



## ADAPTATION FUND

AFB/PPRC.18/20  
1 March 2016

---

Adaptation Fund Board  
Project and Programme Review Committee  
Eighteenth Meeting  
Bonn, Germany, 15-16 March 2016

Agenda Item 8 e)

### **PROPOSAL FOR (ETHIOPIA, KENYA, UGANDA)**

## Background

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

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

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

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

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

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

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

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

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

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

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

*(Decision B.24/30)*

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

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

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

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

7. In its twenty-sixth meeting the Board decided *to request the secretariat to inform the Multilateral Implementing Entities and Regional Implementing Entities that the call for proposals under the Pilot Programme for Regional Projects and Programmes is still open and to encourage them to submit proposals to the Board at its 27th meeting, bearing in mind the cap established by Decision B.25/26.*

*(Decision B.26/3)*

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 pre-concept document titled “Agricultural Climate Resilience Enhancement Initiative (ACREI)” was submitted by the World Meteorological Organization (WMO), which is a Multilateral Implementing Entity of the Adaptation Fund.

10. This is the second submission of the proposal. It was first submitted as a pre-concept in the twenty-sixth Board meeting and the Board decided to:

- a) Not endorse the project pre-concept, as supplemented by the clarification response provided by the World Meteorological Organization (WMO) to the request made by the technical review;*

b) *Suggest that WMO reformulate the proposal taking into account the observations in the review sheet annexed to the notification of the Board's decision, as well as the following issues:*

(i) *To complement the capacity-building activities, the proposal could integrate in the project's approach, activities of support to the most vulnerable farmers in implementation of practices learned in the Field Schools, as well as support for investment in infrastructure for improved production of climate information;*

(ii) *The rationale for the regional approach needs to be better demonstrated; and*

c) *Request WMO to transmit the observations under item (b) to the Governments of Ethiopia, Kenya and Uganda.*

**(Decision B. 26/25)**

11. The present submission was received by the secretariat in time to be considered in the twenty-seventh Board meeting. The secretariat carried out a technical review of the project proposal, assigned it the diary number AFR/MIE/Food/2015/2, and completed a review sheet.

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

13. The secretariat is submitting to the PPRC (1) the summary of the project and, (2) in accordance with decision B.25.15, a response table explaining where and how the observations made by the Board when not approving the project pre-concept at its twenty-sixth meeting had been addressed by the proponent in the project pre-concept submitted for this meeting. Also, pursuant to decision B.17/15, (3) the final technical review of the project is presented in the following sections, along with (4) the final submission of the proposal. The proposal is submitted with changes between the initial submission and the revised version highlighted.

## **Project Summary**

### Ethiopia, Kenya, Uganda – Agricultural Climate Resilience Enhancement Initiative (ACREI)

Implementing Entity: *WMO*  
Project/Programme Execution Cost: USD 598,400  
Total Project/Programme Cost: USD 4,608,295  
Implementing Fee: USD 532,719  
Financing Requested: USD 6,800,000

### Project Background and Context:

The Greater Horn of Africa is extremely vulnerable to climate variability. Extreme precipitation changes over Eastern Africa such as droughts and heavy rainfall have been experienced more frequently during the last 30-60 years. The risk of loss of rural livelihoods and income due to climatic hazards is particularly real for farmers and pastoralists in the arid and semi-arid regions. Communities have limited information about improved farming practices and socio-cultural and economic barriers often inhibit uptake of new technologies. The project scope provides a highly innovative effort to link upstream and downstream climate information and services to ensure a more farmer, agro-pastoralist and pastoralist friendly approach to climate resilience in agriculture that blends scientific and traditional knowledge systems. The project objective is to improve adaptive capacity and resilience to current climate variability and change among targeted farmers, agro-pastoralists and pastoralist communities. Enhancing the capacity of communities to cope and adapt to climate variability will build the resilience of communities and livelihoods dependent on climate-sensitive resources.

### Component 1: Supporting Community Adaptation practices (USD 3,325,414)

This component, led by FAO in close collaboration with relevant regional institutions and country ministries of agriculture, livestock and environment will support capacity building linked to financial support for implementation of locally adapted adaptation practices that enhance food and income security. In depth consultation with communities will assist in linking traditional mechanisms for assessing and predicting climate variation with the packaging and dissemination of localized down-scaled climate services (climate forecasts, analyzed historical climate information, assessment of local risks and vulnerabilities). Communities will be supported to apply climate informed farming practices through participatory training and experimentation on appropriate technology and adaptation options through 90 (30 per country) Agro-pastoralist Field School (APFS) groups reaching 13,500 direct beneficiaries over the project period, at least half of whom will be women with over 40,000 additional indirect beneficiaries benefitting through member to neighbor knowledge transmission.

