoke, Bundibugyo & Kapchorwa piped water supply systems.

Overview of the project areas/catchments

River Atari is the water source for the proposed Kapchorwa water supply system and is one of the rivers that feed into Lake Kyoga. The Atari catchment is located in Kyoga basin in the eastern part of Uganda and originates from the ranges of Mt. Elgon. The most common uses of the river include provision of water for domestic purposes such as washing, cooking, bathing and watering animals. It is also used for economic activities such as brick making and irrigation of gardens in the immediate vicinity of the river.

The catchment population is rapidly growing and is projected to reach about 4 million people by 2035. The Atari catchment is characterized by rain-fed agriculture, livestock farming especially cattle-keeping, undulating mountain ranges besides lowland plains with wetlands, open shrubs with grassland and small herbaceous fields with sparse trees. As a result of the increasing population pressure and man's quest for improved livelihood, the catchment is being encroached upon for habitation, subsistence farming, livestock keeping and harvesting of eco-system goods such as fuel wood, timber, and reeds for art and crafts.

During the rainy seasons, the region receives heavy rainfall; this coupled with the hilly terrain has led to massive landslides and devastating floods in the low-laying areas of the catchment. The R. Atari bank catchments have been degraded culminating into river siltation and flooding. For the past years, as land use change around the River Atari catchment has progressed towards agriculture, there has been an increase in sediment levels in the river. The increase in sediment level has threatened the ecosystem biodiversity, stability and quality of water in R. Atari.

Tokwe River originates from Rwenzori mountain ranges in Bundibugyo district and is the main source of water for Bundibugyo town. The river is faced with challenges of siltation due to numerous landslides and erosion/collapsing river banks and flash floods. The melting of ice caps on Rwenzori Mountains has accelerated the erosive power of river Tokwe. Such erosive power and associated siltation downstream, compounded by the intensive cultivation along the river course, have enabled the river to factually block its original course at various points resulting into heavy and destructive floods.

The communities living by the river and its vicinity experience floods during both rainy and dry seasons. In rainy seasons, surface run-off and glacial melt from Rwenzori Mountains cause the river to overflow its banks with potential to sweep away bridges, crops and even settlements downstream. Usually the floods are so strong causing massive soil erosion and sand deposition on the banks. In dry seasons the flow in the river can be seen low during the mornings but often in the middle of some days the river swells and flows over the banks. Flooding of the river during dry seasons is attributed to the melting of glaciers from the Rwenzori Mountains (UNAPA, 2007). These floods have claimed lives and continue to affect livelihoods of the communities that depend on the river for domestic uses besides other income generating activities. The floods are also a threat to infrastructure such as the Fort Portal - Bundibugyo road, schools and human settlements in the Tokwe valley.

R. Aswa is located in Kyenjojo district in south western Uganda and drains in L. Albert. The related challenges for the sub catchment for this river include high rates of soil loss in some areas, loss of vegetation cover especially along the banks.

Problem Situation

The catchments for rivers Atari, Tokwe and Aswa are some of the areas in Uganda that have been most affected by the impacts of climate change and variability. Floods and landslides are consequences of natural climatic variations in these catchments aggravated by climate change. The three catchments are highly vulnerable to landslides in the mountainous / hilly sections of the rivers and floods in the low-laying areas. Land degradation and massive deforestation have also made the catchments predominantly vulnerable to flooding during rainy seasons. These drastic events of landslides and floods have over the years led to loss of human life, animals and crops, and destruction of homes and infrastructure such as roads and bridges. The three catchments are highly vulnerable to the impacts of climate change and variability mainly because of the factors described below:

Ecosystem degradation: Riverbanks, wetlands, forests and mountain ecosystems such as Elgon and Rwenzori in the catchments are degraded due to increasing human pressures such as encroachment and deforestation. The vegetation of ecosystems on riverbanks is very important to stabilize the shoreline and prevent flooding. Wetlands play a crucial role throughout the country in capturing sediments, maintaining water quality, and environmental flows to meet the minimum requirements of ecosystems. Wetlands and lake systems are also degraded due to encroachment for crop and livestock farming. Forests on the other hand are vital for maintenance of the hydrological cycle as well as stabilization of soils across different landscapes. Deforestation due to the high wood and non-wood demands of the increasing human population in the catchments is a major threat. Such pressures on wetlands and forests reduce the capacity of such ecosystems to maintain their ecological

integrity and provide ecosystem services. This renders the entire catchments more vulnerable to the impacts of climate change. The mountain ecosystems of Elgon and Rwenzori (sources for rivers Atari and Tokwe respectively) are also being highly encroached on by humans.

Degradation of farming land: The populations of the catchments are heavily dependent upon natural resources for their livelihoods with subsistence agriculture being the primary source of food and income. Almost all socio-economic activities rely upon the natural resources. The local communities are largely subsistence farmers. Their livelihoods depend on agriculture without alternative livelihood strategies to generate income from other sources and minimize their vulnerability. Due to the growing human population, poor farming practices, such as uncontrolled use of land for farming, grazing and deforestation, the natural resources are increasingly degraded. The degradation of the natural resources renders agricultural landscapes in the catchments more vulnerable to risks of climate change such as floods and landslides.

Inadequate knowledge and skillson climate change and adaptation: Knowledge about water resources and impacts of climate change on these resources, particularly at the local level is not sufficient to support water resources planning and management and mandated institutions cannot effectively enforce compliance with existing laws and regulations.

The proposed project will execute interventions aimed at improving the resilience of communities, agricultural landscapes and ecosystems in the three catchments to the impacts of climate change by reducing the risk of floods, landslides and collapsing river banks. The capacities to adapt and manage these challenges are weak particularly at the community level, where the urban poor have limited resources to cope with the vagaries of climate change. At the same time, institutional capacity, disaster-management capacities and financial resources at the national and local levels, are also limited. The country has developed a National Adaptation Programme of Action (NAPA) based on lessons learnt to guide climate change adaptation activities. Top priority interventions in the NAPA were identified as forestry and water resource management, promoting and strengthening the conservation and protection of watersheds, water catchment areas, riverbanks and water bodies, including contingency planning for extreme events such as floods and drought.

Other specific areas where climate resilience is necessary include: (a) restoration of water catchment ecosystems to ensure continued sustainable water flow at all times. The degradation of natural resources, exacerbated by livelihood strategies adopted out of poverty, often leads to adverse effects on water availability, access and quality; (b) Some districts are prone to drought and/or floods which, combined with the lack of adequate supply of safe water and sanitation, may result in water borne disease outbreaks such as cholera; (c) Some peri-urban areas lack adequate resources to provide climate-resilient water sources for human consumption and agricultural production, which limits traditional sources of water during extreme climate events. Integrated resource management planning to cope with climate change is therefore key to sustainable development.

It has become imperative that water sector interventions are designed to reduce vulnerability to avoid or cushion the impacts from climate change and enable people to respond to climate hazards, thereby enhancing economic, social and climate resilience.

Project / Programme Objectives:

List the main objectives of the project/programme.

