



African Water Facility
Facilité africaine de l'eau
Mobilising Resources for Water in Africa
Mobiliser des ressources pour l'eau en Afrique



CRIDF

**AFRICA
CLIMATE
CHANGE
FUND**



a water secure world

Africa Water Investment Programme (AIP)

**Portfolio of water project ideas in Africa for the
Green Climate Fund**

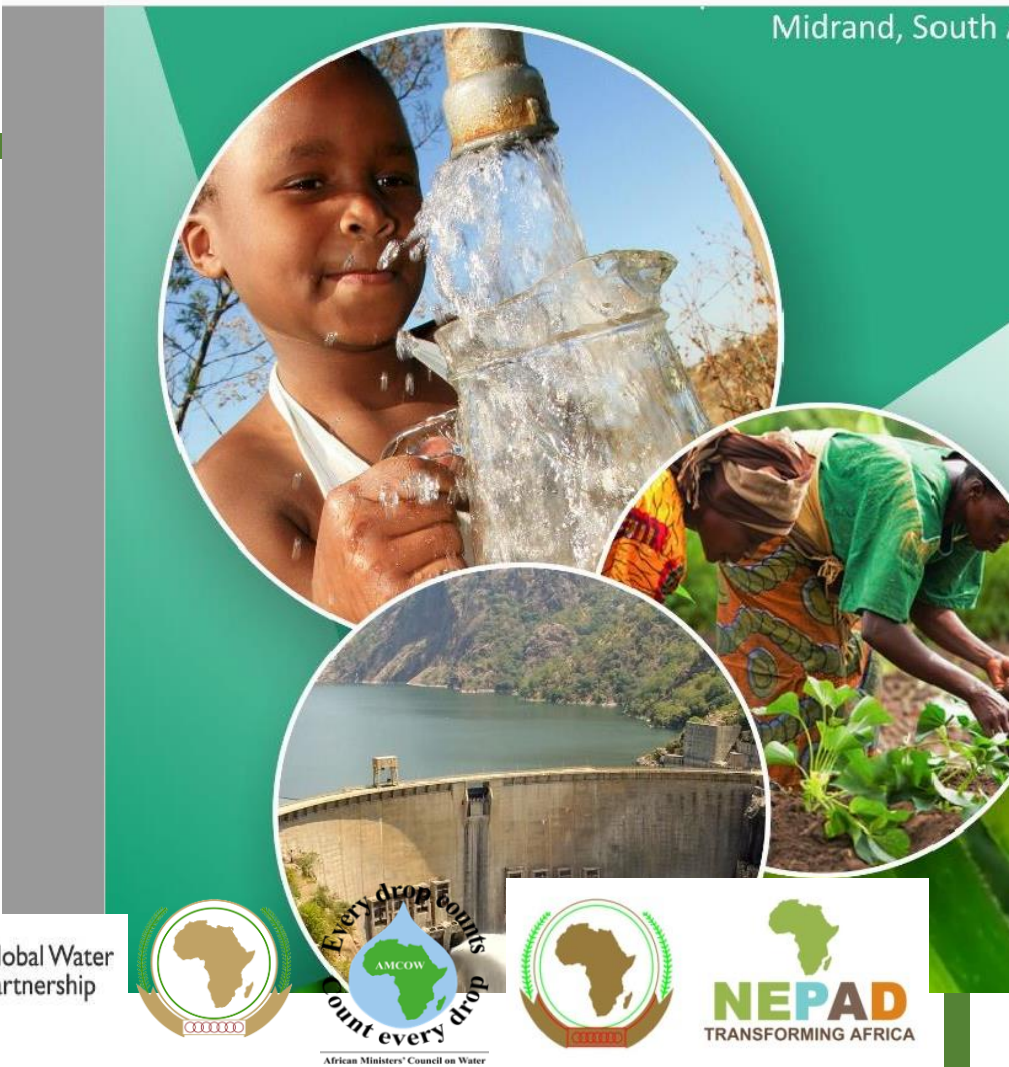
Workshop expected outcomes

**Alex Simalabwi-GWPSA Executive Secretary/Head
Africa Coordination**

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Transformational Climate Resilience Water Project Concepts in Africa

39 Project Ideas from 20 countries assessed against GCF Investment



39 Project Ideas from 20 countries assessed against GCF Investment Criteria & Climate Rationale

Six GCF Investment Criteria						
Climate Rationale	E.1. Impact Potential	E.2. Paradigm Shift Potential	E.3. Sustainable Development Potential	E.4. Needs of the Recipient	E.5. Country Ownership	E.6. Efficiency Effectiveness
	Potential of the project/programme to contribute to the achievement of the Fund's objectives and result areas	Degree to which the proposed activity can catalyze impact beyond a one-off project/programme investment	Wider benefits and priorities	Vulnerability and financing needs of the beneficiary country and population	Beneficiary country (ies) ownership of, and capacity to implement, a funded project or programme	Economic and, if appropriate, financial soundness of the project/programme



Additionality unclear, intervention rationale can be improved

1. In many of the proposed projects, the additionality of the project is not clear.

Additionality refers to the additional costs incurred as a result of climate change. For example, if climate change is expected to result in sea level rise that is 1 metre above the historical average, and if coastal defences need to be raised, GCF would want to finance the raising of these coastal defences by 1 metre. The remaining construction costs would be deemed baseline development.

2. Many projects link intervention rationale to climate change impacts.

However, this needs to be described explicitly. A clear Theory of Change must come out of the project description.



