



EAST AFRICAN COMMUNITY

# LAKE VICTORIA BASIN COMMISSION SECRETARIAT

## STRENGTHENING METEOROLOGICAL SERVICES ON THE LAKE

Sr. No. 022

### Introduction and relevance to Protocol requirements and Strategic Plan (2011-2016)

The Meteorological Sector in EAC is managed by Partner States through the respective National Meteorological Services. Lake Victoria is a large water body which generates its own unique weather systems. Ideally, meteorological services for the Lake and its basin should be coordinated from one centralized office in order to utilize all available information and data. Currently, Each Partner State runs meteorological service for its own sector of the lake.

Most of the accidents on the Lake have been attributed to hazardous weather conditions and strong water currents. Strong winds and deep convection characterise weather over the Lake. The meteorological monitoring network and forecasting system currently in place is inadequate. There is need to improve observations and to provide weather forecasts, advisories and warnings to ships and other vessels using the lake for the safety of navigation. The project will enhance the capacity of Partner States to provide early warning products for Lake Victoria and its Basin.

This project is in line with Articles (3)(h), (11), (28), (29), (31) and (32) of the Protocol for Sustainable Development of Lake Victoria Basin.

Further, it will contribute to developmental objective D7 of the LVBC Strategy Plan 2011-2016 through promoting investment in maritime transport, and improving safety of navigation in Lake Victoria.

### PROJECT DETAILS

#### Project Goal

To accelerate economic growth, socio-economic development and EAC integration

#### Project Objective

To enhance safety of navigation and efficient exploitation of natural resources over Lake Victoria and its Basin by strengthening Meteorological Services over the Lake

#### Project Duration

Five (5) Years

#### Implementing Agency

Lake Victoria Basin Commission Secretariat,  
P.O. Box 1510-40100, Kisumu, KENYA.  
Together with Partner States.

#### Estimated Project Cost

EUR 25,000,000

#### Contact Information:

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## **Project rationale and preparatory studies**

The need of the project is well articulated in the:

(i) Feasibility Study on Enhancing Safety of Navigation and Efficient Exploitation of Natural Resources over Lake Victoria and Its Basin by Strengthening Meteorological Services on the Lake. The Study was completed in October 2011

(ii) Study on Integrated Transport Strategy for Lake Tanganyika and Lake Victoria

(iii) EAC Transport Strategy 2011

### **Specific objectives**

To improve Marine and Meteorological Observational Network, develop a Navigation Early Warning System and establish a Centre for Meteorological Services (CMS) for Lake Victoria.

### **Expected Results**

i) A comprehensive array of observing/monitoring instruments over land and on the Lake deployed/installed

ii) A Navigation Early Warning System for Lake Victoria developed

iii) A Weather and Climate Information Atlas for Lake Victoria Basin developed

iv) A centre for providing meteorological services for lake Victoria and its basin established.

Lake Victoria Basin Commission Secretariat

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