The project's overall objective is increase the resilience of water sources to climate change effects by protecting the catchments for the water supply systems of Kyenjojo-Katoke, Bundibugyo and Kapchorwa. This will ensure sustainable water supply to the beneficiary towns/communities. Specifically, the project will:

- a) Strengthen community structures in environmental and water resources management in alignment with community adaptation to climate change.
- b) Increase the resilience of communities by supporting adaption actions for sustained ecosystems and livelihoods.
- c) Build the capacity of selected stakeholders at different levels in catchment management.

Project / Programme Components and Financing:

Fill in the table presenting the relationships among project components, activities, expected concrete outputs, and the corresponding budgets. If necessary, please refer to the attached instructions for a detailed description of each term.

For the case of a programme, individual components are likely to refer to specific sub-sets of stakeholders, regions and/or sectors that can be addressed through a set of well defined interventions / projects.

Project/Programme Components	Expected Concrete Outputs	Expected Outcomes	Amount (US\$)
Component 1: Establish climate resilient catchment management framework for catchments of Rivers Atari, Aswa and Tokwe	Environmental and Social Management Framework (ESMF) focusing on robust climate change adaptation actions / measures developed for the project Catchment management plans developed for R. Atari, R. Tokwe and R. Aswa Water & Environmental Management (WEM) committees established and supported in line with protection of catchments and sub catchments	Enhanced environmental integrity and social plight of beneficiary communities	500,000
Component 2: Supporting adaptation actions for increased community resilience and sustained livelihoods	Community equipped with appropriate land use techniques to control erosion and siltation of rivers Degraded sub catchments are restored through tree planting in	Improved ecosystems in the three catchments. Ensure long term provision of adequate and unpolluted water from the three rivers	1,105,932

Project/Programme Components	Expected Concrete Outputs	Expected Outcomes	Amount (US\$)
	<p>selected buffer zones</p> <p>Community supported to establish and sustain commercial tree nurseries</p> <p>Degraded river banks restored and buffer zones protected</p> <p>Community supported to rehabilitate degraded wetlands existent in sub catchments</p>	Community livelihood enhanced through climate change resilient interventions	
Component 3: Building capacity of catchment management structures	<p>Training catchment management stakeholders (WSCs, district and local government extension workers, relevant NGOs/CBOs) in climate change adaptation activities</p> <p>Selected women and youth groups trained in establishment and management of tree nurseries</p> <p>Appropriate Information, Educational & Communication materials produced and disseminated in communities</p> <p>Best practices and lessons learnt documented and disseminated</p>	<p>Improved awareness on climate resilience and suitable adaptation measures/practices</p> <p>Strengthened capacity of communities/stakeholders to climate change adaptation</p>	300,000
6. Project/Programme Execution cost			181,064
7. Total Project/Programme Cost			2,086,996
8. Project/Programme Cycle Management Fee charged by the Implementing Entity (if applicable)			162,004
Amount of Financing Requested			2,249,000

Projected Calendar:

Indicate the dates of the following milestones for the proposed project/programme

Milestones	Expected Dates
Start of Project/Programme Implementation	Jan 1, 2019
Mid-term Review (if planned)	July - August 2020
Project/Programme Closing	Dec 31 st 2021
Terminal Evaluation	April 2022

PART II: PROJECT / PROGRAMME JUSTIFICATION

- A. Describe the project / programme components, particularly focusing on the concrete adaptation activities of the project, and how these activities contribute to climate resilience. For the case of a programme, show how the combination of individual projects will contribute to the overall increase in resilience.**

Inadequate access to water has profound effects on socio-economic and overall wellbeing of the populace in urban and peri-urban settlements of Uganda. In many small towns and peri-urban settlements specifically water stressed areas, people inhabit highly polluted, over-crowded and unhygienic environments where they are subject to outbreaks of waterborne diseases. Due to the exponential population growth in such towns and rural growth centres, the water and sanitation challenges have become acute and severe. Climate change effects (droughts and floods) will impact water quantity and quality in these towns.

The proposed project is expected to complement the African Development Bank funded Strategic Water Supply and Sanitation project, which is being prepared to support the Government of Uganda's efforts to increase access to water and sanitation services in towns have strategic socio-economic importance to the district headquarters. These are areas of high population growth and industrial development.

Specifically, the proposed adaptation project seeks to integrate critical adaption measures in the baseline project, which will ensure continued water supply to the communities at all times, during the drought period, while conserving/protecting water resources from the floods and related risks.

The proposed adaptation project will ensure all-year round access to water that would eliminate the water shortages, improve socio-economic and overall health conditions for the beneficiary population.

STWSSP Target Towns:

(i) **Kyenjojo - Katooke TWSS:** The water supply area of the proposed water supply and sanitation scheme covers the Town councils of Katooke, Kyenjojo and Butunduzi in Kyenjojo District. The current population in the water supply area is 22,792 people. The proposed water supply area includes the entire Town councils of Katooke, Kyenjojo and Butunduzi, in addition, the water supply and sanitation scheme will serve other trading centres along the pipeline route that include Nyakiisi, Munjeru, Mwikoona, Nyamwandara, Kaiganga, Rwamukora (Along the Katooke-Kyenjojo route) and Kyanayiti, Kihuura and Matiri (Along the Kyenjojo-Butunduzi pipeline route). The proposed water supply system is designed to serve approximately 59,281 people in 2037. The system is based on abstraction of water from **R. Aswa** via a water treatment plant with a water production capacity 2,360 m³/d. The total length of the transmission main is 79km and a total of 113km of distribution pipelines. The total water storage is 750m³.

(ii) **BundibugyoTWSS:** Bundibugyo Town Council is located in Bundibugyo District approximately 356km west of Kampala City. It is approximately 35km west of Fort Portal town. The town had a population of approximately 30,000 people in 2015. The town has a piped water supply system that is not sufficient. The proposed water supply area includes the entire Bundibugyo Town Council and the surrounding villages. The proposed water supply system is designed to serve approximately 79,010 people in 2040. The system is based on gravity flow of water from **River Tokwe** with a production of approx. 2,500m³/d. The total length of the proposed transmission main is 10km and a total of 100km of distribution pipelines. The total proposed water storage is 450m³.

(iii) **KapchorwaTWSS:** Kapchorwa Municipality is located on the slopes of Mt Elgon in Kapchorwa District in Eastern Uganda approximately 310km northeast of Kampala City and 65km northeast of Mbale Municipality. The Municipality has a current approximate population of 52,397 people. Binyiny Town Council borders Kapchorwa District to the West and hosts the Kween District headquarters. The proposed water supply area includes the entire Kapchorwa Municipality and the trading centres of Kaserem, Chema and Tegeres in Kapchorwa District and Binyiny Town Council in Kween District. The proposed water supply system is designed to serve approximately 98,000 people in 2035. The improved system is based on an abstraction of water from **Atari River** via an expanded water intake and treatment plant of capacity 6,000m³/d. The total length of the transmission main is 10km and a total of 90km of distribution pipelines. The total designed water storage is 1,120m³.

Proposed activities:

Component 1: Establish climate resilient catchment management framework for three catchments of Rivers Atari, Aswa and Tokwe

Building resilience of piped water supplies is critical to address pressures related to urbanization, resource use and population growth requires action such as catchment protection and rehabilitation to climate-proof water supply infrastructure against extreme weather events.

