

Zambia PPCR Mission Outline Notification
Second Joint Programming Mission to Support Zambia
Preparation Towards Developing the Pilot Program for Climate Resilience
Strategic Program for Climate Resilience (SPCR)
November 15-26, 2010

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Mission Dates: It is proposed that the mission take place from **November 15 to 26, 2010** under the leadership of the Government of Zambia.

Mission Objectives: To assist the Government of Zambia in developing a draft Financing Framework for Climate Resilience, integrated with the priorities of the Sixth National Development Plan and other climate change and sustainable development programs, through broad-based consultation with potentially interested partners.

As a secondary objective, the Mission would assist the Government to review the institutional, analytical and strategic progress in establishing an agreed national framework for climate change in Zambia.

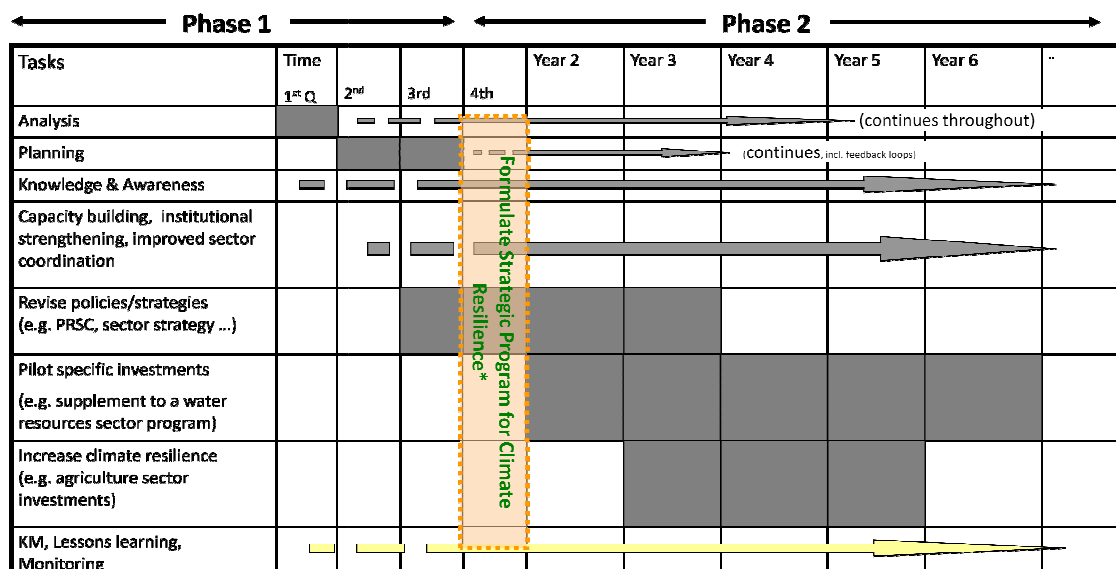
To optimize the mission time, the following documents would be provided in electronic form to interested mission participants:

1. Aide Memoire of last oversight mission for PPCR (August 2010)
2. The three nexus of PPCR (Power point presentation)
3. Operational Manual for Phase I of PPCR
4. Draft Sixth National Development Plan
5. Draft Climate Change Strategy
6. Crowdsourcing training Powerpoint presentation
7. Draft results of ongoing climate change economic study
8. Powerpoint by Lloyds Financials on Proposed Potential Structure of a Climate Resilience Fund

Background

Zambia has been selected as one of three African countries for the implementation of the Pilot Program on Climate Resilience (the other two African countries are Mozambique and Niger). The Pilot Program for Climate Resilience (PPCR) is the first Program under the Strategic Climate Fund (SCF) of the Climate Investment Funds (CIF). The objective of the PPCR is to provide incentives for scaled-up action and transformational change through pilot projects that demonstrate how to integrate climate risk and resilience into core development planning, while complementing other ongoing development activities in a given country. PPCR programs are country-led, and intended to enable pilot countries to transform country-specific plans and investment programs to address climate risks and vulnerabilities, building on National Adaptation Programs of Action (NAPAs) and other relevant country studies and strategies.

