

DEPARTMENT : Department of Environment & Natural Resources

CORPORATION : Laguna Lake Development Authority (LLDA)

I. CORPORATE PROFILE

A. Brief Statement of Corporate Objectives

Republic Act (RA) 4850 as amended, places the entire Laguna de Bay and its region under the comprehensive and integrated water resource management (IWRM). As a quasi-government agency, the LLDA is mandated to carry out the development of the Laguna de Bay Region with due regard on environmental management and control, preservation of a better quality of human life and ecological system and the prevention of undue ecological disturbances, deterioration and pollution. In order to attain its objectives, the Authority considers the three basic resources, namely: human, water and land resources in the performance of its policy and planning, regulatory and resources developmental functions.

The nature / scope of functions of the Authority as provided under Section 4 of LLDA Charter as amended are as follows :

- a. Environmental management ;
- b. Socio-economic development;
- c. Regulation and control of lake water uses and developmental activities within the Laguna de Bay Region;
- d. Infrastructure development.

B. Corporate Priorities for the Budget Year

LLDA after it has transferred to its permanent home known as 1st government green building that is a climate-smart and energy-efficient model serves as inspiration for sustainable building practices". The Authority has likewise acquired the ISO certification in 2015 will sustain its implementation now and in the coming years. It shall continue to formulate policies that will strengthen regulatory mechanisms towards addressing the existing and emerging environmental and natural resource challenges and other issues such as climate change and disaster risks reduction and management, among others.

The LLDA, pursuant to its mandate shall continue to rationalize the aquastructures in the lake by harmonizing with the RA 8550 (Fisheries Code of the Philippines) carrying capacity of 10% of the surface water through reduction, demolition and clean up of illegal fishpens and fishcages. Sustained lake seeding will be conducted in Laguna de Bay, Tadalac lake and the Seven Crater lakes and continue the community greening and watershed reforestation in line with the National Greening Program towards maintaining the ecological balance of the lake basin.

Policy directions are leading towards the improvement of regulation processes, protecting the lake's water quality, strengthening partnership with stakeholders, food security and optimizing resource utilization and allocation for various uses.

Major components of the work plan include the implementation of the Environmental User Fee System (EUFS), River Rehabilitation with the adoption of river systems by partner industries, local government units, and civic groups. Other priority areas include: DRRM, Water Quality /Supply & Sanitation, MRF monitoring and Flood control projects, Institutional Partnership/PPP/, IEC, Integrated Watershed Management Program, and Fisheries Development Program.

Apart from the regulatory and developmental activities, the key features of the 2016 Work Plan include:

- 1) Policy, Plan and Project Development
 - A. Harmonization of LLDA ZOMAP with the Fishery Code of the Philippines
 - B. Prescribing Flood Neutral Land Development and Standardizing the Approval of Development Plan and Permits in the 24 sub-watersheds of the Laguna de Bay basin
 - C. Policy on Water abstraction for Hydropower
 - D. Policy on Re-inspection of Industries
 - E. Formulation of Development and Management Plan for Lake Mohicap and Lake Palakpakin
 - F. Conduct of Perception Survey
 - G. Policy on Zero Discharge
 - H. Preparation of LLDA Competency Based HR Management
 - I. Automation of Processess

- 2) Integrated Watershed Management Program (IWMP)
 - A. Integrated Watershed Management Program for the Laguna de Bay sub-basins
 1. Implementation of MOA-IWMP in Sta. Rosa sub-watershed

- B. National Greening Program
 - 1. Reforestation/Afforestation Activities
 - 2. Nursery operation
 - 3. Seedling and bamboo propagation
 - 4. Establishment, maintenance and protection of bambusetum

- 3) Implementation of Water Permitting System
 - A. Issuance of Water permits

- 4) Disaster Risk Reduction Management (DRRM)
 - A. Production of hazard map
 - B. Compilation of MMDA DRRM Plan

- 5) River Rehabilitation Program
 - A. River Councils/FRBCs
 - 1. Strengthen RCs as a Network of Environmental Stewards in the Various Sub-watershed in the LDB Region
 - B. Environmental Army (EA)
 - 1. Recruitment of new EAs
 - 2. Training on knifefish processing
 - 3. Conduct of clean up activities
 - C. Adopt a River Project
 - 1. Conduct of Lakbay Ilog
 - 2. Construction of trash trap in Cabuyao river system

- 6) Water Quality Monitoring and Management
 - A. Regular Water Quality Monitoring of Laguna de Bay, River Systems, Pasig River and Manila Bay

 - B. Collaborative Study on Pasig River
 - C. Implementation of Quality Assurance System

- 7) Fisheries Resource Development, Management and Regulation
 - 1. Aquastructure Registration: Laguna de Bay and Seven Lakes

2. Monitoring and enforcement of relevant aquastructure regulations
3. Demolition of 871 hectares aqua-structures
4. Water hyacinth clearing operation
5. Regular lake seeding

8) Information Education Campaign (IEC)

1. Promotion and environmental consciousness
2. Radio / TV appearances
3. Printing and reproduction of IEC Materials
4. Publication of Laguna de Bay Environment Monitor and Annual Report
5. Public disclosure program for industry and LGUs
6. Green building tour
7. Laguna de Bay month celebration/ LLDA anniversary
8. Exhibit participation
9. Maintain Public assistance desk (PAD)

9) Regulatory services

1. Issuance of permits and clearances to
2. Adjudication and litigation of cases
3. Conduct of Technical Conference / Alternative Dispute Resolution (ADR)
4. Issuance of legal orders
5. Compliance monitoring and surveillance of development activities in Laguna de Bay region

10) Researches/ studies/ initiatives

1. Analysis of fecal streptococcus and enterococcus in Manila Water Supply project
2. Water quality report on Fecal Streptococcus and enterococcus for Manila Water supply project
3. Water quality reports for Laguna de Bay and tributaries, crater lakes and river rehabilitation program

Major Program and Project Justification and Assumption

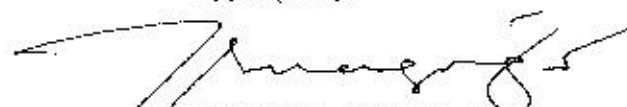
The Laguna Lake Development Authority (LLDA), as the only basin Authority in the country, is responsible for the protection and conservation of Laguna de Bay and its watershed; created and operating under R.A. 4850 as amended, is mandated to lead, promote and accelerate the balanced growth of the Laguna de Bay basin within the context of national and regional plans and policies for social and economic development with due regard and adequate provision for environmental management and control, and the prevention of undue ecological disturbances, deterioration and pollution.

Environmental pressures brought by developmental activities need to be guarded due to its adverse effects to the Laguna de Bay and its ecological balance. This 2016 work plan is a platform that serves as the driving force of LLDA's performance in sustaining the integrity of the lake as a significant resource for surrounding stakeholders in the region and the country. It also serves as the road map towards the conservation and protection of the Laguna de Bay and its resources which emanated from its vision that "By 2020, the Laguna de Bay Basin has been transformed as the focal center for sustainable development through sound ecological governance".

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