The forested mountainous areas of Elgon and Rwenzori are an asset to the country as they protect water catchments ensuring supplies of domestic water; maintaining downstream fisheries and hydro-electric power generation and also ameliorate local climatic conditions providing suitable conditions for agriculture. Floods wash away the top soils in these mountainous areas, thereby causing soil erosion and soil degradation, while during the dry seasons, the areas are not easily served by household water supplies. Communities therefore trek long hilly distances and terrains to get water in the slippery valleys.

Under this component, the following activities shall be implemented:

- i) Development of Environmental and Social Management Framework (ESMF) to guide implementation of concrete climate change adaptation actions in the catchments of three rivers (River. Atari, River. Tokwe and River. Aswa)- It is the role of Project Implementation Unit (PIU) to safeguard the environment and social plight of affected communities during project implementation. The objective of the ESMF will be to provide guidance to Project Implementation Staff, communities, and others stakeholders participating in the Climate Change Adaptation project in line with sustainable environmental and social management. The ESMF will also be helpful in identification of possible negative impacts of the project and proposing appropriate mitigation measures, and in monitoring implementation of the proposed mitigation measures.
- ii) Development of catchment-specific management plans for the three rivers (Atari, Tokwe and Aswa) - A Consultant will be required to ease the process of developing climate-proofed catchment management plans for the three catchments. As part of the process the Consultant shall undertake Catchment Situation Assessments (CSAs) to delineate / define the catchments and ascertain baseline conditions.
- iii) Establishment and support of Water & Environmental Management (WEM) Committees to undertake distinct catchment protection activities within the project areas. In this project, each of the three major catchments will be sub-divided into micro-catchments covering the different zones (highlands, midlands and lowlands). A WEM committee will be established for each of the micro-catchments and such committees would be helpful in identifying key water resources and climate change issues to be addressed in the catchment management planning process as well as identifying specific locations where priority interventions ought to be implemented. The WEM committees will continue beyond the project period and be sustained by government using innovative funding sources such as water abstraction permit fees and funds for water source/catchment protection that would be paid by investments that are based on each of the rivers.
- iv) Environmental and Social Audit of the climate adaptation project in consideration of the project's ESMF and developed / implemented catchment plans. With assistance of a Consultant Mid-term and End of project Environmental and Social Audit will be conducted for the project in line with the provisions of the AfDB's

Environmental and Social Safeguards Policy and National Environment (Audit) Regulations, 2006.

Component 2: Supporting adaptation actions for increased community resilience and sustained livelihoods

As a measure to ensure long term sustainability of the quantity and quality of water provided by the rivers, there will be need to protect both the rivers and their catchments. Once rivers are polluted it can be very costly to treat the water and make it potable for drinking and other domestic purposes; and besides, degradation of drinking water catchments can lead to a reduction in quantity of water available for abstraction and supply to beneficiary communities. Activities under this component will include:

- i) Community equipped with appropriate land use techniques to control erosion and siltation of rivers. The detailed activities will include:
 - Identification and mapping of degraded agricultural landscapes that call for corrective action
 - Community training on modern methods/best practices of farming to counteract the effects/impacts of climate change on land
 - Provide demonstrational rainwater harvesting systems for household and institutional levels
 - Construction of suitable flood management structures e.g. embankments, ponds, valley dams and storm water diversion channels.
- ii) Restoration of degraded sub catchments through tree planting in selected buffer zones. Suitable tree species in terms of community acceptability or importance, soil stabilisation and control of run off/erosion will be planted to trim down the rain drop effect thereby lowering the frequency and magnitude of flood episode and or landslides. Specific activities will include:
 - Identification and demarcation of suitable areas to act as buffer zones
 - Planting of appropriate tree species in the different marked mapped zones
- iii) Communities will be supported to establish and sustain commercial tree nurseries
 - Set up groups within micro-catchments/zones to establish tree nurseries
 - Offer hands-on training on setting up nursery beds, caring after them and marketing of the resulting tree seedlings including basic book keeping skills
 - Established demonstrational nursery beds in the micro-catchments/zones
- iv) Degraded river banks will be restored and buffer zones protected

Due to poor management practices, banks of rivers originating from mountainous/hilly areas are facing a higher risk of erosion and siltation. The proposed project will support the protection and restoration of degraded river banks and buffer zones in the catchments through:

- Development of river-specific banks restoration plans.

- Demarcation of degraded river banks in the 3 catchments. The project will aim at restoring degraded buffer zones and riverbanks in accordance with developed action plans.
 - Training communities on protection of river banks.
 - Equip beneficiary communities with appropriate tools to implement river-specific bank restoration plans
- v) Communities will be supported to rehabilitate degraded wetlands located in delineated catchments and sub catchments of the three rivers. The project will aim at rehabilitating degraded wetlands existent in the delineated catchments and sub-catchments so as to enhance their water retention capacity, ultimately helping in controlling of floods.
- Definition of wetland boundaries in a participatory manner to avoid community conflicts
 - The community members of which 50% are women will be trained in wetland rehabilitation/restoration techniques
 - The wetlands in the targeted catchments and sub-catchments will be marked and communities equipped to undertake wetland- specific restoration plans.
 - Development of site-specific plans for wetland restoration within the defined catchments
 - Equip beneficiary communities with appropriate tools to implement wetland-specific restoration plans

Component 3: Building capacity of catchment management structures; Knowledge management and dissemination

This component will support climate change education for a range of stakeholders from the local to national level to ensure better understanding of climate change impacts, their causes, and means of responses available. It will facilitate the mainstreaming of climate resilience in urban water and sanitation sector planning. Specific activities will include:

- Conduct a capacity needs assessment to determine capacity gaps among the different stakeholders in order to inform the training content
- A detailed training programme will be developed to guide the trainings
- Training catchment management stakeholders (WEMs, district and local government extension workers, relevant NGOs/CBOs) in climate change adaptation activities such as damming of streams to collect and store seasonal overflows, rainwater harvesting to supplement water supply
- Develop and disseminate Information Education and Communication (IEC) Materials for advocacy and visibility among various stakeholders
- Documentation and dissemination of best practices and lessons learnt from the implemented climate adaptation activities including development of a communication strategy.

B. Describe how the project / programme provides economic, social and environmental benefits, with particular reference to the most vulnerable communities, and vulnerable groups within communities, including gender considerations. Describe how the project / programme will avoid or mitigate negative impacts, in compliance with the Environmental and Social Policy of the Adaptation Fund.

The proposed project will enhance the resilience of communities and ecosystems to the impacts of climate change by ensuring safe and reliable freshwater supply to a vast majority of the vulnerable population (women and children) in selected strategic small towns of Uganda.

Economic benefits

Climate variability and change is expected to have an impact on Uganda's performance in the agricultural sector, the mainstay of the economy. Some of the effects include high food prices, lower domestic revenues and an increase in the current budget deficit due to low export earnings. The UN's Food and Agricultural Organization found that the drop in the growth of the Ugandan economy from 6.6% in 2004-2005 to 5.3% in 2005-2006 was largely due to the variability of the weather, specifically its impact on agriculture.