The PPCR is to be implemented in two phases: Phase I for the Formulation of Strategic Program for Climate Resilience and Phase II to integrate Climate Resilience into Core Development Plans, Budgets and Investments. The two phases could potentially overlap.



Phase I is currently ongoing – The Government of Zambia has received US\$1.5 million in Technical Assistance funds from CIF in June 2010 to mainstream climate resilience into the Sixth National Development Plan and related strategic planning, fill out analytical gaps, strengthen institutional coordination, promote awareness amongst key decision makers, and prepare a Financing Framework for Climate Resilience.

Even though funding disbursement has been slow, there has been good momentum in climate change mainstreaming and strategic and institutional development, through the combined efforts of PPCR, CCFU, DMMU and other collaborating partners. Climate change has been successfully mainstreamed into the Sixth National Development Plan (SNDP); the Ministry of Tourism, Environment and Natural Resources, through the CCFU, has helped prepare a new Climate Change strategy with broad stakeholder consultation; an economic analysis of climate change impacts is ongoing; Zambia has adopted a new Disaster Management Law, and under these reinforced institutional coordination mechanisms, DMMU has been convening regular

meetings of climate information institutions to develop a broader information and vulnerability system; crowdsourcing has made it possible to involve a variety of new partners; and, through the efforts of Ministries of Finance, Tourism, Cabinet, DMMU and many others, a growing consensus is emerging over the future institutional coordination mechanisms for climate change and disaster risk management in Zambia.

It is clearly desirable that the PPCR be integrated into a broader climate change program in Zambia, to allow the Government to optimize and leverage financing opportunities from various sources (including private sector and civil society) in a way that best meets its strategic and programmatic needs.

The purpose of the current joint mission would be for the various partners to assist the Government in mapping out their respective interest and potential alignment around the proposed strategic programmatic nexus of the PPCR, as prioritized by the SNDP. Specifically, these focus around three thematic areas: (1) Strengthened Climate Information; (2) Climate Resilient Infrastructure; and (3) Climate Resilient Agriculture (including natural resource management). A fourth, managerial group would be formed to discuss cross-cutting issues, such as institutional coordination and the potential establishment of adaptation/DRM funds.

Mission Scope of Work

Mission participants would be divided amongst four distinct thematic discussion groups:

1. Improved **Climate Information**
2. Climate Resilient **Agriculture**
3. Climate Resilient **Infrastructure**
4. **Management and Financing**

1. Strengthened Climate Information

Leads: Dr. Joseph Kanyanga, Meteorology Department
Mr. Anderson Banda, DMMU

Potential Participants: DMMU, ZMD, CCFU, UNZA, ZAWA, MACO, MEWD

World Bank/IFC (lead donors), AfDB, UN, Red Cross, Zambia Climate Change Civil Society Network, Zambian Youth Climate Change Network, WorldFish/Peace Corps, RhOK/Zabuntu, MachaWorks, Copperbelt University, Green Environmental Watch, IUCN, Panos Institute Southern Africa – and other interested partners in Climate Information Platform Crowdsourcing.

DDMU is already heading this Climate Information Group, specifically to discuss the application of geospatial data to climate information dissemination and vulnerability assessments (through a GEOSDI platform). The mission would build upon this existing effort by fostering further discussion with partners on how best to downscale climate information and transmit it reliably to users, e.g. through SMS (Esoko) and community radio networks, and how best to collect climate variability and vulnerability information from users into the national platforms – e.g. through the use of Ushahidi and other crowdsourcing platforms.

The discussions in this group should be closely steered by DDMU and ZMD, and accompanied by crowdsourcing training of partners groups interested in participating in the national platform. In particular, the training would focus on how field partners might use SMS information, Open Street Map and other GIS-based freeware to assist communities in building up participatory risk maps, sending and receiving information on early warning, and receiving more reliable information on weather forecasts. The training would be provided by Ms. Anahi Iacucci from Crisis Mappers. Crowdsourcing training would also be provided to interested partners wishing to collaborate in the Climate Resilient Agriculture nexus.

The group would also discuss required investments in equipment and the hydro-climatological network.

Finally, the group would analyze the priorities of financing under the SNDP – with a particular geographical focus on the Zambezi River Basin – and match it against the expected commitments from the various partners, identifying potential financing gaps.

