

Annual Report

2017/2018



Lanka Rain Water Harvesting Forum

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**LANKA RAIN WATER HARVESTING FORUM
ANNUAL REVIEW REPORT
2018**

DATE: 14th July 2018

INTRODUCTION

This report reviews the activities of the Lanka Rain Water Harvesting Forum from July 2017 to July 2018 the twenty first year of existence of the Forum. The activities conducted are reported under the 4 main objectives of the Forum.

- Promotion
- Research & Development
- Training
- Networking

Major Successes

- The interest created among the private sector to install RWH system in their premises
- Conducting a Survey on the Perception of Users of Rain Water Harvesting Systems in the Seven Districts

Problems and Constraints

- Failed to win the competitive bidding of a RWH project to be implemented in the North with the funding of Government of India
- Extreme weather conditions experienced in the districts served (drought and floods)
- On-going legal matters (House and Vehicle)

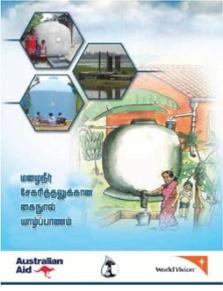
ACTIVITIES OUTPUT

Objectives	Activities	Output
Promotion	<p>Demonstration/ Household tanks</p>     	<p>Households</p> <ul style="list-style-type: none"> ➤ 80 RWHS x 8,000L capacity constructed at Arawatta GN and Serrana GN Heberawawe GN and Rotawella in Badulla district (USAID) ➤ 80 RWHS x 8,000L capacity constructed at Weragoda GN and Nawgala GN, Kalugahawadiya GN and Malagama GN Moneragala district (USAID) ➤ 40 RWHS x 8,000L capacity construction started at Naloor GN and Maduvilnadu GN, Kilinochchi District (USAID) ➤ 04 RWHS x 5000 L capacity PE tanks at Wahalkada, Kebethigollawa village in Anuradhapura District (Rotaract club of Achievers Lanka Business School) ➤ 01 RWHS x 8000L capacity constructed at Halabagaswewa Medawathchciya, Anuradhapura district (Personal Donor) ➤ 05 RWHS x 8000L capacity constructed at Helabagaswewa Medawathchchiya, Anuradhapura district (IDEA) ➤ 15 RWHS x 8000L capacity constructed at Chulipuram east GN, Ponnalai west GN, Araly west GN, Jaffna District (WV) ➤ 01 RWHS x 8000L capacity constructed at Arawatta, Mahiyangana (Agricola Qld (SLAQ) Inc. Brisbane, Australia) <p>Hospitals</p> <ul style="list-style-type: none"> ➤ 7 RWHS x 16,000L capacity in rural hospitals/clinics in Kilinochchi, Badulla and Moneragala districts (USAID) ➤ 1 RWHS x 16,000L capacity Suwa Udana Ayurveda Hospital in Anuradhapura District (Personal Donor) <p>Schools</p> <ul style="list-style-type: none"> ➤ 5 RWHS x 30,000L capacity in J/Moolai A.M.T.M School, J/Chulipuram East A.M.T.M school, J/Chulipuram North Aarumugam Vidyalayam , J/Vattu Karththikeya Vidyalayam , J/Kaddupulam G.T.M., Jaffna District (WV) ➤ 13 RWHS x 30,000L Capacity in Kilinochchi, Badulla and Moneragala districts