### Component 2: Climate Proofing Extension system (USD 1,215,467)

This component, led by FAO and IGAD, will support climate proofing of existing agricultural advisory services in the target countries and ensure a minimum level of climate awareness among development actors and advisory support service actors. Selected project and government technical staff from the participating countries will be trained on appropriate climate data collection/analysis tools through a combination of face to face and e-learning training processes. Through an initial season-long training of facilitators, run by experienced Master trainers sourced from the region, the capacity of community members, government and NGO field actors will be built on climate sensitive Field Schools. The institutionalization process and

integration of participatory extension in government mainstream programs and funding streams started in the region will be facilitated and enhanced, building on member countries and IGADs ongoing efforts.

Component 3: Climate informed decision making (USD 1,128,000)

Under the leadership of WMO, and ICPAC, the Regional Climate Centre, the capacity of the NMHSs in the target countries to produce the required climate services will be built through training, infrastructure development and other resource investment. This includes support provided by ICPAC, to improve climate modeling and down-scaling climate scenarios for application in agriculture. This component will directly add value to and support beneficiary reach of component 1 and 2.

**Adaptation Fund Board decision B. 26/25 regarding the Agricultural Climate Resilience Enhancement Initiative (ACREI) – Project pre-concept**

In its decision the Board suggested that WMO reformulates the proposal taking into account the observations in the review sheet annexed to the notification of the Board’s decisions (*done and sent to the AF Secretariat*), as well as the following issues:

AF Board issues raised	WMO’s answer to issues raised by the Board
(i) To complement the capacity-building activities, the proposal could integrate in the project’s approach, activities of support to the most vulnerable farmers in implementation of practices learned in the Field Schools, as well as support for investment in infrastructure for improved production of climate information;	Following the consideration of the proposal at the 26th meeting of the AF Board WMO reformulated the proposal in cooperation with the target countries and the implementing partners to address the issues raised by the board. The most significant change was the addition of activities aimed at supporting the most vulnerable farmers, which include the provision of community investment grants to thirty communities (ten in each country) under Output 1.3. This will enable these communities to take appropriate action on the climate information provided through the capacity building activities. The total budget of the project was increased to 6.8mn USD to accommodate these grants.
(ii) The rationale for the regional approach needs to be better demonstrated;	<p>The issue raised by the Board regarding the need for a stronger regional approach was addressed in the reformulation by strengthening the role played by the Regional Climate Centre, the IGAD Climate Prediction and Application Centre (ICPAC) to support the activities aimed at improving the climate products to be provided to the users under this project, especially the seasonal forecast.</p> <p>The IGAD Climate Prediction and Applications Centre (ICPAC) is a regional climate centre responsible for supporting IGAD Members States. The centre is responsible for seven member countries namely: Djibouti, Eritrea, Ethiopia, Kenya, Somalia, South Sudan, Sudan and Uganda as well as Burundi, Rwanda and Tanzania. The objectives of the Centre include:</p> <ol style="list-style-type: none"> <li>1. Provision of timely climate early warning information and support specific sector applications for the</li> </ol>

	<p>mitigation of the impacts of climate variability and change for poverty alleviation, management of environment and sustainable development;</p> <ol style="list-style-type: none"><li>2. Provision of technical capacity of producers and users of climatic information, in order to enhance the use of climate monitoring and forecasting products in climate risk management and environment management; and</li><li>3. Development of improved, proactive, timely, broad-based system of information/product dissemination and feedback, at both sub-regional and national scales through national partners among others.</li></ol> <p>In the Agricultural Climate Resilience Enhancement Initiative (ACREI) project the centre which has already a regional responsibility will continue to provide backstopping activities to National Meteorological and Hydrological Services so that they provide climate services through forecasts for application in agriculture to build resilience. ICPAC will contribute significantly through its mandate in the region as outlined in its terms of reference.</p>
--	--





ADAPTATION FUND

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

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

Countries/Region: **Ethiopia, Kenya, Uganda**

Project Title: **Agricultural Climate Resilience Enhancement Initiative (ACREI)**

Thematic focal area: **Food security**

Implementing Entity: **World Meteorological Organization (WMO)**

Executing Entities: **Food and Agricultural Organization (FAO) and the Inter-Governmental Authority on Development (IGAD)**

AF Project ID: **AFR/MIE/Food/2015/2**

IE Project ID:

Requested Financing from Adaptation Fund (US Dollars): **6,800,000**

Reviewer and contact person: **Daouda Ndiaye**

Co-reviewer(s): **Mikko Ollikainen**

IE Contact Person(s): **Jean-Paul Gaudechoux**

Review Criteria	Questions	Comments on 2 February 2016	Comments on 10 February 2016
Country Eligibility	1. Are all of the participating countries party to the Kyoto Protocol?	Yes.	
	2. Are all of the participating countries developing countries particularly vulnerable to the adverse effects of climate change?	Yes. The Greater Horn of Africa is extremely vulnerable to climate variability, with increased extreme precipitation changes such as droughts and heavy rainfall over the last 30-60 years.	
Project Eligibility	1. Have the designated government authorities for the Adaptation Fund from each of the participating countries endorsed the project/programme?	No. The letters of endorsement from the three countries are missing.	Addressed. All letters have been provided.
	2. Has the pre-concept provided necessary information on the problem the proposed project/programme is aiming to solve, including both the regional and the country perspective?	Yes.	

	3. Have the project/programme objectives, components and financing been clearly explained?	Yes.	
	4. Has the project/programme been justified in terms of how: <ul style="list-style-type: none"> <li>- it supports concrete adaptation actions?</li> <li>- it builds added value through the regional approach?</li> <li>- it promotes new and innovative solutions to climate change adaptation?</li> <li>- it is cost-effective?</li> <li>- it is consistent with applicable strategies and plans?</li> <li>- it incorporates learning and knowledge management?</li> <li>- it will be developed through a consultative process with particular reference to vulnerable groups, including gender considerations, in compliance with the Environmental and Social Policy of the Adaptation Fund?</li> <li>- it will take into account sustainability?</li> </ul>	<p>The project seeks to improve the adaptive capacity and resilience to current climate variability and change of targeted farmers, agro-pastoralists and pastoralist communities” in the three countries.</p> <p>Communities will be supported to apply climate informed farming practices through participatory training and experimentation on appropriate technology and adaptation options through 90 (30 per country) APFS groups reaching 13,500 direct beneficiaries over the project period, at least half of whom will be women. Selected project and government technical staff from the participating countries will also be trained on appropriate climate data collection/analysis tools through a combination of face to face and e-learning training processes. Lastly, the capacity of the National Meteorological services in the target countries to produce the required climate services will be built through training, infrastructure development and other resource investment.</p> <p>Cost effectiveness: please provide an approximate scope of beneficiaries of the project, especially through components 2 and 3, as it is explained that component 1 will directly benefit 13,500 farmers through the APFS groups and 30 villages across the three countries.</p> <p>The regional approach: the choice of the three countries out of the eight in the region could be clarified. Is it for demonstration purposes, to be replicated if successful?</p>	<p>Addressed.</p> <p>Addressed.</p>

		Also the learning and knowledge management component, as described in the paragraph on the regional approach, is not reflected in the outputs described in the project components and financing table.	Addressed.
	5. Does the pre-concept briefly explain which organizations would be involved in the proposed regional project/programme at the regional and national/sub-national level, and how coordination would be arranged? Does it explain how national institutions, and when possible, national implementing entities (NIEs) would be involved as partners in the project?	Yes.	
Resource Availability	6. Is the requested project / programme funding within the funding windows of the pilot programme for regional projects/programmes?	Yes. However there is a discrepancy between the budget in the document (US\$ 6.8 million) and the one stated in the cover page (US\$ 5 million).	Addressed.
	7. Are the administrative costs (Implementing Entity Management Fee and Project/ Programme Execution Costs) at or below 20 per cent of the total project/programme budget?	Yes.	
Eligibility of IE	8. Is the project/programme submitted through an eligible Implementing Entity that has been accredited by the Board?	Yes.	

Technical Summary	<p>The objective of the project is to improve the adaptive capacity and resilience to current climate variability and change of targeted farmers, agro-pastoralists and pastoralist communities in selected countries in the Greater Horn of Africa.</p> <p>Communities in the three countries will be supported to apply climate informed farming practices through participatory training and experimentation on appropriate technology and adaptation options through 90 (30 per country) APFS groups reaching 13,500 direct beneficiaries over the project period, at least half of whom will be women. Selected project and government technical staff from the participating countries will also be trained on appropriate climate data collection/analysis tools through a combination of face to face and e-learning training processes. Lastly, the capacity of the National Meteorological services in the target</p>
-------------------	---

	<p>countries to produce the required climate services will be built through training, infrastructure development and other resource investment.</p> <p>The initial technical review found that the proposed activities were relevant to the regional context. However a few clarification were requested, related to its cost effectiveness, knowledge management component and regional approach. The revised document has addressed the requests satisfactorily.</p>
Date:	10 February 2016.



