

# 2015 Board Presentation: Multi-country Programme on Climate Information for Resilient Development and Adaptation to Climate Change in Africa (CIRDA)

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Kampala, Uganda 5 March, 2015



## **CIRDA** Objectives

General: Support national climate services in their efforts to collect, analyse and disseminate climate information for long term planning and adaptation.

#### **Specific Objectives:**

- Meet the need to generate, process and disseminate high quality and timely weather and climate data that is comprehensive, reliable, accessible and in a form that end users can understand and apply
- Enable vulnerable communities, farmers and policymakers to access and use climate data to make informed decisions to respond to a changing climate
- Bring innovative, reliable, low cost, easily maintained technologies with national coverage and cellular links to hydromet agencies
- Engage private sector users of weather data as partners to ensure the sustainability of improved weather observation systems
- Impact human lives, food and global security

## Approved CIRDA Programmes 2014



Resilient nations.

#### **Events (workshops and trainings)**

- Launch Workshop (Ethiopia, April 2014)
- Technology Exposition (Ethiopia, April 2014)
- Training on Data Use and Interpretation (Tanzania, October 2014)

#### Regional/Multi-country Support

- MoU with BoM PSO to support in the procurement of technologies and services
- Hiring Experts on Meteorology and Innovative Technologies to provide ongoing support and advise to countries, including at least 4 <u>country visits</u> and support at the national level
- Market studies to be commissioned on private sector linkages and end user needs
- Consulting services on data analysis and interpretation for long term decision planning to government decision makers
- Data Digitization (first step: survey to identify countries that need this service)

#### **Communication Platforms**

- Regular newsletters to engage country stakeholders and provide expert advise
- Blog and website to communicate information and best practices

## CIRDA Support Provided 2014



#### Expert Support

- Provided ongoing specialized assistance to CIRDA partner countries on Meteorology Climate Monitoring and Forecasting, Innovative Technologies, and Private Sector Engagement- 4 country missions were completed
- Assessed through a survey country needs for data digitization
- Organized 2 successful workshops to introduce the Programme and provide training on a systems approach in the design of observation networks

#### Technology Transfer

- Held a Technology Exposition to introduce innovative technologies to partner countries
- Established a collaboration framework with UNDP's Procurement Support Unit (BoM) to support the acquisition of weather, climate and hydrological monitoring infrastructure and innovative technologies
- Provided in depth guidance to partner countries in preparation of national procurement plans and through the development of LTA's with key technology providers

#### Strategic Partnerships

- Initial outreach to mobile phone companies, technology providers, financial sector and other potential partners
- Participated and provided support to a meeting with international development agencies working with African countries in developing weather, climate and hydrology related early warning systems
- Communication out reach through Programme blog and webpage

## Overview 2015 Annual Workplan



Outcome 1: Enhanced capacity to monitor and forecast extreme weather, hydrology and climate change

Deployment of experts to all partner countries for on the ground training (technologies, hydromet and forecasting)- 4 country support consultants

Ongoing high level expert support on alternative technologies and meteorology- 2 CTAs

Support for developing national procurement plans, identifying appropriate technology, developing tech maintenance plans and vetting vendors- workshop and PSO support

Assistance to participate with sister school programs for local capacity building and installation of AWS (on-demand)

Outcome 2: Efficient and effective use of climate/weather information for generating EWS and supporting long-term development and adaptation plans

Technical support for the digitization of existing climate data

Training workshop on communication and app development

Market study on the marketable potential of climate/weather information and its revenue generating capacity to NHMS

Development of a private sector strategy with key recommendations and support to partner countries