Improved access to clean water will alleviate adverse health effects and allow for the reallocation of time dedicated to fetching water towards engaging in other productive activities. The interventions proposed will therefore improve household/family incomes as they have more space and time to diversify their revenue streams by building new businesses and expanding gardens and agricultural crops.

In addition, sustained water access in towns will trigger economic growth through stimulation of commercial activities such as hotels, and support to end-user social services like health centres, educational institutions, and agro-based industries all of which are essential ingredients for development. These directly benefit women and youth who will benefit from increased opportunities for employment and trade.

Further, the project will aim to directly improve adaptation capacity of approximately 10,000 people from approximately 1,500 households (3,500 people, 500 households targeted in each of the three catchments). This will be achieved through trainings and implementation of proposed concrete climate change adaptation measures. Generally, half of the target beneficiary population (5,000) will be women and youth. Of the 5,000, different categories of vulnerable and or marginalized beneficiaries (people with disabilities, female headed and child headed households) will be targeted. The proposed environmental protection and conservation activities will also help to improve the natural-resource base of the communities living in the three catchments.

The proposed climate change adaptation project will focus on employment creation for women and youth; these beneficiary groups will be engaged in activities that support the project such as production of tree seedlings from established tree nurseries. The groups will be given hands-on training on setting up nurseries and marketing the resulting tree seedlings. Demonstration nursery beds will be established by the project for the rest of the community to learn, share and replicate. As part of project activities, appropriate tree species (an assessment will be carried

out to establish market trends/pricing, marketable and environment friendly species), will be planted in selected buffer zones, degraded wetlands and along river banks in restoration of the degraded catchments.

Private tree farmers (both small and large scale tree planters) in the project areas will be identified and encouraged to source seedlings from the project tree nurseries. Sales from tree seedlings will provide the required financial resources to sustain the tree nurseries. Part of the revenues/income gained (in profits) is expected to be reinvested in the business to offer sustainable services.

Social benefits

A community based participatory approach to planning and implementation will be developed and this will lead to developing socially accepted project interventions by the beneficiary/catchment communities. The proposed project will yield social benefits to the community. These include:

- a) Formation of Water and Environmental Management Committees in which women will be encouraged to participate. There will be affirmative action taken in supporting women to take up leadership positions and as such, one third of the membership will be women in accordance with the Gender Policy of the MWE.
- b) Conflict management; this aspect will be integrated in all project implementation activities at different levels. Appropriate skills and knowledge on community conflict management and leadership will be imparted to various stakeholders.
- c) Active participation by all stakeholders in all project activities will be encouraged and this will be achieved through conducting meetings, trainings, at an agreed time and venue to encourage participation by all concerned. This will again contribute to managing conflicts between communities related to access to and use of natural resources.
- d) Enhanced social cohesion; establishment of commercial tree nurseries will contribute to social cohesion and stabilization of beneficiary communities since rural-urban migration in search of income generating opportunities, especially by the youth, is expected to tone down.

Environmental Benefits

The project areas are faced with rampant ecosystem and environmental degradation, soil loss, siltation of rivers, erosion of riverbanks and reduction in biodiversity, which contribute to low resilience to climate change. The proposed project is expected to have positive environmental impacts as it supports catchment and water protection practices, including catchment planning and soil conservation measures (e.g. reforestation). All these factors are essential to enhance the resilience of ecosystems and ensure long term and sustainable water availability and security.

The wetland ecological systems of Atari, Tokwe and Aswa catchments will be improved and protected through various interventions as will be outlined in the developed wetland-specific restoration plans. Degraded and deforested areas within the three catchments including affected buffer zones and degraded river banks shall be reforested/restored. Floods and landslides across landscapes will be controlled through community training on appropriate / modern

farming practices besides implementation of corrective bio-physical measures thereby strengthening resilience of agricultural landscapes.

Establishment of tree nurseries will improve the natural vegetation cover of the catchment areas thereby contributing to proper management of the flood hazards to communities in the catchments.

Generally, the project adaptation activities will support the sustainability of critical catchments and sub catchments for the three rivers (R. Atari, R. Aswa and R. Tokwe).

C. Describe or provide an analysis of the cost-effectiveness of the proposed project / programme.

Communities living along and in the vicinity of rivers have over the years suffered effects of adverse weather events such as flooding which have resulted into destruction of food crops leading to aggravated food insecurity and loss/damage of infrastructure such as roads, health facilities and schools. The key components of the proposed project include establishing climate resilient catchment management framework for catchments of Rivers Atari, Aswa and Tokwe (\$ 500,000), supporting adaptation actions for increased community resilience and sustained livelihoods (\$1,105,932) and building capacity of catchment management structures (\$ 300,000). The adaptation measures proposed under each component are aimed at improving efficiency, increasing water availability and reducing losses from extreme weather events such as floods.

The costs of adaptation activities in line with integrated water resources management have been computed and compared to potential benefits of managing losses from floods. The results indicate that with minimum investment the programme would already generate a 10% rate of return. The sensitivity analysis demonstrates that if the main outcomes are underachieved, the project will still be viable. Activities to enhance integrated catchment management, restoration of wetlands and river banks could yield benefits, based on estimates of economic value of ecosystem goods and services provided by the catchments (Uganda National Climate Change Implementation Strategy; MWE, 2012).

D. Describe how the project / programme is consistent with national or sub-national sustainable development strategies, including, where appropriate, national or sub-national development plans, poverty reduction strategies, national communications, or national adaptation programs of action, or other relevant instruments, where they exist.

The policy framework for the management and development of water resources in Uganda is based on the National Water Policy (1999). The National Water Policy promotes an integrated approach to the management of the water resources in ways that are sustainable and most beneficial to the country. In addition, the NWP recognizes the economic value of water, promotes the participation of all stakeholders, including women and the poor, in all stages of water supply and sanitation, and confirms the right of all Ugandans to safe water. Other policy documents which complement the policy include: National Environment Management Policy (1994); the Wetlands Policy (1995), the upcoming Land Use Policy; National Health Policy and Health Sector Strategic Plan (1999); National Environmental Health Policy (2005); the School Health Policy (2006); and the National Gender Policy (1997).

Water supply and sanitation is also recognized as key issue under the National Development Plan (NDP) covering the period 2010/11 to 2014/15, 2015-2016-2019/20. The NDP is the key government document for fighting poverty through rapid economic development and social transformation replacing the second Poverty Eradication Action Plan (PEAP) of 2004. Water resources development is also enshrined as key undertaking within the National Vision 2040, which seeks to transform the socio-economic livelihood of Ugandans.

The National Climate Change Policy (NCCP) is Uganda's integrated response to climate change that clearly defines a pathway for dealing with the challenges of climate change within the socio-economic context. The goal of Uganda's National Climate Change Policy is to ensure a harmonized and coordinated approach towards a climate resilient and sustainable low-carbon development path for Uganda. The overall policy objective is to ensure that all stakeholders address climate change impacts and their causes through appropriate measures, while promoting sustainable development.

