# Annual Performance Report January - December 2016



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# 1. Development Activities carried out in year 2016

# 1.1 Cumulative Financial Progress

Capital budget (Revised) for the financial year 2016 was SLRM 3,775. In addition donor funded projects such as Moragahakanda Kaluganga Development Project (OPEC, KUWEIT, CHINA), Dam safety and Water Resources Planning Project (World Bank), Umaoya Multipurpose Development Project (IRAN) and Climate Resilient Improvement Project (World Bank) are being implemented covering Mahaweli development area zones. Accordingly, for the financial total capital investment for the financial year 2016 was accounted SLRM 46,621. Financial progress for the financial year given below.

Description	Budget Provision	Amount Released (Up to end of December 2016)	Expenditure (Up to end of December 2016)
Mahaweli Projects	44,621.00	31,335.89	31,308.31
Mahaweli Consolidated Project (CF)	500.00	499.00	494.22
System B Maduru oya RB Development project (CF)	225.00	192.10	182.85
Redeemaliyadda Integrated Development Project (CF)	120.00	100.29	99.98
Welioya Integrated Development Project - System L (CF)	605.00	580.50	580.50
Implementing a mechanism to protect river bank of Mahaweli – Gatambe (CF)	125.00	63.00	63.00
Rehabilitation of Major and Medium Irrigation Schemes including emergency infrastructure rehabilitation works (CF)	200.00	191.45	178.21
*Moragahakanda Kaluganga Development Project (FL,RF,FF)	22,500.00	19,797.5	19,797.5
*Dam Safety and Water Resources Planning Project (Mahaweli Portion) (FL,FF)	709.00	1,099.00	1,099.00
*Umaoya Multipurpose Development Project (FF)	19,176.00	8,354.05	8,354.05
**Climate Resilience Improvement Project (Mahaweli Portion) (FL,FF)	461.00	459.00	459.00
Administration and Maintenance (CF)	2,000.00	1,053.00	1,663.38
Total	46,621.00	32,388.89	32,971.69

<sup>\*</sup>These projects are being implemented in the Mahaweli development areas and is directly supervised by the Ministry of Mahaweli Development and Environment. At the successful completion, all the projects will be handed over to MASL.

<sup>\*\*</sup>This project is being implemented directly under the Ministry of Irrigation and Water Resources Management and partially implemented in the Mahaweli areas.

CF - Consolidated Funds, FL - Foreign Loans, RF - Reimbursable Foreign Loans, FF - Foreign Funds

# 1.2 Mahaweli Projects

# 1.2.1 Mahaweli Consolidated Project

Source of Funds : Domestic Funds

Total Estimated Investment : SLRM 4,910 (Revised Budget)

Project Period : 2007-2018

Mahaweli Consolidated Project has been commenced with the objective of increasing income levels of rural communities settled in the Maduru Oya Left Bank area assuring irrigation water supply for their agriculture. Project activities include rehabilitation of irrigation network that was built during 1982- 1986. (a) Maduru Oya Left Bank for improving water management including 52km of main channels, 65km of branch channels, 459km of distributary channels, 1,138km of field channel, 54km of drainage channels, 80km of operation and maintenance of rural roads, and small tanks (b) Improve selected water supply schemes built under the Village Self-Help Project, (c) Supporting agricultural development and strengthening farmer organizations (d) Implementation of appropriate environmental conservation programmes.

Financial allocation (revised) for the financial year 2016 SLRM 500 out of which SLRM 494.21 (99 %) has been effectively utilized during the year 2016

No	Avtivity	Unit	Physical progress Jan. –Dec. 2016
01	Construction and Rehabilitation of Field Channels	Кт	140
02	Construction and Rehabilitation of Distributery Channels	Кт	11.1
04	Rehabilitation of Rural Tanks	No	05
05	Construction of Drainage Channels	Кт	40.2
06	Rehabilittaion of Village Roads	Кт	2.2



# 1.2.2 System B Maduru Oya RB Development Project (Malwenna and Mahawelithanna)

Source of Funds : Domestic Funds

Total Estimated Investment : SLRM 935.49

Project Period : 2014-2018

The Mahawelithanna and Malwenna Mahaweli sysem Units are falls within the upper part of the Singhapura Block of the Mahaweli System B covering Polonnaruwa and Batticloa administrative Districts are being developed under the Project. Due to the internal conflict situation during last few decades within this area, most of the settlers were internally displaced. As a result there were approximately 1200 families left for their original native places from the settlement areas.

