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DRAFT AGENDA

CIRDA Workshop

Building a sustainable climate change adaptation and economic development plan: Creating Value Added Weather and Climate Services through Innovative Public Private Partnerships

Kampala, Uganda, March 3-5, 2015

Workshop Overview

Climate change, including related shocks to the economy, vulnerable populations, ecosystems and infrastructure, threaten hard fought gains in development and poverty alleviation. Integrated responses including adapting to climate change, along with other baseline development solutions are essential for promoting long term sustainable development.

For countries to implement comprehensive risk management solutions in the context of both climate and non-climate stresses, it is critical that there is reliable and timely climate and weather information that can be translated into actionable results. For this to happen, it is necessary that the institutions responsible for generating the requisite data have not only access to modern weather observation equipment, but most importantly can maintain these systems over time – i.e., they must be financially and operationally viable given the constraints of public funding. At the same time, sectors important for development including agriculture, energy, transportation, telecommunications, and financial services are often meeting their needs for weather information less effectively and at higher cost than could be achieved by modernized public met services. New opportunities to connect met agencies with these diverse interests are also becoming possible based on innovative new technologies, use of cellular phone and other means of communication, and centralized, high-speed data processing.

This workshop will explore options for countries to benefit from these new opportunities to improve their weather and climate information services through public and private partnerships. These include weather information for farmers and utilities, storm warnings for aviation and fisheries, and disaster preparedness for communities, among others.

Sessions will cover diverse topics including the potential for generating revenue to support the sustainability of weather services including opportunities for collaboration with mobile phone companies, and examples of public-private partnerships to improve delivery of public services in Africa. Some of the challenges to these new models, including how to incorporate business development functions within national meteorological offices and legal issues related to retention of revenue, will also be explored during the workshop.

Ample time will be provided for interactive discussion and spaces will be presented for met office officials to engage with representatives from telecommunications companies, technology providers, the financial sector and other businesses and NGOs interested in access to higher quality weather and climate information. The goal is to open a dialogue with potential partners that could enable countries to explore opportunities to modernize their weather and climate observation systems and promote economic development while supporting local level adaptation decisions and the national development plan (NAP) process.



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Monday, March 2, 2015

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| 18:00- 20:00 | Welcome Reception | Golf Course Hotel- Poolside |
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Tuesday, March 3, 2015

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| 08:30-09:00 | Registration | Golf Course Hotel- Lounge |
| 09:00- 10:00 | Welcome and Introductory Remarks <u>Speakers</u> <ul style="list-style-type: none"> - Ahunna Eziakonwa, UNDP Resident Representative to Uganda - Mary Power, Director Resource Mobilization, WMO - Bonizella Biagini, Programme Manager – Climate Information for Resilient Development, UNDP-GEF - H.E. Hillary Onek, Minister for Disaster Preparedness and Management, Government of Uganda | Golf Course Hotel- Banquet Hall |
| 10:00-10:30 | Group Picture and Coffee Break | |
| 10:30- 12:00 | Country Presentations and Discussions <i>Chaired by Benjamin Larroquette</i> <i>Country representatives will make a brief presentation of their LDCF financed country programmes on Climate Information and Early Warning Systems (achievements, challenges, next steps) and provide an introduction to current plans for sustainability</i> | Golf Course Hotel- Banquet Hall |
| 12:00- 13:15 | Session 1: CIRDA Looking Back and Looking Forward: Innovative Technologies as a Foundation for Public Private Partnerships in the Delivery of Weather and Climate Services <i>Chaired by Bonizella Biagini</i> <u>Speakers</u> <ul style="list-style-type: none"> - Jeremy Usher, Chief Technical Advisor, Alternative Technologies, UNDP-GEF CIRDA Programme - Sebastian Glink, Business Unit Manager, Meteogroup - Alan Miller, Expert on Private Sector Engagement and Climate Adaptation, UNDP-GEF CIRDA Programme | Golf Course Hotel- Banquet Hall |
| 13:15-14:15 | Lunch | Poolside |
| 14:15-15:30 | Session 2: Commercializing Weather and Climate Services: Case studies from NMHS Experience Around the World <i>Chaired by Jeremy Usher</i> <u>Speakers</u> <ul style="list-style-type: none"> - Ziyanda Majokweni, General Manager for Corporate Affairs, South African Weather Service (SAWS) - Menno Bom, Director InfoPlaza, former Sales and Marketing Director, KNMI - Michael Nkalubo, Commissioner for Meteorology and Permanent Representative of Uganda with WMO, Uganda National Meteorological Authority | Golf Course Hotel- Banquet Hall |