EXPECTED OUTPUTS	PLANNED ACTIVITIES	TIMEFRAM E									
And baseline, associated indicators and annual targets	List activity results and associated actions	Q1	Q2	Q3	Q4	Agency	Funding Source	Cash Transfer Modality	Budget Description	Amount Budgeted Before Adjustment	
Dutcome 1: Enhanced capacity to monitor and forecast extreme weather, hydrology and climate hange											
Output 1.1:	utput 1.1: Activity Result 1.1: Availability of Procurement Services										
Key national stakeholders in each country implementing CI/EWS projects are trained on installation, as well as the operation and maintenance of weather, climate and hydrological monitoring and forecasting equipment (including telecommunications and data archiving facilities), ensuring their compatibility with other ongoing initiatives such as those financed by WMO, GFDRR and PPCR and others.	Action 1.1.1: MOU with BoMPSO drafted and approved	х	х	х	х	UNDP	LDCF	Direct Payment	71200 International Consultants	\$43,500	
support for 10 participant countries: 0% Indicator: Approved procurement contracts Annual Target: 2-3 contracts (or 20-30%) Related One Programme Key Action: Collaboration and agreement with BoM	educational institutes on best practices on weather forecasting and measuring using cost effective weather stations and rain gauges	X	X	х	Х	UNDP	LDCF	PO	71200 International Consultants	\$5,000 \$48,500	
	Total Output 1.1										



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Output 1.2:	Activity Result 1.2: Expanded t	he existing co	mmunication	platform to pr	omote the co	mmunication s	sharing of bes	t practices		
Best practices, data and information are shared between countries to enhance country level capabilities to monitor and forecast weather, climate and hydrology, including recommendations and plans of where new equipment can be optimally deployed for regional coverage and scientific advice  Baseline: 1 communication platforms (website and blog), 3 news letters  Indicator: = communication platforms (blog, web site), = communication materials , communication platform (website and blog), 6  Annual Target: 1 communication platform (website and blog), 6 newsletters, 3 communication materials to share best practices	communication materials to share best practices and strengthen existing communication channels	x x x	x x x	x x x	x x	UNDP UNDP UNDP	LDCF LDCF LDCF	PO PO PO	71200International Consultants  71600 Travel  74200- Audio visual and Printing Production Costs	\$45,000 \$10,000 \$15,000
Related One Programme Key Action:	Total Output 1.2									
Output 1.3;	Activity Result 1.3	Technical s	upport and o	n the ground	training to	partner coun	tries			
Technical guidance and training	Activity 1.3.1 Missions to partner countries to provide on the ground expert training		x	x	x	UNDP	LDCF	PO	71200 International Consultants	\$200,000
delivered to each participating country on the selection and			×	×	×	UNDP	LDCF	РО	71600 Travel	\$60,000
identification of cost-effective technologies, including the potential cost-benefits of operating and		x	x	х	х	UNDP	LDCF	PO	61300 - Salary and post adjustment cost - IP staff	\$166,000
maintaining these technologies.	Activity 1.3.2 High level technical support on identifying	x	x	x	x	UNDP	LDCF	РО	71200 International Consultants	\$95,000
Baseline: 2 national training missions 0 vetted procurement plans that include non traditional	appropriate alternative technologies, support includes technical vetting and assistance of national procurement plans	x	×	×	×	UNDP	LDCF	PO	71600 Travel	\$16,000
cost-effectve technologies	Activity 1.3.3 High level	x	x	x	x	UNDP	LDCF	РО	71200 International Consultants	\$110,000
Indicator: = national training missions, = vetted procurement plans that include non traditional cost effective technologies	technical support on alternative methods for forecasting and monitoring climate and weather								71600 Travel	\$12,000
Annual Target: 9 national training missions, 3 procurement plans that included nos traditional cost effective technologies	Total Output 1 3									\$659,000
Total Outcome 1										\$777,500



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Outcome 2: Efficient and effective use of hydro-meteorological information for generating early warnings and supporting long-term development plans and adaptation to climate change