## ADAPTATION FUND

# PRE-CONCEPT FOR A REGIONAL PROJECT/PROGRAMME

### PART I: PROJECT/PROGRAMME INFORMATION

Title of Project/Programme:	Agricultural Climate Resilience Enhancement Initiative (ACREI)
Countries:	Ethiopia, Kenya, Uganda
Thematic Focal Area <sup>1</sup> :	Food security
Type of Implementing Entity:	UN agency
Implementing Entity:	World Meteorological Organization
Executing Entities:	Food and Agricultural Organization (FAO) and the Inter-Governmental Authority on Development (IGAD)
Amount of Financing Requested:	USD 6.8 Million

#### **Project / Programme Background and Context:**

The Greater Horn of Africa is extremely vulnerable to climate variability. Extreme precipitation changes over Eastern Africa such as droughts and heavy rainfall have been experienced more frequently during the last 30-60 years (IPCC, 2013). The risk of loss of rural livelihoods and income due to climatic hazards is particularly real in arid and semi-arid regions, largely habituated by communities engaged in agro-pastoral livelihood systems. These communities have limited access to information and technical support and financing for adaptation options hence responding to local climate variability and predictions is very limited. Therefore, enhancing the capacity of communities to cope and adapt to climate variability will build the resilience of communities and livelihoods dependent on climate-sensitive resources. The intervention will technically improve climate forecasts using a regional approach and build the capacity of communities to understand and appropriately use climate information and related agro-advisories in decision-making to climate-proof their livelihoods. The Agro-pastoralist Field School (APFS) approach, an adaptation of the well proven Farmer Field School approach will form a key delivery mechanism in this project building strongly on previous experiences. Climate sensitive APFS interventions engaging communities in participatory group learning and experimentation will be coupled with Village Community Banking approach (VICOBA) to support community uptake of strategies and practices for resilient local food and income systems. Impact data from the region indicate substantial impact of Field Schools on productivity and poverty, especially among women<sup>2</sup> and the successful combination of technical, social and financial support through APFS/VICOBA<sup>3</sup>. The informal nature of the approach provides an entry point to also address social issues including HIV, gender, resource use conflicts, population growth as well as health and nutrition issues thus ensuring a holistic approach. The initiative will build on Climate Smart Agriculture (CSA) principles and field practices to incorporate more accurate and relevant localized climate services into extension and advisory services for agro-pastoralists. The content of technical and financial support to communities will include good agricultural practices, conservation agriculture, soil and water management, water harvesting and small-scale irrigation, improved rangeland and livestock management, farm and income diversification and improved storage and marketing of produce. The project is focusing on three countries; Ethiopia, Kenya and Uganda selected based on the presence of agro-pastoral population highly affected by climate variability, availability of good quality climate data and climate products, existence of national policies and strategies for advisory services, experience and presence of Field School interventions and based on complementarity with ongoing FAO support for institutionalization of the Field School approach. In the future it is expected that with increased complementary funding the initiative may be scaled up to other countries in the Horn of Africa

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

<sup>2</sup> Davis, K., Nkonya, E., Kato, E., Mekonnen, D.A., Odendo, M., Miiro, R. & Nkuba, J. (2011). *Impact of Farmer Field Schools on Agricultural Productivity and Poverty in East Africa*. *World Development*, 40: 402-413.

<sup>3</sup> Hoeggel and Mbeyale, 2014. *Impact Assessment of Pastoralist Field Schools in Ethiopia, Kenya and Uganda*. FAO, SDC and University of Bern.

**Project / Programme Objectives:**

The goal of the initiative is to “**Develop and implement adaptation strategies and measures that will strengthen the resilience of vulnerable smallholder farmers, agro-pastoralists and pastoralists in the Horn of Africa to climate variability and change**” in line with the IGAD Drought Disaster and Sustainability Initiative (IDDRSI) programme. The overall objective is “**Improved adaptive capacity and resilience to current climate variability and change among targeted farmers, agro-pastoralists and pastoralist communities**”.