Once the conflict was is over, resettlement & rehabilitation work of the area has once again commenced under this special project in 2014. It is proposed to develop 859 homesteads and 859 irrigated land plots within the area of Mahawelithanna and Malwenna Units in Sighapura Block. Major activities of the project are ,(a) Resettle 859 displaced families in Singhapura block and reestablishment of the settlements (b) Develop 521 ha of existing underutilize lands for irrigated agriculture purpose and 174 ha of homesteads (c) Construction of Mahawelithenna Tank and related irrigation channels.

Financial allocation (revised) for the year 2016 was SLRM 225 out of which SLRM 182.85 (81%) has been effectively utilized during the year 2016.

No	Avtivity	Unit	Physical progress JanDec. 2016
01	Jungle Clearing and Rough Levelling	На	37.06
02	Construction of Distributery Channels	Km	3.1
03	Construction of Filed Channels	Km	5.85
04	Construction of Drainage Channels	Km	5.7
05	Construction of Village Roads	Km	3.34





# 1.2.3 Redeemaliyadda Integrated Development Project

Source of Funds : Domestic Funds

Total Estimated Investment : SLRM 1,100

Project Period : 2012-2018

Redeemaliyadda Divisional Secretary's Division in the Badulla Administrative District has been identified as one of the most remote and poorest DS division's in the country as per the Household Income and Expenditure Survey of the Department and Census and Statistics. Therefore five year investment plan has been prepared to development this DS area by the Mahaweli Authority. Main objectives of this project are to develop infrastructure facilities and to open up agriculture based production and sustainable income avenues for the families in the area. Thus this project mainly focuses on (a) Development of commercial crop production (b) Livestock development and (c) Entrepreneurship development.

Allocation (revised) for the year 2016 was SLRM120 and were able to utilized SLRM 99.97 (83%) during the year.

No	Avtivity	Unit	Physical progress Jan. –Dec. 2016
01	Rehabilitation of Rural Roads	Km	10
02	Rehabilitation of Tanks and Bunds	No	3
03	Construction of Agro Wells	No	40
04	Rural Infrastructure Development (Stores, Clincs etc.)	Buildings	18
05	Construction of Latrines	No	300
06	Construction of Drinking Wells	No	90

Further, 82 training programmes in various subjects areas were conducted under the project to improve the skills and capacities of people in the project area.



Construction of Dunukewela Road

Dehigama School building

## 1.2.4 Welioya Integrated Development Project -System L

Source of Funds : Domestic Funds

Total Estimated Investment : SLRM 3,957

Project Period : 2012-2018

This project focuses to implement development activities in Mahaweli system "L" extent more than 62,000 ha of land area covering four Administrative Districts, Anuradhapura, Vavuniya, Trincomalee and Mullativu. Project area consist with 9 zones and zone 4 and 5 has been completed with initial infrastructure development activities while completing the settlement of 3,100 families during the year 1981. However, it was unable to continue the development process in the project area due to conflicts situation spread covering entire Northern Province, North Central and Eastern Province since mid 1980s.

Due to conflict situation, infrastructure facilities such as village tanks, irrigation system, road network as well as public buildings were subject to heavy damages which has been badly affected to general public in this areas.

Therefore this project has been introduced for the purpose of (a) Resettlement of approximately 7,000 families and (b) Rehabilitation of infrastructure facilities in the area.

Financial allocation (revised) for the year 2016 was SLRM 605 out of which SLRM 580.51 (96%) utilized during the year 2016.