An important part of the discussion would be a proposal on incremental financing – ie the proposed level of subsidy, expected cost recovery mechanisms, and sustainability that would be expected from this nexus of investment.

2. Climate Resilient Infrastructure

Leads: Dr. Michael Mulenga, RDA
Prof. F. D. Yamba, CEEZ
Prof. Lloyd Chingambo, Lloyds Financials
Paul Lupunga, Ministry of Finance and National Planning

Potential Participants: MPWS, RDA, MACO, MCT, National Council for Construction, ECZ, NEPAD, Lloyds Financials, African Credit Carbon Exchange, Millennium Challenge Account

World Bank/IFC (lead donors), AfDB, EC, JICA, DANIDA (tbc),

This component is expected to involve a large component of public private partnerships (PPPs) or a high participation of private sector partners. The group should discuss, first, any key climate resilience policies that should be promoted under the SNDP – e.g. stronger safety norms for infrastructure, bitumen heat resistance codes, etc. – and ways whereby these codes could be adopted in the near future.

Second, it should discuss how best to promote stronger maintenance of infrastructure in climate sensitive regions (with a focus on the Zambezi River Basin). In particular, the group should discuss the experience of using Output and Performance Based Transport Contracts (OPRCs) in rural roads, and how they may have shifted incentives towards better maintenance.

Third, the group should convey meetings with key private sector representatives (e.g. NEPAD) and the financial sector to discuss under which circumstances OPRCs (or similar mechanisms emphasizing stronger maintenance) and climate resilient codes would be attractive to them. Specifically, what conditions, stimulus, climate subsidy would need to be place to attract private sector interest in collaborating in climate resilience? What level of incremental financing would be optimal and acceptable to the Government, private sector and donors? How should funding be channeled? Would a fund/exchange work, or should climate resilient contracts continue to flow through sectoral programs?

Finally, the group should estimate the potential commitments from various partners (including private sector leveraged funds) and match them against priority infrastructure resilient investments, with a geographical focus on highly vulnerable areas of the Zambezi River Basin.

3. Climate Resilient Agriculture

Lead: Mr. Martin Sishekanu, MACO
Prof. Munyinda, UNZA,
Mrs. Suman Jain, UNZA
Mr. Edward Kapwepwe, Deputy Director, Economic Management, MoFNP

Potential Participants: MACO, MTENR, MLGH, DDMU, MOH

AfDB (lead donor), IFC, World Bank, UN, Global Mechanism, DfID, Norway, Finland, MCC, Red Cross, UNZA, Pelum, World Fish, Climate Change Civil Society Network, Profit Zambia, African Carbon Credit Exchange, Lloyds Financials.

This component aims to strengthen the adaptive capacity and livelihood in agriculture, fisheries, livestock, natural resources and natural ecosystems in the most affected areas of the Zambezi River Basin, focusing on sustainable agriculture production and natural ecosystems' outcomes.

The discussion group would work, first, in defining the priority areas for intervention, building as much as possible on existing programs. The PPCR should be seen only as one of the contributing partners – the idea is that the Government program be much larger and composed of the coordinated interventions of partners in a high priority geographical area (the Zambezi River Basin). Thus, if the Red Cross was working on a given sub-basin, and there were advantages in combining it with DDMUs, MACO or MTENR's program, this should be further promoted, but with a view to mapping out an integrated program where partners would regularly be kept informed of who worked where when, and at what cost – thus maximizing opportunities for synergies.

Secondly, the group would make a list of existing programs and potential commitments from the various partners. It would then attempt to match it against the climate resilient priorities of the SNDP, and identify any missing geographical and financing gaps.

Because of the easy trade-offs with ODA, it would be particularly important for this group to try to define a fair rate of incrementality, i.e what should be eligible for climate resilient financing (as grant) and what should be part of normal ODA. Climate financing should not simply be seen as an

easy source of fulfillment of financial shortfalls because of the dangers that it will replace ODA for which Zambia would be normally eligible.