**Project / Programme Components and Financing:**

Project/ Programme Components	Expected Outcomes	Expected Outputs	Countries	Amount (US\$)
1. Community Adaptation practice	Enhanced productivity, production, livelihood diversification and income levels among 30 communities through application of collective adaptation strategies and practices for resilient local food and income systems (crop and livestock)	<p>1.1 Season-long participatory field based learning and experimentation on adaptation options responding to local climate variability and predictions among 90 climate sensitive APFS groups.</p> <p>1.2 Participatory community adaptation action planning processes resulting in 30 collective and climate informed community adaptation action plans.</p> <p>1.3 Thirty technically sound community adaptation investment proposals funded through a community grant mechanism (average estimate of 60,000 USD/community).</p> <p><u>1.4</u> Targeted population technically supported throughout their engagement in climate resilient farming and income generating livelihood enterprises that sustainably enhance their resilience to climatic shocks.</p> <p><u>1.4.1.5</u> <u>Cross community and cross country exchange visits for peer learning and sharing.</u></p>	Ethiopia, Kenya, Uganda,	3,325,414
2. Climate proofing of extension system	Enhanced capacity of development and extension actors to support community level climate adaptation strategies through integration of climate considerations, forecasts and projections in food security and resilience interventions.	<p>2.1 Training curriculum developed for integration of climate considerations in community actions for climate resilient local food and income systems.</p> <p>2.2 Community and APFS facilitators and other public or private field support actors trained on adaptation options responding to local climate variability and predictions.</p> <p><u>2.3</u> Dissemination of timely information on climate-impact and weather forecasts in an understandable format through FM radio stations linked to community radio listening and dialogue groups.</p> <p><u>2.4</u> Enhanced institutionalization process of climate sensitive Field School and extension interventions in national and regional structures, line ministries and training institutions.</p> <p><u>2.3.2.5</u> <u>Best practice validation and documentation through website development and one face-to face regional meeting per year.</u></p>	Ethiopia, Kenya, Uganda,	1,215,467

3. Climate informed decision making	Improved climate considerations, forecasts and projections in decision making by IGAD institutions and line ministries (Agriculture, livestock, land and water).	3.1 Climate information, including the seasonal forecast and future climate projections, is downscaled by the Regional Climate Centre ICPAC together with National Meteorological Institutions and disseminated through national line ministries of agriculture and livestock to farmers and pastoralists. 3.2 Improved feedback mechanisms from rural climate information users to NMHS and Government bodies about climate and weather information use and their impacts in food production. 3.3 Agro-climate advisories for farmers and pastoralists in the region are packaged and disseminated in a way that makes them more actionable for the users. 3.4 Evidence based policy dialogue on climate information and agriculture is facilitated in the region. 3.5 Annual regional farmers and pastoralist forums to share lessons learnt and good practices on integrating climate information in Agriculture decision making.	Ethiopia, Kenya, Uganda,	1,128,000
4. Project/Programme Execution cost				598,400
5. Total Project/Programme Cost				5,668,881
6. Project/Programme Cycle Management Fee charged by the Implementing Entity (if applicable)				532,719
<b>Amount of Financing Requested</b>				<b>6,800,000</b>

**Project Duration:** Three years (36 months)

## PART II: PROJECT / PROGRAMME JUSTIFICATION

The project scope provides a highly innovative effort to link upstream and downstream climate information and services to ensure a more farmer, agro-pastoralist and pastoralist friendly approach to climate resilience in agriculture that blends scientific and traditional knowledge systems.

### Component 1: Supporting Community Adaptation Practice

This component, led by FAO in close collaboration with relevant regional institutions and country ministries of agriculture, livestock and environment will support capacity building linked to financial support for implementation of locally adapted adaptation practices that enhance food and income security. In depth consultation with communities will assist in linking traditional mechanisms for assessing and predicting climate variation with the packaging and dissemination of localized down-scaled climate services (climate forecasts, analyzed historical climate information, assessment of local risks and vulnerabilities). Communities will be supported to apply climate informed farming practices through participatory training and experimentation on appropriate technology and adaptation options through 90 (30 per country) APFS groups reaching 13,500 direct beneficiaries over the project period, at least half of whom will be women with over 40,000 additional indirect beneficiaries benefitting through member to neighbor knowledge transmission. APFS groups set up comparative field studies, running over two rainy seasons, on a group farm or site to undertake regular data collection and monitoring on climatic information, disease surveillance, livestock and vegetation condition, soil quality and moisture conditions, crop and pasture production that guide decision making for selection of suitable adaptation practices to adopt at household or community level. Target communities (10 villages per country) will further be facilitated and supported to develop collective adaptation investment plans, informed by the APFS group study, that will (following review and approval) be funded by the program. Community investment financing will aim to support inputs, equipment, field supplies and technical support for communities to address priority issue related the sustainable and climate smart use of land, soil, water, forestry, animals and rangeland resources as well as aim to diversify income sources through community savings and credit mechanisms and improved storage and marketing of produce.