Paradigm shift potential weak; research/capacity development inadequate

3. Paradigm shift potential needs to be thought through.

How many times the project can be replicated (without GCF funds). What additional activities are required to ensure such replication? A clear upscaling/mainstreaming strategy is critical and should be thought through during further concept development.

4. Some projects focussed solely on research/capacity development.

The impacts of these are difficult to measure. We would recommend bundling such activities with suitable activities focussed on improving adaptive capacity on the ground



Strong climate rationale a must

- Credible science, robust assessment of impacts and disaster risks (IPCC)
- A set of optimal interventions that comprehensively addresses underlying climate risks
- Integrating interventions into decision-making for long-term low-emission climate resilient development



Southern Africa-13 Project Ideas

Southern Africa sub-region

1	Angola	Building Resilience for the Climate Change Affected Communities in the Southern part of Angola through Remote Sense mapping of Deep Aquifers
2	Botswana	Molepolole and Kanye North South Carrier Connection
3	Botswana	Stormwater Harvesting/rainwater harvesting facility
4	Eswatini	Building Rural Community Resilience To Climate Change Through Improved Adaptable WASH Services In The Lubombo And Shiselweni Regions, Swaziland
5	Eswatini	Disaster Management: Upgrading and installation of real-time river monitoring equipment and River Gauging Stations re-calibration (weir infrastructure) and Water Accounting of National Water Resources (surface and Groundwater) through volumetric water metering devices and establishment of a Water Control Room
6	Eswatini	Isilele Dam
7	Eswatini	Raising of the Hawane Dam on the Mbuluzi River
8	Lesotho	Integrated catchment management
9	Madagascar	Project to Increase Resilience in southern Madagascar facing change climatic : The Southern Madagascar is particularly affected by climate change area with recurring droughts
10	Malawi	Integrated watershed management and conservation in addressing climate change impacts on rural communities
11	Namibia	Water Banking for Resilience to Climate Variability in Windhoek and Central Areas of Namibia
12	Zambia	Climate-proofed Water Supply and Sanitation for Livingstone, Zambia
13	Zambia	Catchment restoration for climate resilient water resource management in Eastern Province

Eastern Africa-13 Project Ideas

1.	Ethiopia	Climate Resilient Water Supply Project in Drought Prone Areas of Ethiopia
2	Rwanda	Improving Water Security in Rwanda through Rainwater Harvesting
3	Rwanda	Climate-smart Storm-water Management and Drainage Initiative in secondary cities
4	Rwanda	Climate-smart Storm-water Management and Drainage Initiative in the City of Kigali
5	Rwanda	Volcanoes Area Flood Management
6	Uganda	Sustainable Utilization of Fecal matter.
7	Uganda	Development and Management of Green Technologies for Sustainable Utilization of Multipurpose Water storage structures
8	Uganda	Applied Research and Capacity Building for Climate Change Proofing in Uganda
9	Uganda	Climate Resilient Highway Public Sanitation and Hygiene Facilities
10	Uganda	Climate Resilient Institutional and Public Sanitation Project in Cholera Prone Districts
11	Uganda	Building Catchment Based Sustainable Water Supply Systems (2)
12	Uganda	Sustainable Water Initiative for Drought Prone and Refugee Hosting Districts through Green Energy
13	Uganda	Climate Smart Water Supply and Sanitation Systems

West Africa-8 Project Ideas

West Africa sub-region

1.	Burkina Faso	Improvement the joint management of transboundary water resources of the basin Nakambé
2	Burkina Faso	Research development in the field of water
3	Burkina Faso	Resilience Building Program for Improving Water Security in Burkina Faso
4	Ghana	Developing groundwater resources for climate-resilient irrigation and socioeconomic development activities in Northern Ghana
5	Mali	Strengthening Drinking Water Supply and Control of Waterborne Diseases in the Sourou Basin in Mali (PR-AEP / LCMH)
6	Mali	Mobilization and Integrated Management of non-perennial surface waters in the circles of Kayes, Yelimané and Nioro.
7	Senegal	Typha Fuel and Construction in West Africa (TyCCAO) - Part SENEGAL
8	Senegal	Upscaling "Naatangue" integrated family farms and village for a resilient agriculture



North Africa-3 Project Ideas

North Africa sub-region

1.	Morocco	Climate Change Adaptation Project in the Mountain Areas of Kenifra Province
2	Morocco	Strengthening the Resilience of Pastoral Ecosystems and Animal Production Systems in the Oriental Highlands.
3	Tunisia	Water, Energy and Food Nexus Approach to address Climate Change impacts in central Tunisia



Central Africa-2 Project Ideas

Central Africa sub-region

1.	Cameroon	Sustainable Management of Water Resources in Cameroon
2	Sao Tome	Studies of Front - Project Summary and Pre - Project Details for Supply Water Drinking and Sanitation danas rural areas





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Global Water Partnership

Africa Water Investment Programme (AIP)

Technical Workshop on Project Preparation

Transformational Climate Resilience Water Project Concepts in Africa for the Green Climate Fund

Workshop Expected outcomes

1. Enhanced understanding of the GCF impact criteria, operational modalities and procedures
2. Clear understanding of GCF investment criteria, finance instruments and concrete steps needed to prepare strong water-related adaptation project proposals
3. Methodologies understood for articulating climate rationale and estimating incremental costs of climate-proofing water-related investments
4. Enhanced understanding of the roles and responsibilities of all parties involved throughout the project cycle
5. Identification of potential GCF project concepts and launch of post-workshop support mechanism
6. Launch of the – Project Preparation Partnership for Climate Resilient GCF Water Investments in Africa