Uganda's National Communication on climate change to UNFCCC also emphasizes access to information on additional measures and policies to adapt as well as information on gaps and constraints besides lack of financial resources and technical constraints, and the weak capacity of lower level decision-makers to manage natural resources due to inadequate information / knowledge.

Additionally, the proposed project is in line with the adaptation priorities identified under the National Adaptation Programme of Action (NAPA) for Uganda; the project will contribute towards implementing NAPA priority interventions in Uganda such as communal tree planting, management of land degradation through modern and climate-proofed farming methods, and sustainable provision of water for production and domestic use.

E. Describe how the project / programme meets relevant national technical standards, where applicable, such as standards for environmental assessment, building codes, etc., and complies with the Environmental and Social Policy of the Adaptation Fund.

Projects on Environmental and Water resources management fall under specific legislative and regulatory frameworks in the Ugandan context. Developers should thus ensure that these legislation and regulatory frames are consulted to ensure that the proposed environmental and water resources related project establishments, and activities therein, are in line with the national laws.

The proposed project shall comply with the Environmental Impact Assessment (EIA) Regulation (1998) and EIA Guidelines of Uganda. The EIA process for water / environmental resources related projects are structured into six steps, namely screening phase (planning/project conception), scoping stage (pre-feasibility study); EIA study phase (Feasibility study); Contract procurement (compensation); Defects liability period (environmental monitoring); and Operation and maintenance phase (compliance audit). It is mandatory that the EIA process for any applicable water / environmental resources related development project conforms to the provisions of the National Environment Act, Cap 153 and the accompanying Regulations.

Screening is undertaken during project identification and pre-feasibility studies. The purpose of screening is to categorize whether or not a project requires a full EIA, partial EIA or no EIA at all. This is important as it enables the application of an EIA only to those projects which generate significant impacts. This is because certain projects may have less impact than others. Water / environmental resources related projects have four screening categories as indicated below:

Category 1	Small projects which do not have potential significant impacts and for which separate EIAs are not required, as the environment is the major focus of project preparation. These could include borehole drilling, hand augured shallow wells, protected springs and earth reservoir construction.
Category 2:	Environmental analysis is normally unnecessary, as the project is unlikely to have significant environmental impacts. A project brief is usually enough. This could include projects located in less sensitive areas.
Category 3	Limited environmental analysis is appropriate, as the project impacts can be easily identified and for which mitigation measures can be easily prescribed and included in the design and implementation of the project. Projects in this category could include: water supply projects, large earth reservoirs, but not located in very sensitive areas, big gravity flow schemes, and all category one projects located in sensitive areas.
Category 4	An EIA is normally required because the project may have diverse significant impacts. Projects in this category could include: projects requiring using motorized pumps; storage dams, barrages, weirs, valley tanks and dams; river diversions and inter-basin water transfer among others.

The state of the environment in the three catchments of Tokwe, Atari and Aswa will be improved as a result of the project; generally there are no negative environmental impacts anticipated. Positive environmental impacts will be realized through improving wetland ecosystems within the catchments and by improving sustainable management of water and other natural resources besides addressing issues of community resilience to climate change, and improving community livelihoods.

Additionally, an Environmental and Social Management Framework (ESMF) and Environmental and Social Management Plan (ESMP) will be prepared to guide/ ensure effective management of environmental and social risks during and after implementation of the project activities. The ESMP/ESMF shall be approved by the National Environmental Management Authority (NEMA) prior to implementation, in accordance with Ugandan environmental laws. Similar EMSF/ESMP have been developed and approved by NEMA for implementation of AfDB funded water and sanitation projects (e.g Water Supply and Sanitation Program, Phases I & II).

F. Describe if there is duplication of project / programme with other funding sources, if any.

This is the first integrated approach project that is designed to supplement the AfDB-funded *Strategic Towns Water Supply and Sanitation Project* with the aim of scaling up climate resilience in three water stressed, environmentally degraded, and vulnerable towns in western and eastern regions of Uganda (Bundibugyo, Kyenjojo-Katoke and Kapchorwa). As a result, there is no duplication of this project with other funding sources.

The STWSSP is more focused on water and sanitation infrastructure development for the 10 towns identified, including Bundibugyo, Kyenjojo-Katooke and Kapchorwa. This project will implement catchment protection measures that mitigate the climate change impacts on the water resources of the identified towns. Communities are currently using the water resources, however, when the new infrastructure is built, there will be increased abstraction that could exacerbate the situation if these project measures are not undertaken.

The project will also focus on contributing to institutional capacity building, strengthening adaptive capacity and resilience to climate change, and dissemination of key climate-related knowledge for awareness raising.

G. If applicable, describe the learning and knowledge management component to capture and disseminate lessons learned.

Knowledge management of lessons learned on climate resilience through reducing pressure on water resources, encouraging environmentally and sustainable land use practices and sustainable climate resilient measures in small towns against drought effects will contribute to the knowledge and facilitate information sharing, knowledge exchange visits and documentation of success stories (newsletters and other knowledge dissemination materials and WASH learning forums). The lessons learned will be synthesized to include knowledge based on implementation processes, impacts of the project activities and best practices.

Concretely, in order to enhance learning and knowledge management, the project will prepare a strategy for the dissemination and communication of lessons learned from the project implementation and impacts. The communication strategy will be developed in the full proposal. The strategy will ensure that lessons learned reach the target audience in the appropriate format. The target audience will include policy makers; WASH advocates, key development partners and different communities across the county that value and understand the threat of climate change and committed to building climate change resilience.

H. Describe the consultative process, including the list of stakeholders consulted, undertaken during project preparation, with particular reference to vulnerable groups, including gender considerations, in compliance with the Environmental and Social Policy of the Adaptation Fund.

The consultative process for the Concept Note development mirrored the existing stakeholder's structures and networks established under the NAPA and NEMA, specifically looking at "strengthening adaptive capacity and resilience to Climate in the project target areas/communities.

The formulation of this Concept Note has aligned with the development of the baseline project, which has involved consultation with a range of stakeholders during the Preparation (21st August - 1st September 2017) and Appraisal (2nd – 10th November 2017) missions. The consultation process included meetings, and working sessions that encompassed various stakeholders including technical staff and beneficiaries.

- i. Technical Working Sessions: Technical staffs at the national and town levels were involved in the planning and provision of data on the existing water and sanitation systems and the investment plans for relevant towns, which helped identify the needs, selection of towns and guided the design of the proposed project. [The technical working session closely adopted the "gender mainstreaming guidelines" developed for the water and environment sector, to ensure that the proposed project interventions are gender responsive.](#)
- ii. Field visits and Meetings: These were conducted to proposed project sites to engage with local governments and beneficiaries' to establish their level of involvement in the planning process and to better understand the environmental and climate change issues at the proposed intakes and water sources. The project focal team held preliminary discussions with local authorities, existing water management committees (responsible for water supply, sanitation and hygiene and environmental conservation), community groups (including women), household heads on the proposed project activities and objectives, beneficiary needs with respect to water resources and climate risk management. During the meetings to Bundibugyo and Kyenjojo district local governments, communities expressed demand for the proposed interventions services and indicated an overwhelming interest in the proposed project, which was deemed critical to address water scarcity and poor sanitation concerns particularly amongst women who spend time collecting water and caring for their families. [District gender officers who are responsible for ensuring gender responsive initiatives were consulted as well.](#)

Consultations will continue and shall remain at the core of the development of the full project proposal.