### Component 2: Climate proofing Extension system

This component, lead by FAO and IGAD, will support climate proofing of existing agricultural advisory services in the target countries and ensure a minimum level of climate awareness among development actors and advisory support service actors. Selected project and government technical staff from the

participating countries will be trained on appropriate climate data collection/analysis tools through a combination of face to face and e-learning training processes. Through an initial season-long training of facilitators, run by experienced Master trainers sourced from the region, the capacity of community members, government and NGO field actors will be built for implementation of climate sensitive APFS. It is estimated that approximately 100 technical staff will be trained per country through short trainings serving over 30,000 beneficiaries over the project period and 24 Master trainers will be comprehensively trained in the region leading the activities of component 1. Through dissemination of timely information on climate-impact and weather forecasts in an understandable format through FM radio stations linked to community radio listening and dialogue groups an additional 40,000 community members will benefit from some form of climate adaptation advice. The institutionalization process and integration of participatory extension and Field Schools in government mainstream programs and funding streams started in the region will be enhanced, building on member countries and IGADs ongoing efforts.

### Component 3: Climate Informed Decision Making

Under the leadership of WMO, and ICPAC, the Regional Climate Centre the capacity of the NMHSs in the target countries to produce the required climate services will be built through training, infrastructure development and other resource investment. This includes support provided by ICPAC, to improve climate modeling and down-scaling climate scenarios for application in agriculture. This component will directly add value to and support beneficiary reach of component 1 and 2.

A regional approach for the above implementation of three components is critical for a number of reasons. -Firstly the main climate product used by farmers is the seasonal forecast, which is the outcome of a process that is lead by the regional climate centre and developed through the Greater Horn of Africa climate outlook forum which brings together users and producers of the forecasts biannually to come up with a consensus forecast. -Improvements and adjustments to the forecast to more accurately meet community needs thus necessitates is needed, the inclusion of the regional climate centre as a central implementation actor. Secondly a regional approach will allow for a maximizing of lessons learning and sharing among the related actors and stakeholders. The adaptation measures being applied in this project will generate lessons learned, and validation of best practices to be documented and replicated in other areas and countries. WMO, FAO and IGAD have significant experience and systems in place for knowledge management, documentation and dissemination. FAO have both national and field level offices and technical teams in place that will provide a critical role in capturing and sharing experiences, especially in regards to outputs under component 1 and 2. IGAD will utilize existing linkages with relevant national level sectors and other regional forums to share lessons and policy recommendations. -A designated space for sharing of program experiences and lessons will be opened on the regional resilience partner sharing web platform [www.disasterriskreduction.net](http://www.disasterriskreduction.net), financed by complementary funding. Face-to-face interactions through regional meetings and cross country exchange visits will also be facilitated, across target communities (component 1), among service actors (component 2) across policy and decision makers (component 3). This will assist in streamlining currently scattered and sometimes duplicated efforts of integrating climate considerations in extension and Field School work. Thirdly the regional approach will enhance cost effectiveness of capacity development as well as ensuring a certain level of generic scope of tools and processes developed for future application beyond the target sites and countries. Further-Centralizing the capacity building of the Meteorological Agencies with the regional body, ICPAC, will enhance cost effectiveness. By using existing structures and staffing in the field already familiar or skilled in the Field School approach, start-up will be quick and costs reduced. Lastly, a regional approach will ensure close complementarities with the SDC financed Field School Institutionalization project started in 2016 that will support the ongoing uptake of APFS at extension policy level in the target countries. Learning from the three countries under this action will feed critical information regarding options for addressing climate adaption into the policy development processes at national and regional level facilitated through the SDC programme.

The project interventions are in line with the respective government and regional priorities as relates to the significant additional adaptation efforts needed to address the critical interface between climate, agriculture, disaster risk management and livelihoods at the community level. The project directly supports the IGAD Drought Disaster Resilience and Sustainability Initiative (IDDRSI) as well as the



Global Framework for Climate services (GFCS) implementation strategy, specifically components 1 and 3 (Developing the User Interface platform and strengthening climate services information systems). GFCS has identified five pillars for building the user interface for agriculture, and this project is implementing three of those, namely: monitoring, data, tools and methods, managing risks of climate variability and change and contributing to food security information and emergency response. The project is designed within the framework of IGADs regional strategy for mainstreaming climate information into key socio-economic sectors for disaster risk reduction and sustainable development. Existing gender policy frameworks will guide project implementation, for example targeting women to access weather services is an IGAD policy imperative. Analysis of existing similar initiatives has taken place to avoid duplication. Close synergies are envisaged with the similar community grant mechanism developed under the IGAD-FAO Partnership Programme in cross-border areas, commencing in 2016. Further, in Kenya close collaboration is envisaged with the National Implementing Entity (NIE) National Environment management Authority-Kenya (NEMA) within the Food security and Knowledge Management components of the Kenya Climate Change Adaptation (KCCAP) program. All elements related to data and information on climate variability will be clearly linked with the relevant national authorities in the countries such as Ministries of Agriculture, Environments and Meteorological departments.

