GLOBAL WORKSHOP
ON BUILDING CLIMATE - RESILIENCE THROUGH
IMPROVING WATER MANAGEMENT AND SANITATION
AT NATIONAL AND TRANSBOUNDARY LEVELS

29 - 31 March 2021, hybrid
Palais des Nations, Geneva and online

Title: Integration of WASH and Health Policies and Actions into Implementation of the
Transboundary Agreements, River Basin Management Planning and Transboundary
Climate Change Adaptation in Lake Victoria Basin

Speaker: Eng. Hilda P. Luoga, Projects Development Officer: email:
luoga@lvbcom.org
Lake Victoria Basin Commission

Follow us: @UNECE_Water
#WaterConvention
#ProtocolWaterHealth

UNECEWater
Transboundary Cooperation and Health Policies
Integration of WASH and Health Policies and Actions into Implementation of the TAs, TRBMP and TCCA in LVB

CONTENT

1. OVERVIEW OF THE LAKE VICTORIA BASIN (LVB)
2. WASH AND HEALTH CHALLENGES IN LVB
3. INTEGRATION OF WASH AND HEALTH POLICIES IN LVB
4. CONCLUSION
1. OVERVIEW OF THE LAKE VICTORIA BASIN (LVB)

Facts About Lake Victoria Basin

- LVB Population approx. 50 million
- LVB comprises 11 defined Sub-basins (watersheds) including:
  - Akagera River Basin
  - Mara River Basin
  - Simiyu River Basin
- The watersheds with the largest flows are the Kagera (32.7%) and the Nzoia (14.6%) of total inflows.
- Two critical trans-boundary rivers - the Kagera (BRD, RW, TZ and UG) and the Mara (KEN/ TZ).
- Lake Victoria Major outflow through Nile River (20%)

Parameter | Figures
---|---
Surface Area | 68,870 km²
Average Depth | 40 m
Maximum Depth | 84 m
Shore line length | 4828 km
Volume | 2,750 km³
Source of water | Precipitation - 82%
Rivers – 18%
Loss of water | Evaporation – 76%
River Nile Outflow – 24%
Water Residence Time | 23 Years (P in P out)
Flushing Time | 123 Years (renewal)
2. WASH AND HEALTH CHALLENGES IN CLIMATE CHANGE AND COVID 19
3. INTEGRATION OF WASH AND HEALTH POLICIES AND ACTIONS INTO IMPLEMENTATION OF THE TAs, TRBMP AND TCCA IN LVB

ABOUT LVBC

- LVBC is a specialized institution of the EAC
- Establishment of the LVBC is provided for under Article 114 of EAC Treaty (1999).
- The establishment and operations of the Commission is governed by the Protocol for Sustainable Development of LVB (2003): provides the legal & institutional framework for development intervention in the trans-boundary LVB
- EAC designated LVB a common Regional Economic Growth Zone due to its huge environmental natural resources

Vision: “A prosperous population living in a healthy and sustainably managed environment providing equitable opportunities and benefits”

Mission: To promote, facilitate & coordinate activities of different actors towards sustainable Development and poverty eradication of the LVB.

Objectives:
A. Promote: Equitable economic growth,
B. poverty eradication,
C. Environment Conservation in the LVB,
D. Sustainable utilization of NRM within the LVB,
E. Safety of Navigation in Lake Victoria
Transboundary Agreements in LVB:
- Treaty for establishment of EAC 1999, Chapter 19 and 20 of the (Article 111 to 116) promote enhancement of the quality of the environment and natural resources through adoption of common policies, measures and programmes;
- Protocol for Sustainable Development of LVB 2003;
- Harmonized and Developed ten (10) policies/Legal/ target instruments to guide sustainable NRM for example:
  - MoU for Mara River signed 2015 - on joint management of water resources

Transboundary Lake/River Basin Management Planning:
- Developed 21 TBNRM Instruments to facilitate collaborative management of transboundary ecosystem and natural resources:
  - Harmonized water resources management policy, and Developed Water Resources Management Draft Bill;
  - Harmonized regional standards for discharge of industrial and municipal effluent into public sewers and water bodies within LVB
  - Assessed E-flows and developed Water Allocation Plan (WAP) for the Mara River Basin; Lower Mara
  - Conservation Investment Plans (CIPs) for transboundary ecosystems such as Nabugabo Lake Complex, Sango Bay
  - Sustainable Land Management Strategy and Action Plan
  - Developed EAC Population, Health and Transboundary Climate Change Adaptation Agreements:
    - Developed LVB Climate Change Adaptation Strategy and Action Plan (CCASAP 2018)
    - Completed a Vulnerability Impacts Assessment (VIA) of the LVB
    - Operationalization of CCASAP by a Project ACC – LVB in 5 EAC Partner states, funded by AF (USD 5 Million) through UNEP
    - Established transboundary knowledge management and information sharing

3. INTEGRATION ON WASH AND HEALTH POLICIES AND ACTIONS INTO IMPLEMENTATION OF THE TAs, TRBMP AND TCCA IN LVB - Continues
4. CONCLUSION

i. **Use of programmatic approach has assisted LVBC to Integrate WASH and Health Policies in the Transboundary of Lake Victoria Basin;**

ii. **Assessment of Environmental flows and Development of WAP in Lower Mara River has provided the means for integrated management of river flows to meet the needs of people and ecosystems within the changing climate;**

iii. **Integration on WASH and Health policies in transboundary water require a regional coordination, with strong support (technical and financial) to enhance development, harmonization and implementation of regional and international transboundary policies;**

iv. **Transboundary initiatives enhanced learning and knowledge sharing and Participatory Approach for the success of service delivery and conservation;**

v. **LVBC invites Partners to collaboration for interventions to address challenges includes WASH and Climate Change impacts in the Lake Victoria Basin, EAC**
Some of the Implemented Projects in WASH and Adapting to Climate Change

- Wastewater treatment plant, LVB
- Floating water intake in LV
- Rainwater harvesting, LVB
- Constructed toile in Ngozi, Burundi
- Tippy Tap hand washing
- Exhauster in Kericho
Thank You

Development Partners:
WB, USAID, AF, UNEP, AfDB, EU, KfW, NDF, Danish Fund, Austrian Development Agency, EAC