4. Management and Financing

Leads: David Kaluba, Ministry of Finance and National Planning
Prof. Lloyd Chingambo, Lloyds Financials
Mr. Shitima Mwepya, CCFU
Mr. Simon M. Kayekesi, MoFNP

Participants: Management Team (Team Leaders of participating partners in the mission)

This group would discuss key cross-cutting issues relevant to the management and financing of a future climate resilience program. Based on the extensive institutional discussions that have already taken place in Zambia (in the context of the Climate Change Strategy and others) it would formulate recommendations on how best to integrate PPCR and other climate change/DRM financing into a future institutional framework, which would optimize institutional capacity, maximize resources, and achieve maximum impact. It is critically important that the group take the ongoing national consultations and high level decision making as the basis for these recommendations, with the proviso that ultimate decisions must rest with the Government of Zambia.

The group would also examine the potential, merits and mechanisms for Zambia to establish pooled climate change funds to combine several windows of financing to which it may be eligible (including potentially PPCR funds), and thereby leverage other funding – e.g. private financing in the form of PPPs for climate resilient investments.

Thirdly, the group would examine any other cross-cutting functions that a national program should support, besides from direct field investments – such as capacity building, policy and strategy, and awareness.

[The list of key stakeholders in the PPCR/Climate Resilient Process is included as Annex A.](#)

Mission Outcomes

The mission outcomes will be:

- (a) a brief Aide Memoire summarizing the conclusions of the four groups and process followed during the Joint Mission;
- (b) a draft Financing Framework summarizing the interest and potential commitments of partners to the climate resilient program.

Mission Schedule

See the proposed calendar in the adjoining page (Table A).

TABLE A. MISSION CALENDAR							
	Monday 15	Tuesday 16	Wednesday 17	Thursday 18	Friday 19	Saturday 20	Sunday 21
AM	Mission Internal Briefing Meeting with PS of Finance	Group 1: Climate Information Group 2: Infrastructure Group 3: Agriculture	Group 1 Group 2 Group 3 (Cont'd)	Field Trip Zambezi Basin	Field Trip Zambezi Basin	Field Trip Zambezi Basin	Free
PM	Participation of Management and Financing Team on CC Strategy Stakeholder Consultations	Plan for field visit	Management and Financing Team				

	Monday 22	Tuesday 23	Wednesday 24	Thursday 25	Friday 26	Saturday 27	Sunday 28
AM	CROWDSOURCING TRAINING WORKSHOP DAY 1	CROWDSOURCING TRAINING WORKSHOP DAY 2	Group 1 Group 2 Group 3 (Cont'd)	Write Up Management and Financing Team	Write Up	Aide Memoire	
PM			Management and Financing Team Write-up	Write Up	Informal wrap-up with MoFNP		