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| 15:30-16:45 | <p>Session 3: Using Public-Private Partnerships to Accelerate NMHS Commercialization Efforts : lessons from the Pilot Program for Climate Resilience (PPCR) <i>Chaired by Alan Miller</i></p> <p><u>Speakers</u></p> <ul style="list-style-type: none"> - Michael Opagi, Principal Investment Officer, Eastern Africa Region, IFC - Sebastian Glink, Business Unit Manager, Meteogroup - Thaven Naidoo, Africa Climate Change Adaptation Coordinator, Climate Technology Initiative (CTI) - Ari Davidov, Director of International Business Development, Earth Networks | Golf Course Hotel- Banquet Hall |
| 16:45-17:15 | Coffee Break | Lounge |
| 17:15-18:30 | <p>Session 4: Catalyzing private sector investments into weather information required for mobile distribution and weather-index based insurance <i>Chaired by Bonizella Biagini</i></p> <p><u>Speaker</u></p> <ul style="list-style-type: none"> - Anthony Mills, President C4 Eco Solutions <p><i>Met offices are invited to participate actively and suggest interested sectors and local businesses to be included in the study.</i></p> | Golf Course Hotel- Banquet Hall |

Wednesday, March 4, 2015

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| 09:00-09:30 | <p>Review and Goals for the Day <i>Led by Alan Miller</i></p> | Golf Course Hotel- Banquet Hall |
| 09:30- 10:45 | <p>Session 5: Partnering with Mobile Telephone Companies <i>Chaired by Jessica Heinzelman, Manager, ICT Strategic Initiatives, DAI</i></p> <p><u>Speakers</u></p> <ul style="list-style-type: none"> - David Kuguru, Global Account Manager, Vodafone - Patrick Mwesigwa, Ag. Executive Director, Uganda Communications Commission. - Moumouni Sawadogo, Transmission Engineer, Telecel Faso | Golf Course Hotel- Banquet Hall |
| 10:45-11:15 | Coffee Break | Lounge |
| 11:15-12:45 | <p>Session 6: Innovative Products and Services <i>Chaired by Pradeep Kurukulasuriya</i></p> <p><u>Speakers</u></p> <ul style="list-style-type: none"> - David McAfee, Director Human Network International - Patrick Kibaya, Project Officer, Uganda Charter HealthNet - Zachery Dunn, TAHMO - David Kuguru, Global Account Manager, Vodafone | Golf Course Hotel- Banquet Hall |

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| 12:45-13:45 | Lunch | Poolside |
| 13:45-14:45 | <p>Session 7: Business Perspectives : Aviation and Transport <i>Chaired by Jeremy Usher</i></p> <p><u>Speakers</u></p> <ul style="list-style-type: none"> - Moïse Betole-Ada, Senior MET Engineer, ASECNA - Nick Grenfell, Managing Director, Business Performance Solutions (BPS) - Willie Saayman, Manager on Duty Global Operations Control Centre, South African Airways | Golf Course Hotel- Banquet Hall |
| 14:45-15:45 | <p>Session 8: Business Perspectives: Insurance and Banking <i>Chaired by Alan Miller</i></p> <p><u>Speakers</u></p> <ul style="list-style-type: none"> - Katharine Thoday, Programme Manager, ClimateWise - Mwamba Musambo, Head of Agriculture Banking, Stanbic Bank Zambia Ltd. | Golf Course Hotel- Banquet Hall |
| 15:45- 16:15 | Coffee Break | |
| 16:15- 17:45 | <p>Group Discussion and Brain Storm Session</p> <p><i>The group will be divided into small break out groups to discuss potential of addressing the business perspective needs introduced and the potential engagement of NMHS with these sectors.</i></p> <p><i>Each group will present their results leading to a final group discussion</i></p> | Golf Course Hotel- Banquet Hall |
| 17:45-18:00 | Day Wrap Up | |

Thursday March 5, 2015

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| 09:00-09:30 | <p>Review and Goals of the Day <i>Led by Alan Miller</i></p> | Golf Course Hotel- Banquet Hall |
| 09:30- 10:30 | <i>Moderated group break-out sessions to allow for countries to exchange experience and interact with business representatives</i> | Golf Course Hotel- Banquet Hall |
| 10:30-11:00 | Coffee Break | Lounge |
| 11:00- 12:30 | <i>Moderated group break-out sessions to allow for countries to exchange experience and interact with business representatives</i> | Golf Course Hotel- Banquet Hall |
| 12:30-13:30 | Lunch | Poolside |



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| 13:30-15:30 | Development of Country Action Plans for Follow up on Advancing PPPs on Climate Information and EWS | Golf Course Hotel- Banquet Hall |
| 15:30-16:30 | CIRDA Support of National Programs: Streamlining technology procurements with CIRDA and the PSO <i>Chaired by Bonizella Biagini</i> <u>Speakers</u> - Jeremy Usher, Chief Technical Advisor Alternative Technologies, UNDP-GEF CIRDA | Golf Course Hotel- Banquet Hall |
| 16:30-17:00 | Workshop Evaluation and Other Matters | |
| 17:00-18:00 | Closing Remarks <u>Speakers</u> - Alan Miller, Expert on Private Sector Engagement and Climate Adaptation, UNDP-GEF CIRDA Programme - Bonizella Biagini, CIRDA Manager - Michael Nkalubo, Commissioner for Meteorology and Permanent Representative of Uganda with WMO, Uganda National Meteorological Authority | Golf Course Hotel- Banquet Hall |