I. Provide justification for funding requested, focusing on the full cost of adaptation reasoning.

Scaling-up of safe water supply and sanitation using appropriate technologies for vulnerable communities has been identified as one of the Uganda National Adaptation Programmes of Action. This is also echoed in various national and sector policy directions including National Development Plan (NDP), Water Supply and Sanitation Sector Programme Support (WSSPS) and the Medium Term Expenditure Framework (MTEF).

High population growth in these small towns (population is expected to bump up by over 100% by 2040) has led to overwhelming demand for safe water supply services thus straining the existing water resources. Climate change related effects such as floods and droughts have compounded the situation, with the need for re-thinking development approaches aligned to IWRM with due consideration for possible climate change effects. This approach has not received prominent implementation in the development of water and sanitation infrastructure in small towns, which has been the reason behind the failure of existing water supply systems during extreme climatic events. Hence the project is designed to build the resilience of water supply systems through protection of catchments and encouraging other sustainable climate resilient measures in project areas.

The provision of safe water will increase water access and reduce the burden of work on women and children who walk long distances to fetch water, the storage techniques will allow women to save time that can be used instead to engage in other productive activities. The proposed STWSSP will lead to minimization of incidences of water borne diseases (especially for children) and foster development by increased productivity of the population especially the women. The provision of sustainable piped water supply systems in the target towns will trigger economic growth through stimulation of commercial activities such as hotels, and support to end-user social services like health centres, educational institutions, and agro-based industries all of which are essential ingredients for development.

Specifically, this project will complement the STWSSP by focusing on the climate change and adaptation measures in the catchments of R. Aswa, R. Tokwe and R. Atari, which are considered most vulnerable to the effects of climate change. These measures will ensure that the benefits of STWSSP infrastructure continue to serve sustainably. The project activities would still benefit the community in the absence of STWSSP intervention, albeit to limited capacity utilization. The activities identified under climate change resilience in R. Aswa, R. Tokwe, and R. Atari will be exclusively implemented under this project. These will build capacity of the sector to implement similar activities in other project catchments. The project design has indeed benefited from lessons learnt by Uganda in implementation of similar projects; including AF funded “Enhancing Resilience of Communities to Climate Change through Catchment Based Integrated Management of Water and Related Resources in Uganda”. The GEF also provided additional funds toward implementation of the ADF funded “Water Supply and Sanitation Program”, which focused on water and sanitation infrastructure, while the GEF additional funds supported measures targeted to improving climate change resilience of the beneficiary communities.

J. Describe how the sustainability of the project/programme outcomes has been taken into account when designing the project / programme.

Financial sustainability: There is high political will and demand for water supply services in small towns in Uganda, due to the high populations and importance to socio-economic development of the Country. However, the budget allocation by Government towards activities aimed at increasing resilience of communities to climate change effects in relation to sustained access to safe water supplies is insufficient. This funding request under preparation is expected to help foster interventions geared at protecting selected water sources and their catchments and strengthening community adaptation measures. Continuous catchment protection interventions (during operation of constructed water supply systems) will be financed from generated revenue from monthly water sales.

Institutional sustainability and strengthening of capacities: The MWE established the [Water and Sanitation Development Facilities \(WSDF\)](#) regional offices in order to implement different programs targeted to the specific region, as opposed to stand-alone projects, which have limitations on institutional sustainability. [Also at the regional level are the Umbrella Organizations \(UO\), who are permanently present in the regions to ensure continuity of all projects benefits. The regional Water Management Zones \(WMZ\) are also established at the regional level throughout the country to ensure continuity of catchment protection measures.](#) Institutional sustainability is also enhanced through the various implementation manuals, policies and databases developed within the project, which will always be available for future generations. Through this proposed project, capacity will be built in feasibility studies, detailed designs, tender documentation, contract management and supervision. The MWE and Local Government professional staff will benefit directly from exposure and will utilize gained experience in other similar sector work/assignments. Also, capacity will be received by contractors and consultants who will participate in the studies and works and this capacity will be used by the public sector which is regularly employed by the MWE. As a policy of MWE, the constructed water supply facilities are transferred to the local governments, and managed by outsourced qualified water operators, procured through competitive means to offer management services. Through this management arrangement, the water supply systems are managed competently to generate revenue which is used for day to day management.

Ownership: The high response to call for applications for water supply and sanitation infrastructure in the country demonstrates the need for the services. From implementation realised in previous MWE projects especially under the WSDFs, communities avail land and actively participate in the implementation and monitoring of the projects, demonstrating high commitment to ownership of the same. Once completed, the infrastructure will be handed over to the local governments, which will also be gazetted as water authorities to take charge of ownership of all assets and take up management of the service. The monitoring of proper functionality of the system will be the responsibility of the Regulation Unit of the MWE who together with the UO will also monitor the quality of the water on a regular basis. The MWE through UO will finance downstream activities especially expanding the network and increasing connections in order to increase the business volume and make the system economically viable and sustainable

K. Provide an overview of the environmental and social impacts and risks identified as being relevant to the project / programme.

The proposed project is designed to align with the Environmental and Social Policy of the Adaptation Fund as well as the environmental and social safeguard requirements of the Government of Uganda and the African Development Bank (AfDB). Under AfDB's Integrated Safeguards System, 2013, a summary of safeguard operational policies to be triggered by the proposed project are as described in the table below.

Operational safeguard	Triggered	Requirements
OS 1: Environmental and Social Assessment	√	An Environmental and Social Management Framework (ESMF) focusing on robust climate change adaptation actions / measures will be developed for the entire project; also an Environmental and Social Management Plan (ESMP) will be prepared to guide / ensure effective management of environmental and social risks during and after implementation of the specific sub projects.
OS 2: Involuntary Resettlement: Land Acquisition, Population Displacement and Compensation	X	This Operational Safeguard in particular embraces comprehensive and forward-looking notions of livelihood and assets, accounting for their social, cultural, and economic dimensions. It also adopts a definition of community and common property that emphasizes the need to maintain social cohesion, community structures, and the social inter-linkages that common property provides. There is no anticipated resettlement under the proposed climate change adaptation project; interventions will be limited to available land / gazetted buffer zones and wetlands existent in three river catchments (Atari, Tokwe and Aswa).
OS 3: Biodiversity and Ecosystem Services	√	The overarching objective of this safeguard is to conserve biological diversity and promote the sustainable use of natural resources e.g. integrated water resources management. The proposed project aims at supporting adaption actions for sustained ecosystems and livelihoods as part of its objectives. However, the project activities might have impact on biodiversity and ecosystem services especially during excavation and construction of various infrastructure as conservation measures.
OS 4: Pollution Prevention and Control, Greenhouse Gases, Hazardous Materials and Resource Efficiency	X	This safeguard covers the range of impacts of pollution, waste, and hazardous materials for which there are agreed international conventions and comprehensive industry-specific and regional standards, including greenhouse gas accounting. It is anticipated that the proposed adaptation project will not trigger this OS; instead planned interventions will play a big role in preventing / controlling environmental and water pollution in the three project rivers and corresponding catchments.
OS 5: Labour Conditions, Health and Safety	√	This safeguard establishes the Bank's requirements for its borrowers or clients concerning workers' conditions, rights and protection from abuse or exploitation. It covers working conditions, workers' organizations, occupational health and safety, and avoidance of child or forced labour.

