

NETWORK OF ASIAN RIVER BASIN ORGANIZATIONS (NARBO)

Annual Report 2006 - Mahaweli Authority of Sri Lanka (MASL)

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Name of the editor: *Sudharma Elakanda*

Project Co-ordinator, NAWAM/MASL

1.About the organization

(1) Name of the organization

Mahaweli Authority of Sri Lanka

(2) 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".

(3) Outline of the organization

1) Number of staff – 4600 Nos.

2) Amount of the annual budget in 2006 – US \$ 35.0 Million

3) Organizational chart – See Annex 1

4) Ongoing Projects

- **Uda Walawe Left Bank**

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 2005. 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.

Overall progress up to the end of December 2003 was 20%. 2004 budget allocation for the project is Rs. 897.9 million and targeted to complete 70% of the work and settling the balance number of families.

- **Saudi Fund Project**

System B Left Bank comprises 26,680 ha. of gross irrigable land of which 17,415 ha. of net area have been already opened up for

agriculture. 16,836 farmer families and 5,090 non farmer families totaling to 21,926 families have been settled. Total estimated cost of the project is Rs. 10,168 Mn. Expenditure up to September 2003 is Rs.9,118 Mn. The project was financed by the Saudi Fund for Development, European Union, USAID, OPEC and Government of Australia

Work items funded by the SFD includes (a) Improvement of the 1 km of branch canal, construction of about 115 km of Distributory canals, 265 km of field canals, about 235 km of main, secondary and field drains and about 25 minor tanks in the project area. (b) jungle Clearing and Rough leveling for Zones 2,3 & 4. (c) Construction schools, dormitories & teacher's quarters and the provision of furniture for schools, construction of social, administration & service building, utilities & hamlet electrification in Zone 3 & 4. (d) Construction of 4 km of MARD roads (link roads) about 144 km of Market Roads, about 266 Km. of village roads and access roads in Zone 2, 3 &4 and bitumen surfacing of 154 km. of market roads in the project area and (f) Provision of farm machinery, equipment, vehicles & spare parts & agricultural implements & building materials for farmers. Total loan amount was Saudi Riyals 85 m. (Rs. 607.325 m) (Saudi Riyal 1 = Rs.7.145 as at 30th May, 1984).

Development works in Zone 1 , Zone 2 and Zone 5 have been completed while 78% work in Zone 3 and 57% work in Zone 4A have also been completed. Overall progress of project parts financed by SFD was 93% as at end December 2003.

Budget allocation for the year 2004 is Rs. 82.5 million. Targets for the year include completion of balance work of water supply schemes, provision

- **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 2004. 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 .Cumulative expenditure up to end December 2003 was Rs. 191.56 Mn.

Budget allocation for the year 2004 is Rs. 216 Million.

- **National Water Management Improvement Project (NAWAM)**

The National Water Management Improvement Project (NAWAM) 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 Consultants have been selected and awarded the Consultancy Contract to design NAWAM Project and the Preparation of Project Implementation Plan.

Project Cost is US\$ 65 Million

The Major Components of the Project are as follows:

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

(5) Big events in 2006

Organized and Conducted 4th NARBO Training Programme on "Water for All - Lessons Learnt & Meeting Future Challenges" 6th - 10th November 2006, Colombo, Sri Lanka.

2.About NARBO Activity

(1) Activities your organization implemented in 2006 as the member

1. *Attended for the 2nd General Meeting of NARBO and made a presentation on Water Quality Management of Kalaoya Basin in Sri Lanka , 13-17 February, 2006 in Jatiluhur, West Jawa, Indonesia.*
2. *Organized and Conducted 4th NARBO Training Programme on "Water for All - Lessons Learnt & Meeting Future Challenges" 6th - 10th November 2006, Colombo, Sri Lanka.*
3. *Participated for " Piloting of the Performance Benchmarking Tool for RBOs & the Pear Review Process, 12th - 15th December 2006 in Sri Lanka..*
4. *Attended for the 3rd Thematic Workshop on Water Allocation & Water Rights, November 28th - December 1st 2006, Bangkok, Thailand.*

(2) The contact person and organization's web-site

1) The name of the contact person and contact number (including e-mail address)

Sudharma Elakanda, 0094-11-2675315 , elamrrp@sltnet.lk

2) Your organization's web-site URL (English and local language)

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

(3) Resolutions and expectations for NARBO activities in 2007

1) Your organization's resolutions

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

2) Expectations 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.

(4) About the NARBO web-site (<http://www.narbo.jp>)

- 1) Whether you can access to the NARBO web-site.- (Yes / No) *Yes*
- 2) Whether you can access to the ADB's web-site (<http://www.adb.org/>) and the ADBI's web-site (<http://www.adbi.org/>) - (Yes / No) *Yes*
- 3) Who can accesses NARBO web-site usually?

All Key Officers in MASL - Director General / Executive Director/Directors & All Engineers

4) How often do you access to the NARBO web-site on the average?

Once a Week

5) What content are you interested in most and what information do you want to get from the NARBO web-site?

News Letters and Outcome of various NARBO Workshops & Activities.

6) What do you think we need to do to get more hits to the NARBO web-site?

Introduce some promotion programmes i.e. competitions.

7) What do you think we need to do to stimulate information exchange among members through the NARBO web-site?

No Suggestions.