



4th NARBO GENERAL MEETING
Makassar, Indonesia



Exploring KFS in IWRM
in Laguna Lake, Philippines:
LLDA Experience

By:

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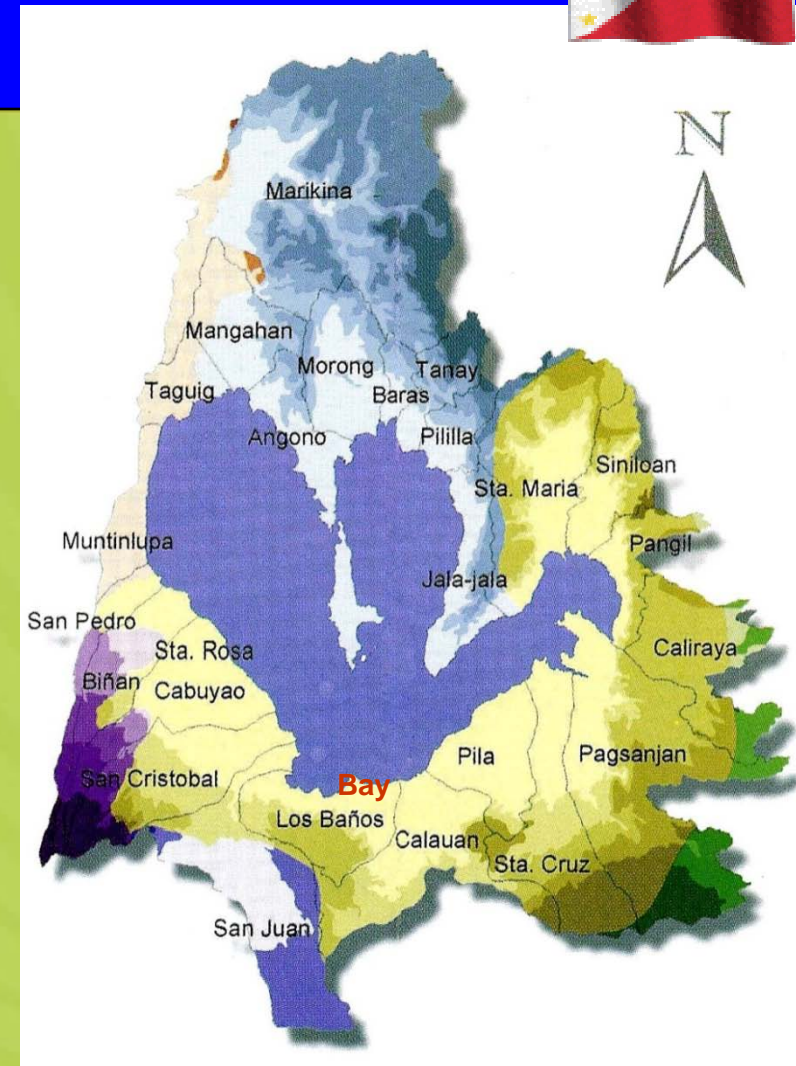
LLDA under its Charter



Mission Statement:

‘ All plans, programs, and projects (public/private) will not contribute to the unmanageable pollution of the Lake and will not bring about ecological imbalance in the Region’

LAKE = 92,000 hectares
REGION = 61 cities and municipalities,
5 Provinces + Metro Manila
= 3,820 sq.kms watershed
including the 900 sq.km Lake
= 12 M human population





LLDA under its Charter



- **LLDA is a body corporate with governmental / regulatory/ proprietary powers, among others :**
 - **TO ISSUE RULES AND REGULATIONS SUBJECT TO NEDA APPROVAL; thru its Board of Directors**
 - **to Sue and be sued under its corporate name**
- *LLDA can institute lawsuits against any person who shall conduct acts contrary to its mission/charter.**

SUMMED UP, as follows:

- ✓ **Planning and Policy Making**
- ✓ **Environmental Management**
- ✓ **Infrastructure Development**
- ✓ **Institutional Arrangement**
- ✓ **Regulatory Powers with Quasi-Judicial Authority**





Leadership for IWRM in River Basins

Keys for Success



How can RBOs help to improve leadership in the IWRM process in Asia's river basins?

- 1. By institutionalizing IWRM at sub-watershed level**
- 2. By integrating management of water disasters and environmental issues (compliance monitoring resource users, routine monitoring of water quality, etc.)**
- 3. Strict enforcement of law and rules affecting the river basin/ sub-watershed (i.e., command and control mechanisms, market-based instruments/EUF, etc.)**
- 4. By providing capacity-building partnership at all levels**
- 5. By providing sound and effective Institutional (CAC), Financial and Legal arrangement**



Improving Water Quality in River Basins

Keys for Success



How can RBOs facilitate water quality improvement in Asia's river basins?

1. Through lake and water system rehabilitation efforts/ projects; periodic assessment of water quality and aquatic life; review existing and future plans and programs accordingly.
2. Roadmaps for IWRM investments and financing mechanism to address domestic wastewater pollution.

