

Summary of Project/Program Concept

PILOT PROGRAM FOR CLIMATE RESILIENCE			
Summary - Project/Program Concept Note for the Use of Additional PPCR Resources			
1. Country/Region:	Zambia	2. CIF Project ID#:	XPCRZM041A
3. SPCR endorsement date:	<i>June 29th, 2011</i>		
4. Project title:	<i>Zambia Strengthen Climate Resilience (PPCR Phase II)Project</i>		
5. Type of PPCR investment	<i>Private:</i>	<i>Public: X</i>	<i>Mixed:</i>
6. Funding request (in USDmillion total) (including preparation grant):	<i>Grant: USD3 Million¹</i>	<i>Loan : -</i>	
7. Financing will be used for:	a -topping up an approved PPCR project/program		<input type="checkbox"/>
	b-topping up a PPCR project/program in preparation for Sub-Committee approval		X
	c- a new PPCR project/program		<input type="checkbox"/>
8. Implementing MDB:	<i>International Bank for Reconstruction and Development</i>		
9. National executing agency²:	<i>National Climate Change Secretariat Plot 90 Makishi-Broad Road, P.O. Box 30547 Economic Management Department Ministry of Finance, Zambia</i>		
10. MDB PPCR focal point and project/program task team leader (TTL):	<i>Headquarters-PPCR Focal Point: Kanta K. Rigaud Lead Environment Specialist and PPCR Program Coordinator</i>	<i>TTL: : Sofia Bettencourt Lead Operation Officer, Africa Region</i>	
11. Project/Program Description(including objectives and expected outcomes):			
<p>The development objective of the project is to strengthen Zambia’s institutional framework for climate resilience and improve the adaptive capacity of vulnerable communities in the Barotse sub-basin.</p> <p>The proposed project (US\$36 million) would have three components:</p> <ol style="list-style-type: none"> 1. Strategic National Program Support 2. Support to Participatory Adaptation 3. Pilot Participatory Adaptation 			

¹ The total cost of the proposed project is therefore US\$ 36 million, including US\$ 31 million in grants and US\$ 5 million in loans.

² Can be Government agency or private sector firm

Component 1 would be national in scope. Components 2 and 3 would focus on the Barotse sub-basin of the Zambezi – the pilot area for Project activities.

Component 1: Strategic National Program Support (US\$9.6 million grant). This component aims to strengthen the national institutional and financial framework for climate resilience, thus providing the umbrella for long-term transformational change in Zambia. The strengthened framework and public awareness will in turn contribute to a more effective mainstreaming of climate resilience in vulnerable economic sectors, and allow lessons learned from the field to be progressively scaled-up. It includes two sub-components:

(a) Sub-component 1.1 Institutional Support to National Climate Change Program (US\$5.8 million grant) comprising the following activities:

- (i) *Mainstreaming Climate Resilience* into key national and sectoral policies and programs, through use of screening guidelines adapted to the Zambian context;
- (ii) *Institutional strengthening*, through post-graduate and short-term training for climate change champions, knowledge sharing and upscaling of lessons learned;
- (iii) A study on *Management of External Resources and Climate Risk Financing*, to enhance Zambia's capacity to access and manage climate funds directly, and support the establishment of climate risk financing mechanisms; and
- (iv) *Incremental support to the National Climate Change Secretariat*, including technical assistance, fiduciary support, monitoring and evaluation, and incremental operating costs.

(b) Sub-component 1.2: Strengthened Climate Information (US\$3.6 million grant), providing more reliable, accessible and timely early warning and climate information to users. The project would support:

- (i) A *Social marketing awareness campaign* to promote the importance of addressing climate change risks from national to local level;
- (ii) *Strengthened early warning system* through the application of rapid communication systems between line agencies and communities in the pilot sub-basins, and establishment of a pilot open data platform to facilitate the sharing of climate risk data amongst decision makers.

Component 2: Support to Participatory Adaptation (US\$5.6 million grant). This component would strengthen the adaptive capacity of vulnerable rural communities in the Barotse sub-basin, through:

- (i) *Facilitation and strengthening of community decision-making*, through the services of experienced non-governmental organizations (NGOs), who would assist target communities in understanding and articulating climate risks, use participatory approaches to prioritizing adaptation options, preparing sub-grant proposals and implementing and monitoring the sub-grants; this would also include facilitation of community-based canal management.
- (ii) *Specialized technical assistance and training* to Western Province and district councils,

including (a) a climate risk and assessment study for the Barotse floodplain, and a plan for optimal and long-term management of the wetland; (b) technical assistance to provincial and council-level planners to incorporate climate resilience into spatial plans and regional budgets; (c) provision of experts on both structural (infrastructure) and non-structural (soft) adaptation options; (d) communication equipment and services to facilitate access (by the beneficiaries) to best practice adaptation knowledge and centers of expertise; and (e) technical assistance and workshop support to Western Province in improving the policy for, and recurrent financing of traditional canals.

(iii) *Incremental project management support* to Western Province and target councils, including in financial management, safeguards screening, monitoring and evaluation, equipment, vehicles and incremental operating costs to oversee field operations.