	<p>Awareness Programs</p>     	<p>Awareness programs in schools</p> <ul style="list-style-type: none"> ➤ 349 total parents and teachers participated in six awareness programs held at Badulla district in <ul style="list-style-type: none"> ➤ B/Dabagolla Sri Sumana school on 21st November 2018 ➤ B/Madaoya Vidyalaya, on 16th January 2018. ➤ B/Kukulapola Kanista Vidyalaya on 21st January 2018. ➤ B/Belaganweva Kanista Vidyalaya on 23rd January 2018. ➤ B/Akiriyanakubura M.V, Bibila, on 16th February 2018. ➤ B/Haddaththava Primary Vidyalaya, Sorabora Janapadaya, Mahiyangana, on 09th March 2018. ➤ B/Agalaoya Kanista Vidyalaya, on 22nd May 2018 ➤ 149 total parents and teachers participated in five awareness programs held in Jaffna District <ul style="list-style-type: none"> ➤ J/Moolai A.M.T.M. School on 05th June 2017 ➤ J/Chulipuram East A.M.T.M. School on 22nd June 2017 ➤ J/Aarumugam Vidyalayam School on 27th July 2017 ➤ J/Vattu Karththikeya Vidyalayam School on 28th July 2017. ➤ J/Kaddupulam G.T.M. School on 13th September 2017 ➤ 131 parents & teachers participated in five awareness programs held in Kilinochchi district <ul style="list-style-type: none"> ➤ KN/Piramantharu M.V on 15th January 2018. ➤ KN/Jayapuram M.V on 20th February 2018. ➤ KN/Mulankavil M.V on 06th April 2018 ➤ KN/Veravil Hindu M.V on 14th May 2018. ➤ KN/Akkarayan M.V on 29th June 2018 ➤ 293 parents & teachers participated in three awareness programs held in Moneragala District <ul style="list-style-type: none"> ➤ Mo/ Meeyagala Kanishta Vidyalaya on 18th January 2018. ➤ Mo/Nilawabadda K. Vidyalaya on 28th February 2018. ➤ Mo/ Mariarawa M.V on 9th March 2018. ➤ Mo/Hambegamuwa janapada K. Vidyalaye on 10th May 2018. ➤ Mo/Habaralugalla Knishta Vidyalaya, on 14th June 2018 <p>Awareness programs to Community</p> <ul style="list-style-type: none"> ➤ 28 total beneficiaries participated in the awareness program held on 31st October 2017, at Kalugahawadiya GN, Madagama DSD ➤ 10 total selected beneficiaries participated in the re-awareness program held on 25th November 2017, at Kalugahawadiya GN, Madagama DSD ➤ 48 total beneficiaries participated in the awareness program held on 11th December 2017, at Mallagama GN, Madagama DSD ➤ 14 total beneficiaries participated in the re-awareness program held on 14th December 2017, at Kalugahawadiya GN, Madagama DSD ➤ 13 totals participated in the awareness program held on 28th October 2017, at Nawgala GN, Moneragala District
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<p style="text-align: center;">Promotion</p>		<ul style="list-style-type: none"> ➤ 75 total beneficiaries participated in the awareness program on 12th October 2017 at Alhenpitiya Village Hebarava GN, Mahiyangana DSD. ➤ 85 total beneficiaries participated in the awareness program on 13th October 2017 at Rotalawela Diulapalassa Village Rotalawela GN, Mahiyangana DSD. ➤ 20 total beneficiaries participated in the re-awareness program on 17th November 2017 at Alhenpitiya Village Hebarava GN, Mahiyangana DSD. ➤ 20 total beneficiaries participated for the re-awareness program on 17th November 2017 at Rotalawela Diulapalassa Village Rotalawela GN, Mahiyangana DSD. ➤ 20 total beneficiaries participated for the re-awareness program on 17th November 2017 at Rotalawela Diulapalassa Village Rotalawela GN, Mahiyangana DSD. 11 total beneficiaries participated in the re-awareness program on 29th September 2017 at Naloor Village Poonakary DSD. ➤ 16 total beneficiaries participated for awareness program on 7th November 2017 at Madduvilnadu Village Poonakary DSD ➤ 34 community members participated in awareness program was held at Chulipuram east GN, Ponnalai west GN, and Araly west GN in May 2018. <p>Awareness program to officials</p> <ul style="list-style-type: none"> ➤ 75 participated in the awareness program at Divisional Hospital, Kandegedara on 30th July 2017 ➤ 5 total hospital staff participated in the awareness program held on 21st November 2017, at Daliwa Central Dispensary ➤ 57 total participated in the awareness program held on 22nd December 2017, at Wathalava Medical Clinic ➤ 35 development officers at Mahiyangana Divisional Secretariat were made aware of the project activities on 3rd October 2017. ➤ 05 hospital staffs participated in the awareness program held at Veravil Divisional hospital on 20th February 2018. ➤ Four hospital staffs participated in the awareness program held at Rathmalgaha alla Central Dispensary on 26th February 2018.
<p style="text-align: center;">Promotion</p>	<p>Symposiums workshops and events</p>	<ul style="list-style-type: none"> ➤ Presentation to Lions Club Colombo, Havelock Town on 25th October 2017 ➤ Workshop on Sustainable Water 2018 - Solutions to the Water Challenges in the 21st Century on the 13th March 2018, organised by Green Building Council ➤ Water and Sustainable Business Forum on Tuesday 27th of March 2018 at Mont Blanc, Mövenpick Hotel, Colombo. ➤ MAS Eco Go Beyond Leadership camp – 20th June at Thulhiriya ➤ 5 workshop held for 10 short Film producers from 7th April to 12th May 2018 at Rain Centre