	Monday 29	Tuesday 30
AM		
PM	Finalize Aide Memoire	Signature Aide Memoire

Table B. Mission Members and Description of Individual Duties

Agency	Name	Expertise	Contributions to mission outputs
Key Mission Members – Zambia			
MoFNP	Ms Monde Sitwala	Acting Director Economic Management Department	Jointly coordinate and lead mission activities. Strategic and institutional directions to mission
MoFNP	Mr. Edward Kapwepwe	Deputy Director, Economic Management Department	Provide strategic guidance on GRZ's SNDP aspirations on the agriculture nexus
MoFNP	David Kaluba	Co-Mission Leader (Government) Principal Economist	Principal mission coordinator on behalf of GRZ. Provide strategic guidance and review all strategic inputs to mission documents.
MoFNP	Paul Lupunga	Chief Economist	Support coordination and mission leadership. Strategic and Institutional directions to mission. Review Financing framework and provide guidance to mission.
MoFPN	Francis Mpampi	Principal Planner	Review mainstreamed sectors of the SNDP and guide mission on strategic design needs.
MTENR/CCFU	Mr. Shitima Mwepya	CCFU	Review proposed management arrangements for consistency with CC Strategy
ZMD	Dr. Joseph Kanyanga	Chief Meteorologist (Representing Global Mechanism)	Lead Climate Information Nexus (jointly with DMMU)
DMMU	Mr. Anderson Banda	Head, Information Management Systems	Lead Climate Information Nexus (jointly with ZMD); ensure proposed management and crowdsourcing arrangements are harmonized and complementary with national vulnerability and climate information system
CEEEZ	Prof. F. D. Yamba	Climate Change Specialist	Complementarity in issues of climate change and vulnerability; Advise on Climate Resilient Infrastructure
MTENR/CCFU	Prof. Jain	Climate Change Specialist	Ensure complementarity with CCFU activities
RDA	Dr. Michael Mulenga	Transport/Infrastructure Specialist	Lead Climate Resilient Infrastructure Nexus
MACO	Dr. Martin Sishekanu	Agronomist	Lead Resilient Agriculture Nexus
Lloyds Financials	Prof. Lloyd Chingambo	CEO	Lead discussions on financing options
UNZA	Prof. Munyinda	Prof. of Agriculture	Advise on discussions of agriculture nexus
UNZA	Mrs. Suman Jain	Prof. of Applied Mathematics	Participate in discussions on analytical gaps, climate information needs (UNZA contribution)
Copperbelt University	Prof. Mitulo Silengo	Director, Disaster Management Training Center	Participate in discussion on climate information crowdsourcing (Copperbelt U. contribution)
Zambia CC Civil Society Network	David Ngwenyama	Director	Civil Society Network contribution to Awareness, Climate Information and Agriculture Nexus
Zambia Youth Civil Society Network	Abel Musumali	Director	Youth Network contribution to climate information nexus
Zambia Youth Civil Society Network	Maarten Elffers	Information Advisor	Advise on Climate Information discussions

Africa Carbon Credit Exchange	Sabera Khan	Acting CEO	Climate Information Nexus and Potential index-weather Insurance (Agriculture nexus discussions)
IBRD			
	Sofia Bettencourt	Co-Mission Leader (World Bank) Adaptation and DRM Expert	Jointly coordinate and lead mission activities. Participate in Management/Financing and key meetings of other nexus. Consolidate inputs into Financing Framework (with Kisa).
	Ian Noble	Lead Adaptation Specialist	Discuss analytical gaps with CCFU, UNZA, and other key experts. Discuss harmonized financing prospects with MoFNP
	Anahi Iacucci	Crowdsourcing Specialist	Provide Specialized training and advice in Crowdsourcing. Help organize the RHoK
	Hellen Mungaila	Team Assistant	Assist mission in logistical backup, mission preparation, documentation and field mission preparation
	Jumbe Ngoma	Civil Society/Media Specialist	Ensure the appropriate engagement and feedback of key civil society and media representatives during the mission.
	Alex Mwanakasale	Agriculture Specialist	Participate in the agriculture nexus discussions
	Marcus Wishart	Water Resources Specialist	Review issues in the climate information nexus
	Jean-Michel Pavy	Senior Environmental Specialist	Development partners and sectoral background
African Development Bank			
	Hang Shalaby	Co-Mission Leader (African Development Bank)/ Environmentalist	Jointly coordinate and lead mission activities. Consolidate mission inputs into Aide Memoire. Participate in the Management/Financing and key meetings of the Agriculture nexus.
	Kisa Ilava Mfalila	Environmental Specialist	Consolidate the financing framework for SPCR (with Sofia). Participate in key meetings of the Climate Information Nexus.
	Lewis Bangwe	Agriculture Specialist	Help lead discussions on the Agriculture Resilient Nexus.
International Finance Corporation			
	Paul Kirai	Co-Mission Leader (IFC) Climate Change Specialist	IFC Advisory Services input to mission. Participate in Management/Financing and private-sector related discussions of three nexus, with particular focus on SMS-Esoko transmission (Climate Information), PPPs (Infrastructure) and Index Weather Insurance (Agriculture nexus)
	Chabir Hassam	Climate Change Specialist	TBC
	Siobhan Franklin		Participate in discussions with private sector on Agriculture nexus
UNDP			
	Georgina Fekete	Co-Mission Leader (UNDP) Deputy Country Director	Coordination of UNDP Team (part-time)