No	No Avtivity		Physical progress Jan. – Dec. 2016
01	Jungle clearing and Rough Leveling	Land lot	581
02	Rehabilitation of Roads	Km	40.2
03	Construction and Rehabilitation Of Distributary Channels	Кт	5.19
04	Construction and Rehabilitation of Field Channels	Кт	10.52
05	Construction of Drinking Wells	No	100
06	Construction and Digging of Agro Wells	No	30
07	Distribution of Nursery Trays	No	10,200
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# 1.2.5 Implementing a mechanism to protect river bank of Mahaweli – Gatambe

Source of Funds : Domestic Funds

Total Estimated Investment : SLRM 698.97 (Revised)

Project Period : 2013-2017

This project has been commenced since 2013 for the construction of 499 m long gabion retaining wall with the height of 15 m along the Mahaweli River Bank beginning from the premises near Department of Animal production and Health up to Mahinda Rajapaksha ICT Center premises in Gatambe, Peradeniya in the Administrative District of Kandy due to severe erosion of the river banks in geological section. Up to end of December 2015,176 meters of gabion walls were constructed from the entire project.

Financial allocation (Revised) for the year 2016 was SLRM 125 of which SLRM 63 (50%) has been utilized during the year 2016

No	Avtivity	Unit	Physical progress Jan. – Dec. 2016
01	Construction of Gabion Wall (Stage 1)	т	41



Construction of gabion wall

# 1.2.6 Rehabilitation of Major and Medium Irrigation Schemes including emergency Infrastructure Rehabilitation Works

Source of Funds : Domestic Funds

Total Estimated Investment : SLRM 825
Project Period : 2015-2018

The project focuses for (a) Repair and maintenance of major head works and reservoirs, (b) Rehabilitation of irrigation infrastructure and (c) Construction and rehabilitation of roads along the irrigation distribution channels in Mahaweli Systems B, C, H, L, Huruluwewa, Udawalawa and EIC units under Head works and Maintenance Division of MASL.

Financial allocation (revised) for the year 2016 is SLRM 200 of which SLRM 178.21 (89%) has been effectively utilized during the year.

# 1.3 Maintenance and Development

Mahaweli Authority of Sri Lanka responsible for the Operation and Maintenance of 10,821 km. of irrigation channel network, 333 large, medium and minor reservoirs to ensure the efficient irrigation water management and supply for 105,522 ha. of agriculture land area in its 10 Systems for the purpose of agriculture enhancement in line with the country's National Food Production Programme. Maintenance and rehabilitation of road network and other infrastructure facilities in the Mahaweli areas coming directly under the purview of MASL for the benefit of approximately 275,000 families.

Further, effective land management, entrepreneurship development, environment conservation and institutional development and facilitation of cultural and sports development activities in Mahaweli settlement areas for the benefit of current and future generations of Settlers area also key activities of MASL. The budget allocation for the year 2016 is SLRM 2, 000 of which SLRM 1,663.38 (83%) effectively utilized during the year.

#### 1.3.1 Irrigation System Maintenance

Secondary growth clearing, de-silting, repairs and improvement of irrigation systems and structures, graveling roads etc. are coming under Mahaweli irrigation systems maintenance tasks. The allocation in the year 2016 is SLRM 337.09, of which SLRM 299.31 (89%) effectively utilized to perform above activities successfully during the year.

1,007 registered farmer organizations are operating in the Mahaweli areas and operation and maintenance of distribution channel network has already been handed over among 10 highly efficient farmer organizations during the year 2016 and amounting to total no of 789 farmer organizations up to end of 2016. Further, upgrading 20 framer organizations to demonstration level and 36 farmer organizations to the commercial level during the year 2016 under the guidance of Institutional development division.

## 1.3.2 Land Alienation

During this period, 82 new land plots for housing and 06 land plots for commercial purpose were issued under the Crown Land Ordinance (CLO) and 60,574 land grants/permits were issued among the settlers to ensure their land ownership, while issuing 50 no of land grants among the temples during the year. 13,291 new land plots have been surveyed up to end of December 2016. SLRM 217.2 of lease income has been collected during the year 2016.