Guiding principle: Water should not only be considered as a resource for humans but also for the ecosystem; thus, water quality should not only be for the intended use of humans but also for the needs of the aquatic ecosystem



Climate Change Adaptation in River Basins

Keys for Success



How can RBOs facilitate climate change adaptation in Asia's river basins?

1. Disaster risk reduction management in the context of river basin/sub-watershed (e.g. designing DRRM, Climate Change adaptation strategies) using IT, Risk and Hazard Assessment, Modeling system, Effective early-warning system.
2. Continuing IEC which creates public awareness on the relevance of Climate Change and other external forces through media, education and participatory process.



Key to Success

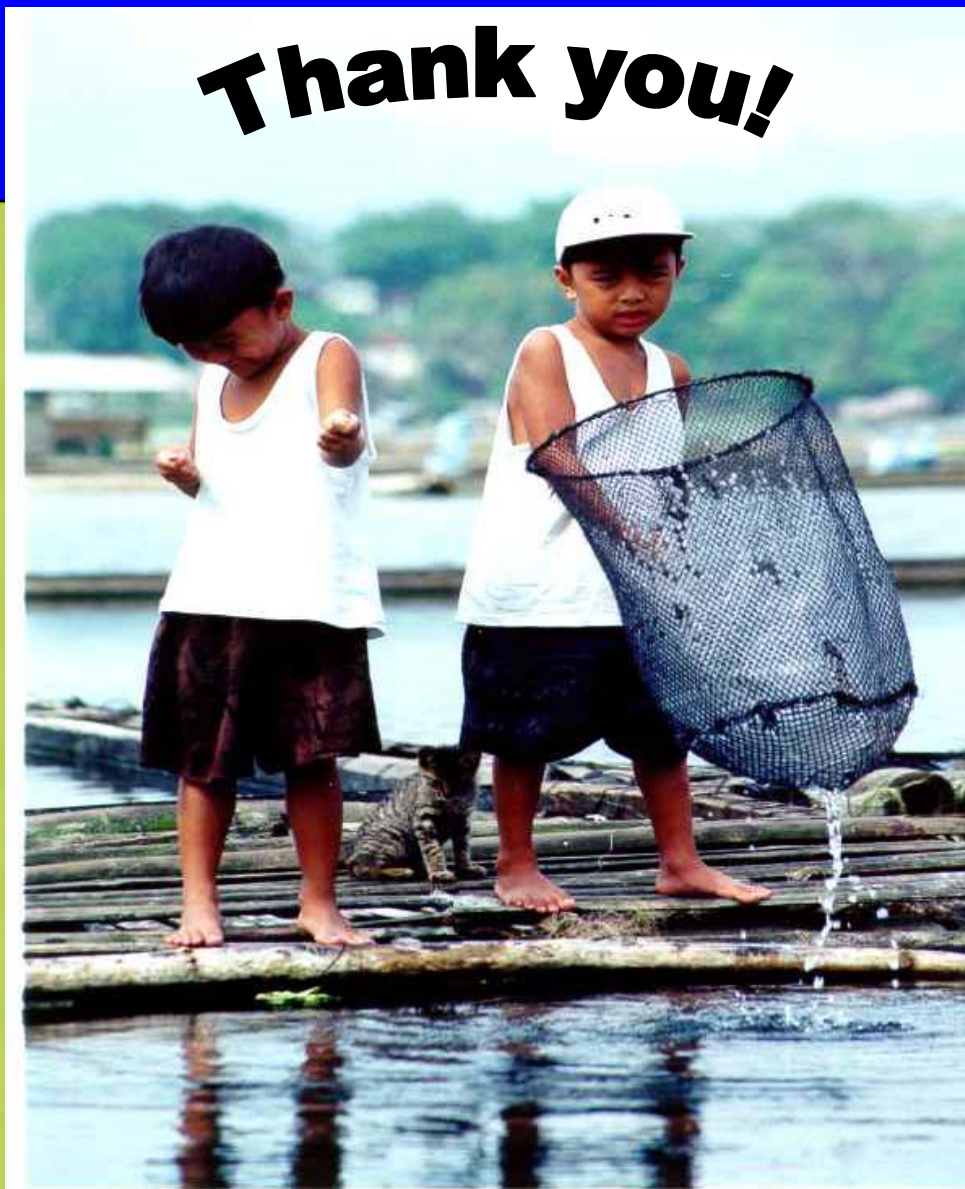


As a final note, and as a testimony to the successes of the LLDA, the Philippine Supreme Court in several landmark decisions from 1994 to 2010, upheld the following:

- the quasi-judicial authority of LLDA,
- the power to issue Cease and Desist Order,
- exclusive jurisdiction over surface waters of Laguna Lake Region,
- and in September 2010, in *SM Prime Holdings vs LLDA*, the SC upheld the power of LLDA to impose fines, fees and penalties.



Thank you!



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