A project preparation is envisaged that will entail a three step process:

1. Consultations at regional level with the executing entities and national partners to determine the scope and focus of the project, including target districts within the countries, based on which an initial results based framework will be defined including a screening of potential environmental and social impacts and risks.
2. Comprehensive community level consultations in the target districts, including with vulnerable groups ~~within the community~~ such as female headed households and key informants such as traditional forecast providers, ~~and users will held defined the implementation mechanisms that best will meet community needs.~~ The consultation will include application of participatory tools for gender sensitive community consultation and the FAO Self-evaluation and Holistic Assessment to Climate Resilience of Farmers and pastoralists (SHARP).
3. Finally, national consultations will be held in each of the target countries to obtain stakeholder support for the project and validate the final project design.

The improved climate and weather services to be provided by this project will become part of the normal services provided by the NMHSs in the target countries thus ensuring continuity post intervention. Long terms sustainability if further ensured by focusing on existing extension staff, field workers and community focal points and building their capacity in climate adaptation, is. By taking advantage of FAOs global modalities for knowledge dissemination in agriculture the reach and spread of program outcomes will be enhanced. Building on local culture and traditional practices is central to this initiative. At farm level, low cost adaptation technologies and practices will be prioritized to enhance the potential for sustaining the promoted technologies/practices post intervention. The proven ability of Field Schools coupled with community financing mechanism to link technical advancement with enhanced social and financial capital will create a holistic foundation for enhanced and resilient rural livelihoods. Since activities at local level are defined and led by the community the risk of culturally inappropriate practices are minimal. Tools for community based analysis of new technologies/practices in an agro-ecological perspective will be applied thus minimal negative environmental impact is expected (Category C).

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

The project will be implemented by WMO and executed by FAO and IGAD (ICPAC and ICPALD), and relevant government ministries in the target countries. WMO will lead in the management of the climate services while FAO will lead the agronomic, food security and natural resource aspects. IGAD (ICPAC and ICPALD) will coordinate the promotion of utilization of climate information in decision making (crop and livestock investment). The project will establish a Project Steering Committee (PSC) at the regional level or link into existing structures to monitor performance, provide technical oversight, advice on strategic challenges, and ensure systems exist to mitigate risks and disseminate best practice. National Project Leading Group (NPLG) will be set up at country level including representatives from NMHS, Ministry of Agriculture, regional/local authorities and civil society leaders.



በኢትዮጵያ ፌዴራላዊ ዲሞክራሲያዊ ሪፑብሊክ  
የአካባቢ፣ ደንና የአየር ንብረት ለውጥ ሚኒስቴር

The Federal Democratic Republic of Ethiopia  
Ministry of Environment, Forest and Climate Change

ቀን 04/06/08  
Date  
ቁጥር 13/12.1/2884  
Ref.No.

The Adaptation Fund Board  
C/o Adaptation Fund Board Secretariat  
Email: [Secretariate@Adaptation-Fund.org](mailto:Secretariate@Adaptation-Fund.org)  
Fax: 2025223240/5

**Subject: Endorsement of a Regional Project “Agricultural Climate Resilience Enhancement Initiative (ACREI)” in Ethiopia, Kenya and Uganda**

Recall the letter I sent on August 26<sup>th</sup> 2015, numbered 12/1-1/667 on the above subject matter. In that letter I endorsed the above mentioned regional project as Designate Authority for the Adaptation Fund in Ethiopia. However, the project proposal has been reviewed and came back with some comments. Thus, the purpose of this letter is to provide a fresh endorsement of the revised regional project. Therefore, I confirm that the above Regional Project Proposal is an identified Regional initiative to improve adaptive capacity and resilience to current variability and change among the targeted vulnerable smallholder farmers, agro-pastoralists and pastoralists in the Horn of Africa in line with IGAD Drought Disaster and Sustainability initiative (IDDRSI) Program at an estimated cost of US \$6.8million. This intervention is within priorities of Ethiopia to build Climate Resilient Green Economy (CRGE). We expect this project will strengthen our weather and climate services for our communities at large.

If approved, the project will be implemented by the World Meteorological Organization (WMO) with FAO and IGAD and executed by the National Meteorological Agency of Ethiopia representing Ethiopia in collaboration with appropriate partners.