#### 1.3.3 Agriculture & Livestock Development

#### **Agricultural Productivity Enhancement Programme**

The programme has been initiated to entire enhancement of local food crop cultivation and livestock production which will lead to reduce agricultural imports to the country thus establishing country's food security in line with National Food Production Programme. Series of programmes such as promotion of OFC, introduction of hybrid seed paddy, increasing use of organic fertilizers, establishment of new farms & nurseries, promotion of export quality rice production were launched and cultivation of traditional paddy varieties has been also promoted under the program. Awareness programmes and workshops were held on improved Dairy production, poultry production, inland and ornamental fish production activities were conducted under the livestock development programme.

#### **Agricultural Crop Cultivation**

Extent of paddy cultivation in Mahaweli areas recorded as 94,735 ha with approximately production of 541,000 mt of paddy production were recorded in 2015/2016 Maha season. The average yield in terms of paddy was 5.62 mt/ha in Mahaweli areas. The extent of paddy cultivation in 2016 Yala season were approximately 63,893 ha with approximately production of paddy were recorded as 343,454 Mt. The total paddy production for 2015/2016 Maha and 2016 Yala were approximately 884,868 Metric Tons.

The extent of Other Crop Cultivation (Other Field Crops, Fruits, Vegetables and Perennial crops) were approximately 45,000 ha consist 2,421 ha of Soya Bean, 4,373 ha of Maize, 1,713 ha of Big Onion, 821 ha of Chili, 813 ha of Black Gram, 1,238 ha of Cowpea, 536 ha of Ground Nuts. Cropping intensity was recorded as 178 during the end of the year. Further 13,046 ha of Fruits and 7,111 ha of Perennial Crops were also cultivated.

According to the Department of Agriculture data, MASL plays an active role in local agriculture production and development of the country while it accounts to 20% of Paddy, 55% of Soya bean, 35% of Big Onion and 8% of Chili production during the year 2016.

## **Dairy Development Programme**

Dairy farming is promoted in Mahaweli areas as an additional income generation source and supported to provide high nutrient level among Mahaweli settler community. Livestock Development

Division of MASL is responsible for the implementation and monitoring of dairy development programmes in the Mahaweli systems.

It was recorded as 110,630 Cattle population in the Mahaweli areas while produced approximately 30 million liters of milk during the year 2016.

During the period, 135 new cattle sheds were built and 11 milking machines were distributed among needed farmers. Further, 6 breading centers were established to upgrade genetic potential of dairy cattle population in the systems.

118 training programmes were conducted for the capacity building of farmers, school children's and field officers. Further, 39 animal clinics were conducted for the improvement of animal health. While 3 milk cooling centers were established, 22 programmes were conducted under the "Milk Week" diary programme during the 2016.

#### Inland Fisheries and Ornamental Fish Culture

Inland Fishery Development within Mahaweli reservoirs was a key initiative implemented which helped farmers to increse the income levels and to upgrade the nutrition consumption level among Mahaweli Settlers. 14650 Metric Tons of inland fish production reported within the year 2016. Inorder to improve the fish production, 632,000 fingerlings were released and 4 breading centers were established. Further, for the improvement of ornamental fish production 92 mud ponds were constructed and 2 collection centers were established. Furthermore, to strengthen the fishery communites 7 Fisheries Societies were established during the year.

#### 1.3.4 Institutional Development

Upgrading socio – economic conditions of Mahaweli settlers through providing entrepreneurship opportunities, capacity building, institutional strengthening, women empowerment, social and cultural development were major initiatives implemented as post settlement programme of MASL. Accordingly, Institutional Development Division of MASL has organized series of programmes and workshops covering above subject areas for the betterment of second and third generations of Mahaweli settlers.

It was able to conduct 3,067 institutional development programmes, 736 Community development programmes and 61 programmes related to women development during the year.

#### 1.3.5 Forest & Environment

#### **Forest & Environment Conservation**

Environment Division continues to manage and co-ordinate all environmental activities within Mahaweli areas. Assigning priorities for the "Punurudhaya ( පුනරුදය) " the three year action plan

under the national environment programme while conducting a "Neela Haritha (නීල හරිත )" programme with the Environment Ministry for the implementation of green concepts practically in all Mahaweli areas starting the year 2016.