<p style="text-align: center;">R&D</p>	<p>Research & Development</p>	<ul style="list-style-type: none"> ➤ Ten recharge systems constructed for monitoring quality and quantity of groundwater through RWH (5 Kilinochchi, 3 Badulla and 2 Moneragala Districts) ➤ Pilot testing to improving water quality through the introduction of different components ➤ Survey on the Perception of Users of Rain Water Harvesting Systems in the Seven Districts
<p style="text-align: center;">Training</p>	<p>Training programs</p>   	<ul style="list-style-type: none"> ➤ A 3-day training program for 38 professionals on “Rainwater harvesting and groundwater recharge” on 29th - 31st August 2017 held at Rain Centre. ➤ A training program on “Installation of mobile weather station” was held at Kn/Punnaineeravi G.T.M.S, Punnaineeravi GN, Kandawalai DSD, Kilinochchi on 23rd September 2017 for 18 school children and teachers. ➤ A training program on “Installation of mobile weather station” was held at B/Orubadiweva Maha Vidyalaya on 27th September 2017 for 16 school children and teachers. ➤ A training program on “Installation of mobile weather station” was held at Mo/Ethimalae Maha Vidyalaya on 28th September 2017 for 16 school children and teachers. ➤ A 2 day training program for 66 official (government and non-government) of Badulla district was conducted on 7th & 08th December 2017 in NWSDB, Badulla ➤ A 2 day training program for 52 official (government and non-government) of Badulla district was conducted on 15th & 16th March 2018 in Moneragala District Secretariat ➤ Workshop on open source weather station Community of Practical work held at RC from 21-23 March 2018 ➤ A training program on “Installation of mobile weather station” was held at Kn/Mulankavil M V on 10th May 2018 for 17 school children and teachers.
<p style="text-align: center;">Networking and Exchange of Information</p>	<p>National/International Meetings</p>	<ul style="list-style-type: none"> ➤ Meetings were held with the District Secretaries of Moneragala and Badulla to discuss project activities ➤ CEO participated at a USAID supported workshop for local partners at Johannesburg, South Africa ➤ MAS Eco Go Beyond Leadership camp – 20th June at Thulhiriya ➤ Workshop on RWH Perception Survey held on the 04th July at the Rain Center ➤ The International Conference on Water, Environment and Climate Change: Knowledge Sharing and Partnership held in Kathmandu, Nepal from 10-12 April 2018
	<p>News Paper, Magazine Articles</p>	<ul style="list-style-type: none"> ➤ 06 Sinhala and 05 English Newspaper articles on rainwater harvesting were published.
	<p>Webpage www.lankarainwater.org</p>	<ul style="list-style-type: none"> ➤ 26,840 visitors from July 2017- July 2018 ➤ Average monthly visitors 6,809
	<p>Social Media FaceBook and Twitter</p>	<ul style="list-style-type: none"> ➤ Facebook page is updated monthly on news and project activities.110 persons joined the page during the period of July 2016- June 2017. Total Users are 573 ➤ Twitter is up dated monthly on news and events. 42