Component 3: Pilot Participatory Adaptation (*estimated costs US\$15.8 million grant and US\$5 million credit*). This component would fund actual participatory adaptation investments in the Barotse sub-basin. It would include two sub-components, the first focusing on investments prioritized through climate resilient planning, and the second on optimizing the climate resilience function of traditional floodplain canals:

(a) *Sub-component 3.1: Community Adaptation Sub-grants* (*US\$15.8 million grant*), would fund priority adaptation sub-projects identified through the process of climate resilient planning supported by Component 2. It would be piloted in approximately 8 districts³ and 26 wards of the Barotse sub-basin. The sub-grants could be available at the (i) district; (ii) ward; (iii) community/group; and (iv) individual innovators (champions') level, and would be disbursed directly to beneficiaries. Beneficiary proposals would have to demonstrate clear adaptation co-benefits and meet the eligibility and capacity criteria specified in the Operational Manual. The sub-projects would be largely demand-driven, but also benefit from external expertise to ensure transformational change. At the community/group level, the interventions would specifically target women-headed households, as well as households classified as very or extremely vulnerable. The project would further support (v) an Adaptation Contingency Fund to progressively reward the best performing beneficiaries, and fund additional sub-projects upon early warning of a disaster.

(b) *Sub-component 3.2. Rehabilitation and Strengthened Management of Traditional Canals* (*US\$5 million credit*). This sub-component would focus on rehabilitation and strengthened management works of about 5 priority traditional canals on the floodplain, to optimize their use in climate resilience (particularly in the management of floods and droughts). The project would fund both mechanized as well as labor-intensive (cash-for-works) activities. Self-reliance arrangements would be promoted amongst water user groups for tertiary/feeder canals, although the project could consider sub-grants to these beneficiary groups to fund tools and other required materials. Facilitation of water user groups and labor-intensive works would be done under Component 2.1. The design of the works would be done in close collaboration with traditional and local authorities to retain as much as possible their traditional structure, while optimizing their use in managing climate related stresses.

³Kazungula (Southern Province), and Kalabo, Kaoma, Lukulu, Mongu, Senanga, Sesheke and Shangambo (Western Province).

12. Activities to be financed from the additional resources:

The additional resources (US\$3 million) will be used to finance activities under Component 3.1, specifically by complementing the resources available for participatory adaptation sub-grants to pilot districts, wards, community groups and individual champions.

At the time of submission of the SPCR, the task team had only considered mainstreaming climate resilience into target districts' development plans. However, it became since clear that wards and communities in the Barotse sub-basin are widely scattered, and resilience needs also to be built at that level. Hence, the estimated allocation for Community-Based Adaptation (which had been estimated at about US\$1.1 million per target district over 3 years), has been re-estimated at about US\$1.96 million equivalent per pilot district (8 in total). This includes pilot activities in 8 districts, and 24 wards, directly reaching an estimated target beneficiary population of 130,000 (representing about 12 percent of the population of the sub-basin, and 73 percent of the population of the most vulnerable wards).

13. Briefly summarize how the proposed project/program further advances the objectives of the endorsed SPCR:

The proposed financing will support Component 3.1 "Pilot Participatory Adaptation." Since this sub-component is an integral part of the endorsed SPCR there is no deviation from the originally endorsed proposal. By allocating the additional grant fund to this component, the project will be able to reach out to a larger number of direct beneficiaries, and assist communities and wards (in addition to the districts) to integrate climate resilience into their broader development plans. This is the new basic planning process for regional development in Zambia, and thus will help to progressively align the national climate change program with Zambia's decentralization trends at the local level. It is estimated that the incremental funds will allow the project to reach an additional 24,700 beneficiaries, or an additional 4-5 very vulnerable sub-districts or wards (out of a total of 24 targeted by the project).

14. Expected Key Results from the use of the new resources

Result	Indicators (consistent with approved PPCR Results Framework)
(a) 70 % of targeted councils, wards and community groups assessed as having developed decision making capacity and applied climate information to adapt to longer-term climate change and variability	Vulnerable districts, wards and communities use improved tools, information and instruments to respond to climate change and variability. <i>(Equivalent to core indicator B.1 of the Revised PPCR Results Framework)</i>
(b) Number of direct beneficiaries (cumulative) ⁴ : <ul style="list-style-type: none"> • Total Households 4,900 • Women-headed Households 2,089 • Other vulnerable Households 2,810 • Total no. of people: 24,683 	Number of people supported directly by the project to cope with effects of climate change. <i>(Equivalent to indicator A.1.3 of the Revised PPCR Results Framework)</i>

⁴ This takes into account only the incremental direct beneficiaries covered by the additional US\$3 million. For the total project beneficiaries, see the Project Approval Request.

15. Expected Co-Financing for the project or program⁵:		
	<i>Amount (USD million):</i>	<i>Type of contribution:</i>
• Government	0.6	In-kind (staff) Cash: Operation and maintenance of canals
• Beneficiaries	0.8	In-kind
• Private Sector (AGORA)	2.4	Cash (Micro-finance)
• WorldFish	9.0	Grant (3 CGIAR projects in the Barotse sub-basin)
• Concern Worldwide	4.0	Grant (Poverty Reduction and Women Empowerment Programme in Western Province)
• Zambia Red Cross Society	1.1	Grant (Zambezi River Basin Initiative)
• Oxfam	0.3	Grant (Citizen Participation in Adaptation to Climate Change)
Co-Financing Total	18,200,000⁶	
16. Expected Project/Program Timeframe		
Expected Sub-Committee approval date ⁷ : February 25, 2013		
17. Other Information: Please refer to the Project Appraisal Document and Project Information Document		

⁵ This includes: in-kind contributions (monetary value), MDB loan or grant, parallel financing, etc.

⁶ Note: this includes only parallel financing that is directly related to Participatory Adaptation activities in the Barotse sub-basin. For co-financing for the project as a whole, see the Project Approval Request template.

⁷ Only for new projects or projects in preparation for Sub-Committee approval