Annual allocation for the forest & environment conservation activities was SLRM 50 of which SLRM 48.7 (97%) utilized during the year 2016. During this period 230 cubic meters and 15,423 meters of soil conservation under the natural resource conservation and construction of 21 Km long of live fence, 6 Km of Electric fence and further maintenance of 75 Km long existing fence was completed. During the period, 88 water quality reports were produced under the water quality monitoring programnme to ensure the water quality of the Mahaweli area. 763,632 plants were produced under the nursery management and plant production programme while 133 no of Environmental Education and Awareness programmes were conducted during this period with the participation of school







#### Renewable Energy production Enhancement (Mini Hydro Power Projects)

Letters of intents have been issued for the construction of 20 mini hydropower stations in Mahaweli areas with a total capacity of 57.3 MW of hydropower. Environmental approval has been given for 16 projects of which 10 projects have been already commenced for commercial operation up to end December 2016 with the capacity of 30.1 MW.

## 1.3.6 Business Development

Renovation of 07 circuit bungalows have already been completed and provision of new furniture purchased from Timber Corporation have been completed for all of the bungalows (07) during the year 2016. It is supposed to complete the renovation work of Pimbureththewa at the end of June 2017.





Kalawewa

Dehiaththakandiya

# Investments opportunities for Private Sector in Mahaweli Areas

Approvals were granted to new commercial agriculture and other development projects in Mahaweli lands during the year 2016.

Agriculture and Livestock 7	Industries ( Rice, Quarry ,Garment ,Salt ) 6
Service ( Fuel station , other) 4	Environment Projects (Boat , Land ) 6
Solar Power plants 2	

# Promotion of Small and Medium Scale Enterprises (SME's)

SME programmes organized with the support of Regional Development Bank (RDB) were able to assist 78 entrepreneurs in Mahaweli areas amounting to SLRM 13.82 under the "Mahaweli Saviya (මහවැලි සවිය)" special loan programme. Under the "Mahaweli Diriya (මහවැලි දිරිය)" special loan programme it was able to assist 8 farmer organizations for their business development accounted SLRM 10.7 during the year 2016.

# 1.3.7 Facilitate the Convenient Working Environment

## i. Human Resource Development / New Recruitments / Staff Promotions

To provide efficient and effective service the authority was able to complete most of it's carder recruitments in line with revised SOR.

Number of Vacancies Fulfilled		Promotion	s
Senior Management (HM)	01	Senior Management (HM)	01
Middle Management (MM)	56	Middle Management (MM)	45

Junior Management (JM)	12	Junior Management (JM)	68
Management Staff	262	Management Staff	62
(MA 3, MA 2-2, MA 1-2)		(MA 3, MA 2-2, MA 1-2)	
Total	331	Total	176

## ii. Procurement Plan

During the year 2016 following equipment were process and supplied to improve the working efficiency.

Office Equipment	Number of Units
Desktop Computers	261
Laptop Computers	68
Printers	106
Photocopy Machine	74

Office Equipment	Number of Units
UPS	252
Media Projectors and Screen	28
Fax Machine	8
Dot Matrix Printers	10

# iii. Training

To improve the strengthen of the employee while bringing them to the higher level of skills and knowledge several training programmes were conducted under varies subject by the training division of the authority.

Training Programmes Conducted			
	Programmes	Participants	
Senior Management (HM)	1	35	
Middle Management (MM)	4	128	
Junior Management (JM)	11	237	

Management Staff	16	827
Total	32	1227

# 1.3.8 Legal Enforcement

During the year 2016, 116 court cases were follow up by the legal division under the guidance of Attorney General Department while the head works division involved in 11 case hearings, 04 legal discussion were conducted to solve some of the pending legal cases of MASL.

# 1.3.9 Water Management

The Water Management Secretariat (WMS) ensured the efficient utilization of the water resources of Mahaweli reservoirs. While coordinating with CEB, Water Board, Dept. Irrigation, and Metrology Dept. to meet the countries' Agriculture, Hydro energy, Drinking and water requirements. WMS also provided information and recommendations to the Water Management Panel to assist it in reaching its operational policy decisions.

