

LAKE VICTORIA BASIN FACTS

LAKE SURFACE AREA: approximately

68,870 km²

(second largest freshwater body in the world)

CATCHMENT AREA:

180,950 km²

- It is a trans-boundary water resource shared by Kenya, Tanzania and Uganda
- Rwanda and Burundi lie in the upper watershed that drains into the Lake
- It is considered one of the most important shared natural resources by the Partner States of the East African Community (EAC).

LAKE VICTORIA BASIN INTEGRATED WATER RESOURCES MANAGEMENT PROGRAMME - LVB IWRMP



photo: Jan Spit



CHALLENGES IN THE MANAGEMENT OF THE BASIN

- Overfishing
- Siltation from erosion of degraded watersheds
- Industrial pollution
- Pollution through municipal wastewater
- Lack of water storage
- Runoff from agricultural areas
- Unsustainable pressure on the ecosystem
- The high-density, fast-growing, young, rural and poor population
- Wetland degradation
- Flooding and drought

OBJECTIVES

- To improve the water quality and availability through strategic and sustainable management of the Lake Victoria Basin via regional IWRM measures
- Strengthen the long-term strategic and regional water resource management function of the LVBC Secretariat
- Reduce effluents in Lake Victoria through targeted infrastructure investments in wastewater and solid waste management

EXPECTED OUTPUTS OF THE PROGRAMME

- An IWRM Unit established at the LVBC with a regional IWRM Strategy for LVB including a Communication and Visibility Strategy and Plan
- A regional investment pipeline of priority projects prepared
- A Water Information System (LVB-WIS) established and used within the Basin, to support investment decisions and policy development
- Four High Priority Investments implemented in Kampala, Kigali, Kisumu, and Mwanza
- Capacity of the National Project Executing Agencies built to enhance sustainable operation
- Hygiene and Sensitization Awareness Campaigns undertaken in the LVB Partner States

PROGRAMME KEY FACTS

Recipient	East African Community (EAC)
Programme Executing Agency (PEA)	Lake Victoria Basin Commission (LVBC) through its established Programme Coordination Unit (PCU)
Geographical coverage	LVB countries: Kenya, Rwanda, Tanzania, Uganda, Burundi
Funding Partners	<ul style="list-style-type: none"> Federal Republic of Germany by its Federal Ministry for Economic Cooperation and Development (BMZ) European Union (EU) by its European Commission (EC) Both funding streams channelled through the bank, KfW
Funding Volumes	<ul style="list-style-type: none"> Studies and Programme Preparation (completed in 2016): EUR 1.5 mn (Germany) Phase 1: EUR 20.0 mn (Germany) EUR 8.9 mn (EU) EUR 3.0 mn (expected contribution from Partner States)
Phase 1	January 2020 – February 2023

SUMMARY OF HIGH PRIORITY INVESTMENTS

	FACILITIES CONSTRUCTED	EXECUTING AGENCY	BENEFITTING POPULATION	IMPACT
Kigali Rwanda	<ul style="list-style-type: none"> Faecal Sludge Treatment Plant with capacity of 480 m³/day Compost production and biogas generation 	WASAC	90% of Kigali population	Reduce pollution of Nyabugogo River at 120-480m³/day of faecal sludge
Kisumu Kenya	<ul style="list-style-type: none"> 15 km of sewers 1100 shared ablution blocks 4 public school ablution blocks 	LVSWWDA KIWASCO	30.000 people in Manyatta A	Collecting 1000 m³/day of wastewater to be treated in the Kisat WWTP
Mwanza Tanzania	<ul style="list-style-type: none"> 14,4 km of sewers 1600 sewer connections Rehabilitation of existing sewer network and pumping station 	MWAUWASA	16.000 people of Mwanza city	Collecting 1745 m³/day of wastewater to be treated in the Ilemela WWTP
Kampala Uganda	<ul style="list-style-type: none"> Rehabilitation of the wastewater ponds and sewerage network in the Luzira catchment of Kampala 	MWE	Investigations are ongoing	Awaiting results of the investigations