	<p>Technical Advice</p>	<p>followers from July 2016- June 2017</p> <p>Received 08 technical enquiries and 30 general enquiries</p> <ul style="list-style-type: none"> ➤ Coca-Cola factory at Biyagama to conduct a feasibility study for RWH ➤ Star Hotels design for RWH for a hotel project in Kandy ➤ S-lon factory Pannala design for RWH ➤ Forbes and Walker at Plantation at Vannathavilluwa and Factory premises at Kadawatta design a RWH ➤ Wellangolla Estate, Kurunegala feasibility study for RWH ➤ R.M. de MEL Farms plantation, a feasibility study for RWH ➤ Galle Face Hotel, Colombo ➤ Ministry of City Planning and Water Supply
	<p>Library accession</p>	<ul style="list-style-type: none"> ➤ 8 Books
	<p>Printing & Distribution of Publication and promotional materials</p>  	<p>Printing</p> <ul style="list-style-type: none"> ➤ Booklet: “ Rain Water Harvesting Manual for Jaffna” Tamil 200 ➤ “Manual for Operation and Maintenance of Rain Water Harvesting System in Schools in Sri Lanka”- Tamil 200 ➤ Poster: “Varsha Short Film” - Sinhala-50/English 20 / Tamil 30 ➤ Poster: “Water Security through Rain Water Harvesting” - English 100 ➤ Varsha e-newsletters 2 issues: Aug/Sep 2017, Jan/July 2018 ➤ Souvenir bottles to winners of water quiz 1st round (161) ➤ Souvenir pens to all participants of water quiz 1st round (2500) <p>Distribution</p> <ul style="list-style-type: none"> ➤ Brochures: General (500) ➤ Rain water Harvesting Practitioners Guide for Sri Lanka: English- 5 , Sinhala-121 ➤ Booklet: Operation & Maintenance rain water tanks: Sinhala-120, Tamil-50 ➤ Poster: : “Rain is a gift from nature”: Sinhala- 50, Tamil- 5 ➤ Poster: “Varsha Short Film ” – Sinhala-50, English 30 ,Tamil 20 ➤ “Manual for Operation and Maintenance of Rain Water Harvesting System in Schools in Sri Lanka”- Sinhala 10 ➤ “Manual for Operation and Maintenance of Rain Water Harvesting System in Schools in Sri Lanka”- Tamil 50 ➤ Booklet: “ Rain Water Harvesting Manual for Jaffna”; Tamil 200 ➤ Mugs - “ 20th Anniversary” - 9 ➤ Souvenir bottles to winners of water quiz 1st round 160

Organisation Capacity Building	Staff training	<ul style="list-style-type: none"> ➤ Training program on GIS at PALM Foundation 20th & 21st of April 2018, Joint Coordinator (USAID project) ➤ Private Sector Engagement (PSE) Workshop 12th -13th &19th of October 2017, Chief Executive Officer, Deputy Director
Funding	Funded Projects	<ul style="list-style-type: none"> ➤ Provide Safe, Disaster Resilient Drinking Water to Floods and Drought Prone Areas in Sri Lanka (USAID) ➤ Install 100 Rainwater Harvesting systems in Households in Kilinochchi and Jaffna Districts in Sri Lanka (ONURS) ➤ Engaged rural water supply and Estate water projects in World Vision Lanka working Districts ➤ Introduction of a Rain Water Harvesting system with a view of Alleviating the Chronic Kidney Disease Epidemic in Sri Lanka Sri Lanka(Agricola Qld (SLAQ) Inc. Brisbane, Australia) ➤ Rainwater harvesting systems Mahakatchchakody, Vavuniya (IDEA) ➤ Install RWH system at Suwa Udaya Ayurvedic Hospital, Anuradhapura (Private Donation) ➤ Rain Water Harvesting Tank Construction at Haguranketha (Edward & Christie) ➤ Install 05 Rainwater Harvesting System at Halabagaswawe Villages and Mahakachchkody(IDEA) ➤ Install Rainwater Harvesting System at Wahalkada, Kabethigollewa Village in Anuradhapura District in Sri Lanka (Rotaract club of Achievers Lanka Business School) ➤ Perception Survey on domestic Rain Water Harvesting System (UNDP)
	Membership	Total membership 40

FUTURE PLANS

- Promote the Rain Centre as an exhibition and Training Centre
- Continue research on groundwater recharging
- Research on Water Quality
- Update Strategic Plan of LRWHF

Acknowledgments

Lanka Rain Water Harvesting Forum wishes to thank following supporters who contributed with funding :

USAID

World Vision Lanka

Office of National Unity and Rehabilitation (ONUR)