√ - Triggered; X- Not triggered

OS 1 on Environmental Assessment is **triggered** and as such an ESMF and Project ESMP will

be prepared to guide the implementation of the Climate Change Adaptation Project

OS 2 on Involuntary Resettlement is **not triggered** since the project interventions will be limited to available land away from settlements / gazetted buffer zones and wetlands existent in river catchments (Atari, Tokwe and Aswa).

OS 3 on Biodiversity and Ecosystem Services is **triggered** since the proposed project aims at supporting adaption actions for sustained ecosystems and livelihoods as part of its objectives. Planned interventions will only complement biodiversity conservation and ecosystem restoration efforts. At the full proposal development stage, the impacts related to OS 3 will be further analysed and included in the ESMF and ESMP as undertakings at different stages of project implementation.

OS 4 on Pollution Prevention & Hazardous Materials is **not triggered**; instead planned interventions will play a big role in preventing / controlling environmental and water pollution in the three rivers and their corresponding catchments.

OS 5 on Labour Conditions, Occupational Health and Safety is **triggered** since river bank and wetland restoration works will require recruitment of a labour force to complement community effort and undertake the required restoration works. Works related to restoration of river banks and wetlands might expose individuals involved to occupational safety risk and infections. This occupational safety risk will be mitigated through the selection and effective use of appropriate mechanical equipment and personal protective gear. Work procedures, training, and awareness creation/sensitization will also be done for everyone involved in the project.

Implementation of the project will definitely increase volume of human and motor traffic in the project areas/sites. The increase in human and motor traffic will be aggravated by the transportation of construction materials, water pipes and other equipment required in constructing the project facilities. This is likely to result in a higher risk of accidents and occupational hazards occurring in the areas of operation. Factors that may exacerbate this situation are inadequate appropriate working gear for project workers including the helmets, overalls, gum-boots and gloves. Inadequate sensitisation of both project workers and communities in the project areas, and lack of proper traffic management planning would expose the communities to potential traffic related risks.

In consideration of the Operational Safeguards that will be triggered (OS 1, OS 3 and OS 5), the proposed project has been classified **category 2** in line with the AfDB's Environmental and Social Management Procedures and the Integrated Safeguard System, which indicates that the anticipated environmental and social impacts can be readily managed with appropriate mitigation/enhancement measures. The project will have significant environmental and social benefits including protecting the natural habitats of critical ecosystems through catchment protection, enhance the resilience of vulnerable groups to drought/flood events, and promote public health and improve livelihoods through increased and sustainable availability of high quality water.

During preparation of the full project proposal, detailed assessment will be undertaken to identify pertinent E&S risks that may be associated with the proposed project interventions as introduced in the table below.

Environmental and Social Risks Matrix

Environmental and social risks	Not Present	Present
<i>Compliance with the Law</i>	√ Project will comply with all international and national laws and regulations currently in force in Uganda.	
<i>Marginalized and Vulnerable Groups</i>		√ People with disabilities and female and child headed families are present in the project areas.
<i>Human Rights</i>	√ The project has no potential human rights risks	
<i>Gender Equity and Women's Empowerment</i>		√ Women issues are compromised by cultural hindrances and limited low economic status.
<i>Core Labour Rights</i>	√ The project will be managed in accordance with the Ugandan Labor Law, which prohibits forced labor, child labor, and discrimination and allows freedom of association.	
<i>Indigenous Peoples</i>	√ The project will not create any negative impact on the indigenous people but rather enhance their quality of life.	
<i>Involuntary Resettlement</i>	√ There will be no involuntary resettlement as a result of the project.	
<i>Protection of Natural Habitats</i>	√ The project will facilitate protection of natural habitats including the critical watersheds of rivers Atari, Aswa and Tokwe. This will enhance recharge and restoration of water systems including groundwater.	
<i>Conservation of Biological Diversity</i>	√ Project activities will enhance conservation of biological diversity in the target catchments.	
<i>Climate Change</i>	√ The proposed project is designed to integrate climate resilience into the project activities to climate proof investments and ensure long-term sustainability of infrastructures. Afforestation activities will minimize GHG emissions.	
<i>Pollution Prevention and Resource Efficiency</i>	√ The project will support pollution prevention; unsustainable practices that impair water quality and issues of river pollution will be managed.	
<i>Public Health</i>	√ Improved public health is an outcome of this project. Water quality will be improved as a result of environmental / catchment protection	
<i>Physical and Cultural Heritage</i>	√ The project activities will not be implemented in an area known for having physical cultural resources, cultural sites and sites with unique natural values. If cultural resources are discovered, the relevant technical ministry will be notified	.
<i>Lands and Soil Conservation</i>	√ The project interventions will support sustainable soil and land management practices.	

PART III: IMPLEMENTATION ARRANGEMENTS

A. Describe the arrangements for project / programme implementation.

The Executing Agency (EA) is the MWE, who will be responsible for the overall coordination of planning, implementation and monitoring of the programme. The implementation of the programme will be managed through existing national decision making structures, utilizing national planning, procurement, budgeting, accounting and reporting systems. The program may be implemented as sub-component of the Joint Water and Environment Sector support program, under Joint Partnership Fund.

Operational implementation for Component 1&2 shall be implemented through the Urban Water Supply department under the Water and Sanitation Development Facility – Central Program of the MWE. Component 3 shall be implemented by the Water Sector Liaison department which is responsible for the overall sector capacity support.

The overall monitoring setup, as part of the JPF includes overall Sector Reviews, held twice a year, Technical Review in March and Joint Sector Review in September. In addition the sector conducts regular technical reviews, surveys, VFM and tracking studies. The programme will make use of these existing MWE monitoring and evaluation (M&E) system, which is part and parcel of the Government's M&E system.

B. Describe the measures for financial and project / programme risk management.

The table below identifies the key risks that the project management may face in achieving these objectives and provides possible mitigation measures to address these risks.

Risk	Risk Mitigation measures incorporated into programme design
Country- Weaknesses in government public financial management systems and procurement systems.	To address the high level of country risk, a government led Public Financial Management Reform Programme is under implementation which addresses issues of procurement and its related enforcement. New Procurement regulations (2014) have been enacted to mitigate procurement challenges in the public sector.
Entity level- (MWE) - Delays in project implementation as a result of poor coordination	The coordination of the project will be vested with the Water Sector Liaison Department which is responsible for overall sector activities coordination and reporting.

