



EAST AFRICAN COMMUNITY

LAKE VICTORIA BASIN COMMISSION SECRETARIAT

LAKE VICTORIA BIODIVERSITY INFORMATICS PHASE II (LAVIBI)

Sr. No. 008

Introduction and Context

The Lake Victoria Basin Commission in the past four years has worked closely with the Kenya Marine and Fisheries Research Institute (KENYA), National Fisheries Research Institute (Uganda), Tanzania Fisheries Research Institute (Tanzania) and the National Museums of Kenya to implement the Phase 1 Lake Victoria Basin Biodiversity Informatics (LAVIBI) Project, funded by the JRS Foundation. To further implement its' mandate and building on the work and outcomes of the LAVIBI Phase 1 project, LVBC aims to establish a web-based portal on the Lake Victoria Biodiversity.

The goal of the project is to improve sustainable management of the Lake Victoria Basin natural resources through establishment of a biodiversity information management infrastructure at the lake Victoria Basin Commission. The project will create an enabling policy, institutional and political framework to support establishment of the web based portal; mobilize and avail quality data in appropriate formats and standards; design, implement and launch a fully operational web based portal; disseminate and communicate information and knowledge from the portal and enhance sustainability of the portal after the proposed project funding ends.

The Overall vision of the LAVIBI Project is to develop regional portal for all biodiversity in Lake Victoria basin so as to facilitate biodiversity research, education and sustainable exploitation.

Project Rationale and Preparatory Studies

Full project phase II proposal

Specific Objectives / Strategies

LAVIBI II objectives:

- i) To create and enabling institutional, policy and political framework for the establishment of the web based Portal at the LVBC by 2015.
- ii) To build appropriate and adequate human and technical capacity at the regional level to support the LVBC web based portal by 2015.
- iii) To mobilize and avail quality data in appropriate formats to the LVBC/EAC web based portal on biodiversity by 2016.
- iv) To design, implement and launch a fully operational web based portal on Lake Victoria biodiversity at LVBC by 2016.
- v) To disseminate and communicate information and knowledge products on Lake Victoria Biodiversity through the Portal by 2016.
- vi) To effectively implement the LVBC/EAC Lake Victoria Basin Biodiversity Informatics Project and enhance its sustainability by 2016.

PROJECT DETAILS

Project Goal

To improve sustainable management of Lake Victoria Basin natural resources through establishment of a biodiversity information management infrastructure at the Lake Victoria Basin Commission.

Project Objective

To establish a functional web based portal on the biodiversity of the Lake Victoria Basin under the framework of the Lake Victoria Basin Commission.

Project Duration

Three years

Implementing Agency

Lake Victoria Basin Commission Secretariat,
P.O. Box 1510-40100, Kisumu, KENYA

Estimated Project Cost

USD 983,000

Contact Information:

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Relevance to Protocol requirements and Strategic Plan (2011-2016)

The project will contribute towards achieving sustainable development of LVB as per Article 24 of the Protocol for Sustainable Development for LVB. The project is also in line with the LVBC Strategic Plan 2011 - 2016 which aims at promoting knowledge management and information sharing in the sustainable management of natural resources in the LVB.

Expected Results

1. Establishment of the appropriate institutional and administrative framework for the project aligned with existing EAC/LVBC policies and procedures as well as procurement of key staff.
2. Establishment of a registry of institutions and projects on biodiversity in the Basin.
3. Development of an enabling policy framework for the web based portal.
4. Project Management team and Management Structure for LAVIBI Phase II established.
5. Improved Human capacity and Skills at national institutions in EAC.
6. Sufficient ICT infrastructure in place in key collaborating institutions.
7. Requisite biodiversity data and information mobilized and availed to the web portal.
8. Species checklists for Lake Victoria in place and updated on the Portal.
9. Data available in compatible formats and universal standards.
10. System requirements for the web based Portal defined.
11. Functional portal in place.
12. Information and knowledge effectively communicated through the Portal.
13. The EAC/LVBC LAVIBI II project is effectively implemented.
14. Sustainability for the web-based portal enhanced.

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