	Winnie Musonda	Assistant Resident Representative and Environmental Advisor	Participate in Management/Financing and Agriculture nexus discussions. Ensure close coordination with CCFU and CC program priorities. Help consolidate inputs into financing framework (with Kisa and Sofia).
	Katri Kallio Koski	Programme Officer	Participate in key discussions, ensuring close coordination with CC Strategy and CCFU priorities
DFID			
	Vicky Seymour	Climate Change Specialist	Participate in Management/Financing and key nexus discussions. Ensure that financing framework is coherent with emerging climate change program and consistent with CIF directions.
	Kelley Toole	Vulnerability and Social Protection	Participate in key meetings of Crowdsharing platform discussions (Climate Information and Agriculture) to ensure sound potential involvement of program partners in participatory vulnerability mapping
WFP			
	Pablo Recalde	Representative and Country Director	Participate in Management/Financing and Climate Information nexus discussions to ensure consistency with UNDAF Climate Change Strategy and WFP's assistance to DDMU Information Platform.
UN Global Mechanism			
	Elsie Attafuah	Director	Participate in Management/Financing and Agriculture Nexus discussions to ensure consistency with Global Mechanism's Integrated Financing Strategy for Land Management in Zambia
Red Cross			
	Charles Mushitu	Director, Zambia Red Cross Society	Participate in key discussions on Climate Information and Agriculture nexus to coordinate PPCR activities with Zambezi River Basin Initiative. Organize crowdsourcing training on demand for Red Cross field staff
WorldFish			
	Simon Heck	Country Manager	Participate in key discussions on climate information and agriculture nexus to coordinate activities with potential WorldFish/Peace Corps activities in the Zambezi Basin. Organize crowdsourcing training on demand for Peace Corps and field volunteers
Norway			
	Trond Lovdal	First Secretary (Environment)	Participate in key discussions on Management and Financing
	Jan Erik Studsrod	Agriculture Expert	Participate in key discussions on Agriculture Nexus

Annex A. List of Potential Interested Stakeholders on Climate Resilience Financing

in Zambia

Government of Zambia:

Ministry of Finance and National Planning

Ministry of Tourism, Environment and Natural Resources:

Climate Change Facilitation Unit

Environment Department

Forestry Department

Environment Council of Zambia

Zambia Wildlife Authority

Office of the Vice President (Disaster Management and Mitigation Unit)

Policy Analysis and Coordination Division (Cabinet Office)

Ministry of Agriculture

Department of Agriculture

Department of Irrigation

Ministry of Energy and Water Development

Department of Water

Department of Energy

Department of Planning

Ministry of Health

Ministry of Commerce, Trade and Industry

Private Sector Development Programme

Zambia Development Agency

National Food and Nutrition Commission

Ministry of Local Government/Decentralization Secretariat

Ministry of Science, Technology and Vocational Training – Department of Science and Technology

Ministry of Communication and Transport

Zambia Meteorological Department

Ministry of Works and Supply

Buildings Department

Roads Development Agency

National Council for Construction

Ministry of Mines and Minerals Development

Ministry of Community Development and Social Services

Ministry of Education

Zambezi River Authority

University of Zambia

Copperbelt University of Zambia

Private Sector:

Lloyds Financials

Profit Zambia

African Carbon Credit Exchange

NEPAD

Chamber of Commerce and Industry

Zambia Federation of Employees

Association of Consulting Engineers

Economics Association of Zambia

PricewaterhouseCoopers
Chamber of Mines
Green Knowledge Institute
Google
NASA

Civil Society:

Zambia Civil Society Climate Change Network
Zambia Youth Climate Change Network
Zambia Red Cross Society
Green Environmental Watch
Zabuntu
MachaWorks
Panos Institute Southern Africa
Pelum Participatory and Ecological Land Use Management
Zambia Land Alliance
Munda Wanga Environmental Park
Green Living Movement
Zambia Ornithological Society
Jesuit Center for Theological Reflection
Energy and Environment Concerns of Zambia
Peace Parks Foundation
MDG Campaign

Development Partners

Cooperating Partner Group on Environment
World Bank/GFDRR
African Development Bank
International Finance Corporation
United Nations Development Programme
UK Department for International Development
World Food Program
UN Global Mechanism
Millenium Challenge Account – Zambia
COMESA
World Fish Center
IUCN
Norway
Finland