



Planning for Resilience in East Africa through Policy, Adaptation, Research, and Economic Development (PREPARED) Project

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MONTHLY UPDATE 001

IN THIS ISSUE

- Mainstreaming Climate Change Adaptation Strategies
- Improving Access To and Sharing Of Climate Information
- Innovative Approaches in Conservation
- Improving WASH Service Delivery
- Developing Public Private Partnerships
- Upcoming Events

ABOUT THE PROJECT

The PREPARED Project, the central component of USAID/Kenya & East Africa's PREPARED Program, works to strengthen the resiliency and sustainability of East African institutions, by targeting three key development challenges of East Africa that are likewise high priority areas for the U.S. Government (USG): climate change adaptation, biodiversity conservation, and sustainable access to water supply, sanitation, and hygiene (WASH).

PARTNERS

1. East African Community (EAC) Secretariat and Partner States (Burundi, Kenya, Rwanda, Tanzania and Uganda)
2. Lake Victoria Basin Commission (LVBC)
3. Famine Early Warning System Network (FEWS NET)

Mainstreaming Climate Change Adaptation Strategies

The Project is working with the EAC Climate Change Technical Working Group (CCTWG) to develop, demonstrate and sustain an approach for conducting a regional Vulnerability, Impacts and Adaptation Assessment (VIA). The purpose of the VIA is to identify key climate change risks and vulnerabilities within the Lake Victoria Basin (LVB) and to facilitate the development of a LVB Commission (LVBC) Climate Change Adaptation Strategy and Action Plan. The Project is finalizing the baseline reports for the 5 key VIA sectors: agriculture, water, health, terrestrial ecosystems and energy. The final baseline reports will be presented to the CCTWG in September 2015, and will inform the field-based assessments on the impacts of extreme climate events in the region and by sector.

Improving Access To and Sharing Of Climate Information

- The PREPARED Project is supporting the development of a Climate Information Network (CIN), which will serve as an interactive forum for Climate Information Users and Service Providers to share, adopt and adapt tools and products tailored to the needs of decision-makers and end-users of climate information in East Africa. Currently, key stakeholders are deciding where the CIN should be housed, the type of information that should be shared and the modalities for information sharing.
- During the Greater Horn of Africa Climate Outlook Forum (GHACOF) 39 in February 2015, the Department of Meteorological and Hydrological Services (DMHS) in the EAC member states requested that the PREPARED Project support Meteorological (Met) Services in Burundi and/or Tanzania in digitizing their historical meteorological data. The PREPARED Project is currently working with Tanzania Met Services to recover and digitize 30 years of rainfall and temperature from three Synoptic stations and more than 20 other stations at the LVB on the Tanzanian side.

Innovative Approaches in Conservation



The Project has formed an Anti-Poaching Partnership (APP) with key conservation, governmental and private sector stakeholders in Kenya and Tanzania. The APP is working with Strathmore University iLab (Kenya) to develop a mobile data collection application and cloud-based database, called Wilderness Information and Landscape Data (WILD), to facilitate the real-time collection of poaching and human wildlife conflict (HWC) across landscapes.

This month the beta version of WILD was field tested in Tanzania with Honeyguide Foundation and Tanzanian People and Wildlife and in Kenya with Big Life Foundation. The community scouts provided valuable and practical feedback

4. Intergovernmental Authority on Development (IGAD) Climate Prediction and Applications Centre (ICPAC)
5. SERVIR-East Africa/Regional Center for Mapping of Resources of Development (RCMRD)

GEOGRAPHICAL FOCUS:

- East African Community (Burundi, Kenya, Rwanda, Tanzania and Uganda)
- Lake Victoria Basin

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on WILD's functionality and user-friendliness. Strathmore University will revise WILD to address the concerns raised, and the second version of the system will be piloted with new organizations in October.

In addition, the Project has signed a grant agreement with the Wildlife Conservation Society (WCS) to support the development of Spatial Monitoring and Reporting Tool (SMART) Connect. SMART Connect will build the capacity of SMART to accept data inputs from additional devices, such as Open Data Kit and WILD. The Project hopes that the partnership with WCS and SMART will support the sustainability and uptake of WILD among conservancy organizations.

Improving WASH Service Delivery

PREPARED has partnered with Itron, a leading global water meter engineering firm that has technologies and services dedicated to reducing inefficient use of water, and the Uganda National Water and Sewerage Company (NWSC), to combat Non-Revenue Water (NRW) in the districts of Jinja and Iganga. The partnership supports NWSC goal of reducing NRW in Uganda from 45% to 20% over the next 12 months. The Partnership has two approaches that are being implemented simultaneously. The first focuses on improving the technology used for metering and analysis, and the second builds NWSC's capacity in service delivery. The Project has also introduced a Quality Service Improvement Program (QSIP) that focuses on improving engagement, communication and accountability with customers. PREPARED is in discussions with Water and Sanitation Corporation (WASAC) in Rwanda and Urban Water Supply and Sewerage Authority (UWSA) in Tanzania to explore the potential of expanding the NRW Reduction Partnership to these countries.

Developing Public Private Partnerships

On July 16, 2015 the PREPARED Project held a meeting with representatives from Badische Anilin-und Soda-Fabrik (BASF) Company-Germany, the Mara-Serengeti Transboundary Hoteliers Forum (TBHF), and the Kenya National Environment and Management Authority (NEMA) to agree on the parameters of the partnership for wastewater reduction in the Mara-Serengeti landscape. The partnership will support resource efficiency in hotel operations in the Mara, with particular emphasis on water usage and water cycles, and institutionalize best practices and standards in resource efficiency for hotels in the LVB and EAC. The concept note and a Memorandum of Understanding (MoU) will be adopted in August and activities are scheduled to commence in September.

Upcoming Events

- Vulnerability Index Mapping Course and United States Geological Survey (USGS) Land Coverage Course: **August 10-20, 2015** in Entebbe, Uganda.
- Non-Revenue Water (NRW) Quality Service Improvement Program (QSIP)-Training of Trainers (ToT): **August 18-20, 2015** in Kampala, Uganda.
- Greater Horn of Africa Climate Outlook Forum (GHACOF) 41: **August 24-25, 2015** in Dar es Salaam, Tanzania.
- Lake Victoria Region Local Authorities Cooperation (LVRLAC) QSIP Training: **August 26-27, 2014** in Kisumu, Kenya.