IDEA

H L De Mel Group Pvt Ltd

Personal donation from Ranjith Withana and Wimal Dias and Palika Gunawardena

Forbes & Walker

Green Building Council Sri Lanka

Rotaract club of Achievers Lanka Business School

UNDP

Agricola Qld (SLAQ) Inc. Brisbane, Australia

Our Partners

We are pleased to report that we obtained support for carrying out project activities from following partners during this year:

Ministry of City Planning & Water Supply, Sri Lanka

National Water Supply & Drainage Board, Sri Lanka

District Secretaries of Jaffna/ Kilinochchi/ Badulla/Moneragala/ Jaffna

Provincial Education Departments in Jaffna, Moneragala, Moneragala and Badulla

World Vision Lanka

Sri Lanka Film Cooperation

Sky Studio

TVT Lanka

ORGANISATION STRUCTURE OF LANKA RAIN WATER HARVESTING FORUM

BOARD OF DIRECTORS / MEMBERS OF THE COUNCIL OF MANAGEMENT

Chairman:	Eng. N.U.K. Ranatunga, Project Director, WB funded WATSAN project
Vice Chairman:	Mr. R. D. S. Ariyabandu, Freelance Researcher
Secretary	Mr. M.M.M. Aheeyar, Researcher, IWMI
Assistant Secretary	Eng. Mr Lal Premanath, PD Megapolis Ministry
Treasurer	Dr. C.S. Weeraratne, former professor in Soil Science
Assistant treasurer	Mr. Deva Hapugoda, Consultant Engineer
Non-post holder:	Major J. Gunathilaka

HEAD OFFICE & SECRETARIAT STAFF

Chief Executive Officer	Dr. Tanuja Ariyananda
Deputy Director	Ms. Ama Rajakarunanayaka
Accountants	Mr. Rajith Kakillarachchi
Joint Coordinator (USAID project)	Mr M.U.Madani Uwais (Nov 2017) Ms P Sasi Recka
Interns	Ms Chapa Adikari (University of Moratuwa) Ms Ishara Perera (University of Moratuwa)

KILINOCHCHI FIELD OFFICE

Field Co-ordinator	Mr. Rudra Wijeratnam
Secretary	Mrs Sivemohan Nanthini

MONERAGALA FIELD OFFICE

Field Co-ordinator	Mr Gaminin Ranasinghe
Field Officer	Ms Rathnayaka Mudiyansele Nudesha

**Lanka Rain Water Harvesting Forum
Income & Expenditure Summary for the Period of 01.04.2017 to 31.03.2018**

Description/ Donor	Grant Received (LKR)	Expenses Incurred (LKR)	Total Surplus/(Deficit) (LKR)
Rotaract Club	395,120.00	329,355.75	65,764.25
USAID -Safe Disaster Resilient Drinking Water to Flood & Drought Prone areas in SL	47,322,922.00	44,050,840.26	3,272,081.74
New Zealand Society for Peace, Unity and Human Rights SL	-	5,000.00	(5,000.00)
Sri Lanka Agricola-Brisbane Australia	1,000,000.00	387,653.43	612,346.57
UNDP Survey	1,093,992.00	903,898.87	190,093.13
Irrigation Department	33,000.00		33,000.00
IDEA	601,200.00	507,092.86	94,107.14
Office for National Unity & Reconciliation (ONUR)	4,344,021.50	3,364,272.83	979,748.67
World Vision Sri Lanka - Killinochchi	15,956.50	-	15,956.50
World Vision Sri Lanka - Jaffna	3,379,200.00	2,617,519.01	761,680.99
Personal Donation's	72,000.00	74,125.89	(2,125.89)
Grant Recived from Edward & Christie	133,000.00	250,892.19	(117,892.19)
Total Project Income & Expenses	58,390,412.00	52,490,651.09	5,899,760.91
ADD: Other Income/ Interest Income	1,266,053.80		1,266,053.80
LESS:			-
Administration Expenses /Other Expenses		4,576,905.30	(4,576,905.30)
Income Tax Expenses		534,739.64	(534,739.64)
Total (Deficit)/Surplus for the Period of 01.04.2017 to 31.03.2018	59,656,465.80	57,602,296.03	2,054,169.77