Output 2.1:	Activity Result 2.1	Training pro	vided to enh	nance the cap	pacities of M	et Agencie:	s on interpre	etation and p	rocessing of climate data	
Best practices are shared between countries to enhance country-level capabilities to produce tailored products, warnings and communicate advisories/warnings, including advice on using scientifically robust information	weather and climate information			x	x	UNDP	LDCF	РО	71600 - Travel	\$90,000
from other countries/international centers.				х	х	UNDP	LDCF	РО	75700 Workshop Seminars and Trainings	\$21,000
Indicator:				Х	Х	UNDP	LDCF	PO	72500 Supplies	\$500
Number of Met Office staff trained		х	х	Х	Х	UNDP	LDCF	РО	71200 - International Consultants	\$90,000
				х	х	UNDP	LDCF	РО	74200 Audio Visual and printing production costs	\$8,000
Annual Target: 30										
Related One Programme Key Action:										
	Total Output 2.1									\$209,500
Output 2.2	Activity Result 2.2: Assesment	of existing r	national capa	cities includ	ing digitizati	on of past o	limate data			
Effective communication and use of climate information and early warnings is supported through developing and testing the uptake of new products and visualization techniques, through multiple-media in collaboration with country-specific teams.	Action 2.2.1 M and E Analyisis		x	x	x	UNDP	LDCF	PO	71200 - International Consultants	45,000
Indicator: # of studies Baseline: 0 Annual Target: 2	Action 2.2.2 Assesment and enhancement of national capacities to digitizing existing climate data to facilitate forecasting and development of new products		х	х	х	UNDP	LDCF	PO	71200 - International Consultants	55,000
	Total Output 2.2									\$100,000





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Output 2.3:	Activity Result 2.3: Private sec	tor strategy	developed a	nd alternate	sources of t	funding ind	etified			
Country teams are supported to identify		Х	Х			UNDP	LDCF	PO	76100 - Travel	\$90,000
Iternative revenue streams, donor	Action 2.3.1 Regional training	х	х			UNDP	LDCF	PO	75700 Workshop Seminars and Trainings	\$21,000
support the long-term sustainability of	f workshop of private sector	х	х			UNDP	LDCF	PO	74200 Audio Visual and printing production costs	\$8,000
ntrastructure and services.	engagement	х	Х			UNDP	LDCF	PO	72500 Supplies	\$500
		х	х	х	х	UNDP	LDCF	PO	71200 International Consultants	\$30,000
selected donor of	Action 2.3.2 Missions to selected donor countries (treasury, FA, bilateral offices)		х	Х	х	UNDP	LDCF	РО	71600- Travel	\$10,000
	and high profile events	х	х	х	х	UNDP	LDCF	РО	61300 - Salary and post adjustment cost - IP staff	\$165,430
	Action 2.3.3 Side events and outreach at high profile and	х	х	х	х	UNDP	LDCF	PO	71600 - Travel	\$8,000
ра	partner event to promote the programme and its objectives								75700 Workshop Seminars and Trainings	\$3,000
nnual Target: 3 partnerships in CIRDA countries									74200 Audio Visual and printing production costs	\$3,000
	Action 2.3.4 Market study of the potentatial value of climate and weather information and its capacity to create revenue to NHMS services		х			UNDP	LDCF	РО	71200 International Consultants	\$30,000
	Action 2.3.5 Development of a private sector strategy with key	х	х	х	х	UNDP	LDCF	РО	71200- International Consultants	\$90,000
Related One Programme Key	recommendations and support to partner countries	x	Х	X	х	UNDP	LDCF	РО	71600- Travel	\$30,000
· · · · · · · · · · · · · · · · · · ·	Total Output 2.3									\$488,930
Total Outcome 2										\$798,430



	Salaries for project manager	Х	Х	Х	Х	UNDP	LDCF	PO	61300 - Salary and post adjustment cost - IP staff	\$9,930
Programme Management	Procurement Support	Х	Х	Х	Х	UNDP	LDCF	PO	61200 - Salary support costs- support staff	\$15,000
	Project Suppor Officer	χ	χ	χ	Х	UNDP	LDCF	PO	71200 International Consultants	\$30,000
	Communications and audio visuals		Х	Х	Х	UNDP	LDCF	PO	72400 - Communication and Audio Visual Equipment	\$5,000
	Rental cost of premises(HQ)	X	Х	Х	Х	UNDP	LDCF	PO	73100 - Rental and Maintenance - Premises	\$15,600
	Cost recovery					UNDP	LDCF	PO	73500 - Reimbursable support costs	\$16,325
	Total project management cos	ts (PMC)								\$91,855
TOTAL BUDGET										\$1,667,785

## Request to the Board



Approval of the 2015 Annual Workplan

Input and Advice



## Thank you

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www.undp-alm/porjects/cirda www.undp-cirda.blogspot.com