Risk	Risk Mitigation measures incorporated into programme design
Project level – Inability to use funds efficiently and economically for purposes intended. -Identification of adequate water resources (ground water/surface water) on accessible land is a major risk	Use of the Ministry's Internal Audit Department to provide checks and balances. Extensive ground water investigations and test drilling will be conducted in the region and local stakeholders involved in acquisition of the land identified Extensive stakeholder involvement and sensitization will be ensured.
External Audit - Delays in submitting the audit reports. Financial audit limitations to verify economic use of resources.	The Auditor General will be responsible for the audit but has the power to subcontract to competent private auditors should capacity be an issue. Draft ToR will be agreed upon with the office of the AG at commencement of the project.

C. Describe the measures for environmental and social risk management, in line with the Environmental and Social Policy of the Adaptation Fund.

Site-specific environmental and social impact assessment and management plans (ESIA/ESMPs) will be developed for each of the sub-projects / interventions the three project areas and in compliance with the environmental and social regulatory framework of the Government of Uganda, AfDB and the Adaptation Fund. Screening of potential risks in accordance with the Adaptation Fund Environmental and Social Policy (ESP) and Gender Policy (GP) is presented / summarized in the table below:

ESP/GP Guidance	Potential Risk	Mitigation Measure
Oversight of lack of critical addressing of how different social realities that men & women face in being affected by climate change and how they are addressed	Unequal /imbalanced representation at of both men and women in consultation throughout all the stages of the project cycle.	Ensuring that both men and women are equally involved in decision making and assigned specific roles at various levels.
The gender-based power structure valuing the contributions and participation of men and women differently and often unequally with respect to decision-making and control. Who controls and	There is always a tendency to have an under – representation of women in project implementation	Gender expertise as an important area of technical expertise will be included in the terms of reference used to recruit project personnel and project contractors The project will ensure there is a

decides what? Who is included in what? How? Where? When? Why?		framework in place for consultation of women throughout all stages of the project
Access to Resources (material, time, knowledge & information) Who uses what resources? How, where & why? The process of allocating access to project benefits should be fair and impartial. A fair process treats people equally without favouritism or discrimination, and an impartial process treats all rivals or disputants equally (ESP)	Marginalization on women and other vulnerable groups in accessing project benefits especially the job opportunities	During recruitment of project staff (both skilled and semi-skilled) the project will work within the framework of the Human Resource Policy of the MWE to ensure transparency / equitable sharing of opportunities. The MWE Gender Mainstreaming policy shall also provide additional framework for implementation of measures.

D. Describe the monitoring and evaluation arrangements and provide a budgeted M&E plan.

Project M&E will be undertaken in accordance with the procedures and rules of partners and donors involved, including the Adaptation Fund with respect to business planning, reporting, monitoring and evaluation procedures. The overall monitoring set up, as part of the JPF includes overall Sector Reviews held twice a year, Technical Reviews and Joint Sector Reviews. In addition the sector conducts regular technical reviews surveys and tracking studies.

Monitoring and evaluation (M&E) will be part of the regular M&E system. M&E activities will be based on the logical results framework (to be developed). The overall M&E format for the project will follow the instructions and guidelines of the Adaptation Fund, including compliance with the Fund's Environmental and Social Policy (ESP).

A mid-term evaluation will be conducted focusing on the effectiveness and efficiency and where necessary corrective action will be taken for successful project implementation. The Final Evaluation will occur at the end of the project and will be based on the same approach as the mid-term evaluation. It must also make recommendations on additional actions for sustainability. In addition, an ex-post assessment will focus on the sustainability of project results and lessons learned including best practices, anticipated costs, applying the lessons at the sectoral and thematic levels as the basis of the policy development and future planning. Independent of the Final Evaluation an ex-post assessment will be undertaken, focusing on assessing the sustainability of project results, lessons learned, including best practices and cost-benefit in relation to vulnerability and resilience. Both ex-post assessment and final evaluation will also provide key

messages for policy development and future adaptation planning, including NAPA revision.

- E. Include a results framework for the project proposal, including milestones, targets and indicators.

To be provided at the next stage of the proposal

- F. Demonstrate how the project / programme aligns with the Results Framework of the Adaptation Fund

To be provided at the next stage of the proposal

- G. Include a detailed budget with budget notes, a budget on the Implementing Entity management fee use, and an explanation and a breakdown of the execution costs.

To be provided at the next stage of the proposal

- H. Include a disbursement schedule with time-bound milestones.

To be provided at the next stage of the proposal


PART IV: ENDORSEMENT BY GOVERNMENT AND CERTIFICATION BY THE IMPLEMENTING ENTITY

- A. **Record of endorsement on behalf of the government⁶** *Provide the name and position of the government official and indicate date of endorsement. If this is a regional project/programme, list the endorsing officials all the participating countries. The endorsement letter(s) should be attached as an annex to the project/programme proposal. Please attach the endorsement letter(s) with this template; add as many participating governments if a regional project/programme:*

Mr. Keith Muhakanizi <i>Permanent Secretary / Secretary to the Treasury Ministry of Finance, Planning and Economic Development</i>	Date: (Month, day, year)
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⁶ 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.

B. Implementing Entity certification *Provide the name and signature of the Implementing Entity Coordinator and the date of signature. Provide also the project/programme contact person's name, telephone number and email address*

<p>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, <u>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>AyanlehDaher Aden</p>  <p>Implementing Entity Coordinator</p>	
Date: <i>January 15th, 2018</i>	Tel. and email: (+225) 20 26 43 47; a.daheraden@afdb.org
Project Contact Person: Andrew MBIRO	
Tel. And Email: +256772403854; A.MBIRO@AFDB.ORG	

ANNEX 1
Consultation Proceedings: List of Participants

Ministry Of Finance Officials

	Name	Designation	Email/ Contact
1	Fredrick Twesiime	Ag Comm, Development Assistance and Regional Corporation Department	'Fred.Twesiime@finance.go.ug'
2	Mr. Collins Ishimwe	Senior Economist, Desk Officer AfDB	Collins.Ishimwe@finance.go.ug

Ministry Of Water Officials

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29	Namara Samantha	Com Officer WSDF SW	0783 563 476

Bundibujjo and Kyenjojo District Local Governments

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In any correspondence on
this subject please quote No. ALD 140/211/06



THE REPUBLIC OF UGANDA

Ministry of Finance, Planning &
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Kampala
Uganda

May 7, 2018

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

**Subject: Endorsement for: "Strengthening Climate Change
Adaptation of Small Towns and Peri-Urban Communities"**

Reference is made to our earlier letter of even reference dated January 15,
2018 and your letter dated April 9, 2018 on the above subject.

In my capacity as Designated Authority for the Adaptation Fund in Uganda, I
confirm that I have revised the earlier submitted national project proposal in
line with the observations that were communicated to us.

Accordingly, I am pleased to endorse the above project proposal with support
from the Adaptation Fund. If approved, the project will be implemented by
the African Development Bank and executed by Ministry of Water and
Environment.


Keith Muhakanizi
PERMANENT SECRETARY/SECRETARY TO THE TREASURY

Copy to: The Country Manager, African Development Bank, Uganda
Country Office.

The Permanent Secretary, Ministry of Water and Environment

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"*