# **Water Storage Capacity of MASL Reservoirs**

Reservoirs	Maximum Capacity Level (MCM)		
Reservoirs	2016		
Kothmale	172.9		
Polgolla	4.1		
Victoria	721.2		
Randenigala	861.4		
Rantambe	7.0		
Bowatenna	23.5		
Uda Walawa	278.2		
Dambulu Oya	11.7		
Kandalama	33.8		
Kalawewa	123.7		
Ulhitiya/ Rathkinda	145.3		
Maduru Oya	596.6		
Total	2979.4		

# 1.3.10 Internal Audit

To ensure the effectiveness of the functions of the authority under the Internal Audit division 11 field visits were conducted for audit in the systems, Issued 14 audit reports and conducted 24 audit inquiries during 2016.

# 2. Power Generation Capacity of Mahaweli Reservoirs

Reservoir	Total Capacity (Approximately) (MCM)	Maximum Power Capacity (MW)	Power Generation 2015 (GWh)	Power Generation 2016 Jan. – November (GWh)
Kothmale	174	201	480.44	257.69
Polgolla	4	-		-
Victoria	722	210	795.28	563.12
Randenigala	860	126	434.56	304.94
Rantambe	7	49	213.05	134.79
Ulhitiya/Rathkinda	146	-		-
Maduruoya	596	-		-
Bowathanna	23	40	64.42	39.25
Udawalawa	268	6	21.42	15.54
Ukuwela (Power Station Only)		40	157.51	146.62
Total	2,800	672	2,166.68	1,461.94

# 3. Cabinet Memorandums forwarded in 2016

Cabinet Paper no and date forwarded		Title	Cabinet decision	
No	Date			
16/0063/704/003	2016.01.20	Combining a private investor to reorganize Mahaweli Livestock and Agri Business (Pvt)Ltd.	Grant approval to the proposal	
	6/0621/704/015   2016.04.19   regard to the alienation of	(i) Grant approval for the allocation of blocks of land as proposed		
16/0621/704/015		Taking a policy decision with regard to the alienation of lands of Mahaweli system "L"	(ii) Direct the relevant authorities to allocate the blocks of land as at (i) above , in a manner which does not interrupt the existing elephant corridors in the relevant areas	
16/0629/704/016	2016.04.19	Requesting a 100 acre land for the construction of cattle orphanage – Sri Bodhiraja Foundation, Bodhiraja Dharmayathanaya, Embilipitiya	(ii) Grant approval for the proposal  (ii) Direct the officers of Bodhiraja Darmayathanaya to register the proposed cattle orphanage under the Department of Animal Production and Health, Embilipitiya	

16/1274/704/034	2016.07.26	Granting tax relief for commercial lands alienated on lease basis in terms of the State Land Ordinance No.08 of 1947	(i)Grant approval for the proposals  (ii)Ministry of lands to take action to review paragraph (2) of Regulation 2017 made under the State Land Ordinance, No 08 of 1947 pertaining to annual lease amount of the land leased for commercial purposes and recommended suitable proposals to the cabinet
16/1883/704/053/TBR	2016.09.27	Direct assignment to Road Development Authority for improvement and surfacing of 11.1 km long main road, in Mullativu district that runs from Gajabapura area of Welioya to Nadunkerni town	Decide to grant the approval for the proposals
16/2013/704/055	2016.10.11	Annual Report of the Sri Lanka Mahaweli Authority for the year 2013	<ul> <li>(i) Grant approval to present the Annual Report of the Sri Lanka Mahaweli Authority for the year 2013</li> <li>(ii)Rectify the shortcomings and deficiencies pointed out by the Auditor General pertaining to the financial statement of the Sri Lanka Mahaweli Authority for the year 2013</li> <li>(iii)Submit the Annual Report of the Sri Lanka Mahaweli Authority for the year 2014 and 2015 to the cabinet</li> </ul>
16/2343/704/011-II	2016.11.15	Request for the proposals (RFPs) for Development of Renewable Energy project in Mahaweli economic zones.	(i)Grant approval in principle to the recommendation  (ii)Implement the recommendation in the memorandum and submit to the cabinet as join proposal,