Sincerely,

**Kare Chawicha**  
State Minister,  
Environment & Climate Change

CC:

- Ministry of Finance and Economic Development
- National Meteorological Agency  
Addis Ababa, Ethiopia



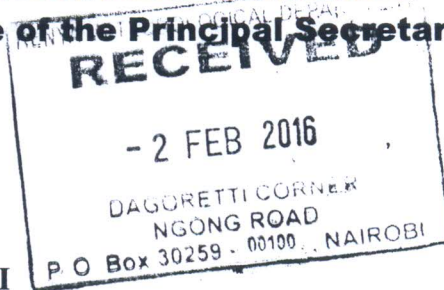
SAD/TC

(K)

MINISTRY OF ENVIRONMENT, NATURAL RESOURCES & REGIONAL  
DEVELOPMENT AUTHORITIES

Office of the Principal Secretary

Telegrams: "Nature", Nairobi  
Telephone: Nairobi 2730808  
Fax: Nairobi 27347200  
Email: [psoffice@environment.go.ke](mailto:psoffice@environment.go.ke)  
Website: [www.environment.go.ke](http://www.environment.go.ke)



NHIF BUILDING  
RAGATI ROAD  
P.O. BOX 30126-00100  
NAIROBI

Ref. No. DENR/MET/1 Vol. II

Date: 27<sup>th</sup> January, 2016

**The Adaptation Fund Board**  
**C/O Adaptation Fund Board Secretariat**  
**Email: [Secretariat@Adaptation-Fund.org](mailto:Secretariat@Adaptation-Fund.org)**

Dear Sir,

**ENDORSEMENT FOR A "REGIONAL PROJECT AGRICULTURAL  
CLIMATE RESILIENCE ENHANCEMENT INITIATIVE (ACREI)" IN  
ETHIOPIA, KENYA, AND UGANDA**

I have the honour to refer to the above mentioned subject.

In my capacity as the designated Authority for the Adaptation Fund in Kenya, I confirm that the above Regional Project Proposal is an identified regional Initiative to improve adaptive capacity and resilience to current climate variability and change among the targeted vulnerable smallholder farmers, agro-pastoralists and pastoralists in the Horn of Africa in line with IGAD Drought Disaster and Sustainability Initiative (IDDRSI) Programme at an estimated cost of US \$ 6.8 Million. This intervention is within priorities of Kenya's National Adaptation Plan of Action. It is expected that this project will strengthen our Meteorological Services and provide Farmer Field School approaches among other benefits.

The purpose of this correspondence is, therefore, to endorse the above mentioned project proposal with support from the Adaptation Fund. If approved, the project will be implemented by the World Meteorological Organization (WMO) with FAO and IGAD as Executing Entities.

Accept, the assurances of my highest consideration.

Yours Sincerely, *Sincerely*



**Charles T. Sunkuli**  
**Principal Secretary**  
**State Department of Environment**  
**Ministry of Environment, Natural Resources and Regional**  
**Development Authorities**

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



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

In any correspondence on  
this subject please quote No. EDP 79/251/02

THE REPUBLIC OF UGANDA

8<sup>th</sup> February 2016

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

Dear Sir,

**ENDORSEMENT FOR A REGIONAL PROJECT: AGRICULTURAL CLIMATE  
RESILIENCE ENHANCEMENT INITIATIVE (ACREI) IN ETHIOPIA, KENYA AND  
UGANDA.**

I have the honor to refer to the above mentioned subject.

In my capacity as the Designated Authority for the Adaptation Fund in Uganda, I confirm that the above Regional Proposal is an identified regional initiative to improve adaptive capacity and resilience to current climate variability and change among the targeted vulnerable smallholder farmers, agro-pastoralists and pastoralists in the Horn of Africa in line with IGAD Drought Disaster and Sustainability Initiative (IDDRSI) Programme at an estimated cost of US \$ 6.8Million.

This intervention is in line with Uganda's National Adaptation Plan of Action. It is expected that the project will strengthen our Meteorological services and provide Farmer Field School approaches among other benefits.

The Purpose of this correspondence is, therefore to endorse the above mentioned proposal with support from the Adaptation Fund. If approved, the project will be implemented by the World Meteorological Organization (WMO) with FAO and IGAD as executing Entities.

Accept the assurances of my highest consideration.

  
Keith Muhakanizi

**PERMANENT SECRETARY/ SECRETARY TO THE TREASURY**

Copies to: The Permanent Secretary, Ministry of Agriculture, Animal Industry and Fisheries.  
Entebbe, Uganda.

The Permanent Secretary, Ministry of Water and Environment.  
Kampala, Uganda.

The Executive Director, Uganda National Meteorological Authority.  
Kampala, Uganda.

*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"*