

## **Member's Annual Report 2007**

Date of preparation: 8<sup>th</sup> March 2008

Name of the editor: Sudharma Elakanda

Project Director, DSWRPP /MASL

### **1. About the organization**

#### **(1) Name of the organization and postal address of the office**

Mahaweli Authority of Sri Lanka

No. 500, T.B. Jayah Mawatha, Colombo 10, Sri Lanka.

#### **(2) The representative of the organization**

<Please write the name and position of the representative>

Mr. Ivan de Silva, Director General of MASL

#### **(3) Purposes and roles of your organization**

##### **a) Historical background of the organization**

The Mahaweli Project is the largest Multi Purpose Development Project ever undertaken in Sri Lanka. Mahaweli Master Plan drawn up during 1964 – 1968 for harnessing the waters of the Mahaweli envisaged the development of 365,000 ha for agriculture and installation of 600 MW of Hydro-Power capacity.

The total Mahaweli Project Area covers 39 percent of the whole island, 55 percent of the Dry Zone, and encompasses 60 percent of the irrigable land area of Sri Lanka.

The Project is to provide Irrigation for agriculture and water for domestic use, generate hydro-power for the whole range of agro-based industry in the Mahaweli areas and elsewhere, provide effective flood control and most importantly open up new land for agriculture development.

##### **b) Purposes and roles of the organization**

The primary purpose of MASL has been and remains "the improvement of human life standards in the Mahaweli project areas".

#### **(4) Outline of the organization**

1) Number of staff - 4600 Nos.

2) Amount of the annual budget in 2007 - US \$ 43.50 Million

### 3) Organizational chart

<Please attach the organization chart here>

See Annex 1

### 4) Ongoing projects

<Please write about the ongoing projects>

- Uda Walawe Left Bank Project

The Project comprises of two Phases. Phase I covers the rehabilitation and upgrading of 2,900 ha. of existing irrigated lands and the development of 1,040 ha. of new lands in Walawe Left Bank. In Phase II, 5,152 ha. of new lands will be opened up for agriculture and settling of 5,800 farmer families and 3,150 non-farmer families adjacent to the Phase 1 area. Total beneficiaries of the project are about 12,000 families.

Phase I, commenced in late 1997 and fully completed in 2003. Expenditure of the project was Rs. 3,092 m.

Phase II, commenced in 1999 and is scheduled to be completed in 2007. Work includes establishment of 12 settlements units with irrigation and other social infrastructure facilities, construction of 19.5 km of Left Bank Main Canal 65 village tank and over 500 km of distribution and field canal network. At the end of December 2003, 1,072 families were settled in two units completing 6.5 km of Main Canal, 9 village tanks, and irrigation infrastructure for 911 ha. 53 ha of land along the road were planted with trees as an environmental measure.

- Dambulla Bakamuna Kalagahawila Road Project

Dambulla, Bakamuna, Kalagahawela Road links Mahaweli areas with Dambulla economic center providing better marketing opportunities for the Mahaweli farmers. It would also served as a replacement road to the existing Naula - Bakamuna Road which will be inundated when the proposed Moragahakanda Project is commissioned .Total length of the road is 34 kms. and traverses along the existing car track. Total estimated cost is Rs. 685 Mn. And financed under the Japanese Food Aid Counterpart Funds. The project commenced in 2001 and scheduled to be completed in 2006. But due to the unforeseen issues related to land acquisition the project period was extended upto end of 2007. Survey and design works completed in 2002. As at end of December 2003, 88% of earth work has been completed while construction work of two bridges at Ambanganaga and Heevatioya were commenced. Tenders have been invited for the Kalundawa Bridge. Land acquisition work

has been expedited while the clearance from the Wild Department has been obtained. Project cost is US\$ 7.50 million.

- **Dam Safety & Water Resources Planning Project (DSWRPP)**

The Dam Safety & Water Resources Planning Project (DSWRPP) is to be implemented by the Ministry of Agricultural Development and Agrarian Services (AD & AS) of the Government of Sri Lanka with the financial assistance from the International Development Association (IDA) of World Bank. The Project Preparation has already been completed and successfully negotiated will be commenced with effect from 1<sup>st</sup> May 2008. Project period will be 4 years. Seven stake holder agencies namely MASL, ID, CEB, NASDB, MD, WRB & DMC are involved with the implementation of the project. Project Cost is US\$ 71.66 Million

The Major Components of the Project are as follows:

1. Dam Safety Assurance and Operational Efficiency Improvement
2. Upgrading & Modernizing of Hydro-meteorological Information System (HMIS)
3. Technical Assistance for Multi-sectoral Water Resources Planning:
4. Institutional Development and Capacity Building

- ◆ **Moragahakanda Multipurpose Development Project**

The feasibility study was completed and project implementation was commenced in January 2007. This project will be initially funded by GOSL and will try to get foreign funding to complete the project within 4 -5 years as co-financing or parallel financing. Total project cost is US\$ 425 million. This will be the 4<sup>th</sup> largest reservoir in the country.

## **(5) Main events in 2007**

<Please write about the main events which were held in 2007 which your organization involved in>

- ◆ Moragahakanda Project was inaugurated in January 2007
- ◆ Preparation of Dam Safety & Water Resources Planning Project was successfully completed.
- ◆ Organized and Conducted 3<sup>rd</sup> Thematic Workshop on "Sustainable Management of Water Resources Infrastructure" 12-16 December 2007, Kandy, Sri Lanka.

## **2. About NARBO activity**

### **(1) The contact person and organization's web-site**

#### **1) The name, position, phone & fax number, e-mail address of the contact person**

Sudharma Elakanda, 0094-11-2675315, [elamrrp@sltnet.lk](mailto:elamrrp@sltnet.lk)

Dam Safety & Water Resources Planning Project. (DSWRPP)

#### **2) The organization's web-site URL (English and local language respectively)**

<http://www.mahaweli.gov.lk>

### **(2) Activities your organization implemented in 2007 as the member**

1. Attended and actively contributed for the 4<sup>th</sup> & Final Thematic Workshop on Water Allocation & Water Rights, 23-26 January 2007, Saitama, Japan.
2. Attended for the Workshop on Water Rights, 29-31 May 2007, Manila, Philippines. Also actively participated for Secretariat meeting held at ADB Head Quarters on 1<sup>st</sup> May 2007.
3. Director General of MASL and Vice- Chairperson of NARBO attended for the 3<sup>rd</sup> South East Asian Water Forum in 23-24 October 2007 in Malaysia.
4. Represented all 4 Thematic Workshops on "Sustainable Management of Water Resources Infrastructure" held in Vietnam, Bangladesh & Sri Lanka and Thailand.
5. Organized and Conducted 3<sup>rd</sup> Thematic Workshop on "Sustainable Management of Water Resources Infrastructure" 12-16 December 2007, Kandy, Sri Lanka.

### **(3) Resolutions and expectations for NARBO activities in 2008**

<Please refer to NARBO Action Plan 2008-2009 in the website>

#### **1) Your organization's resolutions**

<Please write about your resolutions or how your organization contribute to NARBO activities as the member>

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#### **2) Expectations of NARBO activities**

<Please write about what your organization expects of NARBO activities>

Sharing experience among member countries through Training Programmes, Twinning Arrangements, Thematic Workshops, Peer Review of RBO etc., also willing to organization Training Programmes in Sri Lanka too.

### **3. Questions to RBO members**

(1) Areas which your organization has improved the performance in 2007

Prepared a New Project to address Water Resources Planning, Hydro-Meteorology Information System to focus on RBO concept accordingly.

(2) The way in which your organization was able to do so

MASL is having necessary Human Resources Strength.

(3) In what way NARBO has helped your organization

By creating an opportunity to share valuable experience in the Water Sector and RBO Sector among member countries and apply good practices to our own RBO.