



**WATER, SANITATION AND
HYGIENE INSTITUTE**

**ANNUAL REPORT
2013-14**



**BRIDGING THE KNOWLEDGE GAP FOR
SUSTAINABLE COMMUNITY BASED SOLUTION**

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oreword

I am happy to present highlights of the activities of the WASH Institute 2013-14 in this report which presents a glimpse into the wide ranges of activities we undertook.

The institute focused on its primary task of capacity building services for various stakeholders, and more than 2,000 people were trained through the capacity building training programmes held with staff at various levels of Government, with INGOs, NGOs and others in WATSAN to improve their performance in providing community based solutions on water and sanitation issues. The considerable expansion and strengthening of activities in the Northern States of Bihar, Jharkhand and UP are highlights of our services.

One of the major events conducted this year was the two-day National level Workshop on “Sustainable Sanitation with special focus on Ecological Sanitation”, in Patna, Bihar in association with Government departments, national and international agencies such as Government of India, Government of Bihar, Plan India, Stockholm Environment Institute, Population Service International, Water for People. The conference was represented by participants from across the country and well received.

Our other training were very diverse – in keeping with our mission to bring improved WASH to everyone:

Children We trained 600 school children on WATSAN and the impact of these trainings will help usher in a new generation of citizens to make India to achieve the status of Nirmal Bharat (“Clean Country), and this will have a major impact on the region as a whole.

Corporates Technical consultancy and capacity building services were provided to the RAMCO Cements Limited under their Corporate Social Responsibility.

WATSAN Professionals The Institute continued its formal academic courses for the third year with the regular conduct of two courses: PG Diploma Course in Environment Sanitation Science and Certificate Course for Health Workers. Several of our past students have been placed in reputed industries and organisations.

Alongside all these trainings we were able to get involved in a wide range of multi-disciplinary projects during the year: Faecal Sludge Management Research project in Bihar and West Bengal, Supporting Sustainable Sanitation Improvement project in Bihar, both supported by Population Services International and ECOSAN Research Project in five districts of Bihar funded by Stockholm Environment Institute, Stockholm.

Also the special project carried out with the Vattavada Panchayat (local Government) to enable the Government of Kerala to achieve Nirmal Rajya status was recognized by the Government of India, Government of Kerala and the community.

WASH Institute is extremely grateful to the Ministry of Drinking Water and Sanitation, GoI, Water and Sanitation Missions of various states INGOs, NGOs and communities for their continued association and support in capacity building efforts. The Institute sincerely thanks Plan India, SEI - Stockholm, PSI, New Delhi, Water for People and others for their support and financial assistance for carrying out capacity building and action research projects. We also express our gratitude to our Governing and Advisory Council Members for their continued guidance and support. WASHi is optimistic that it will expand its services to new and uncovered areas to create a pool of experienced resource persons at National, State and District level to support water and sanitation interventions across the country to create a healthy environment for all citizens.

Prakash Kumar
Chief Executive Officer

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Introduction

The Water, Sanitation and Hygiene Institute (WASHi) was established in 2008 as a non profit training and development organization dedicated to ‘strengthening the capacity, skills and knowledge among the stakeholders involved in water and sanitation sector across India’ by providing practical solutions to wide range of issues in water, sanitation and hygiene by engaging experts in the field. The Institute’s mandate is to train and groom professionals and other functionaries engaged in the sector.

WASHi has also established itself as an academic centre by offering two job oriented courses: a Post Graduate Diploma course on Environmental Sanitation Science (Sanitary Inspector’s Course); and a Certificate course for Health workers. The courses are affiliated to Madurai Kamaraj University, Tamil Nadu. These courses help to create trained human resource in the Sanitation and Health sector which is largely inadequate across South Asia. The demand for WASHi training has been steadily increasing as there are only few organisations in India to provide quality trainings on WATSAN issues. The demand for trainings, combined with the support by Central and State Governments and Plan India, helped WASHi to continue rendering quality programs, thus enabling departments and organisations to better implement the water and sanitation projects and quicken the pace of achieving the coverage and usage in water and sanitation sector.

The Institute has been widely recognised by various Government departments, INGOs and NGOs as a National Level Key Resource Centre approved by Ministry of Drinking Water and Sanitation, GoI and as an Academic Institution. WASHi has been spearheading capacity building efforts in WATSAN sector for community and service providers, implementation managers and policy-makers for bridging the knowledge gap on community based sustainable solutions.

There has been an ever increasing demand from various stakeholders for WASHi to undertake on activities (research projects, capacity and skill building services, technical interventions etc.), and this emphasizes the acute need for technical support in the WATSAN sector and the confidence in WASHi conducted programs. WASHi is at an important cross-road for enhancing its capacities and outreach.

WASHi Vision

A world in which all communities have access to safe, protected and sustainable drinking water and sanitation services, with improved hygiene practices.

WASHi Mission

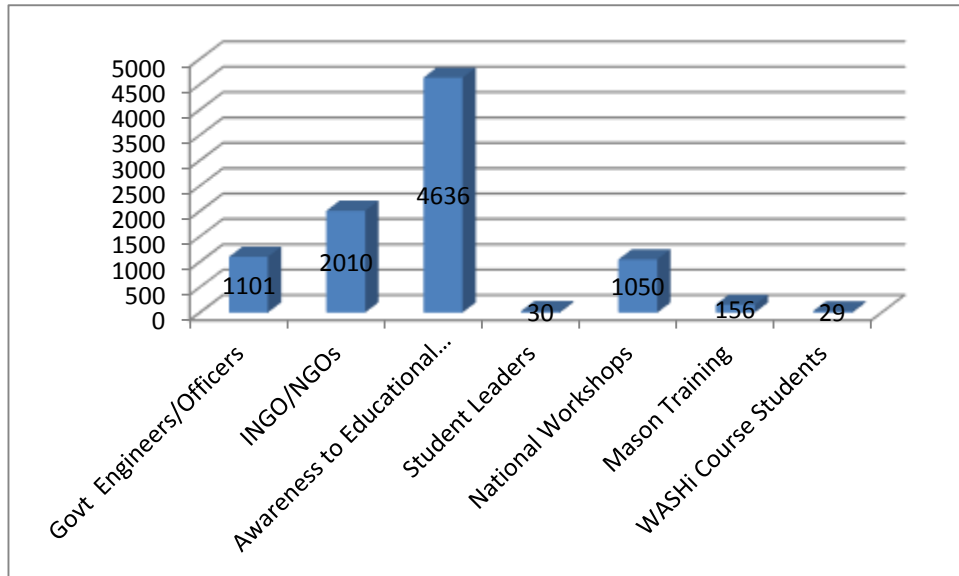
WASHi’s prime focus is to facilitate development of skilled professionals in water and sanitation sector with a community perspective to address the growing need of trained human resources in the sector.

Milestones

The Institute was established in 2008 and has achieved considerable growth in a short span of time. The milestones achieved over the years is presented below

			<p>2013-14 Handled wide range of research projects and technical intervention services from leading international organisations and Corporates.</p> <p>Our training reached 2000 people during the year</p>
			<p>2012-13 688 Government engineers, officers and INGO/NGO chief executives were trained during the year</p> <p>Field research projects in Bihar was carried out.</p>
		<p>2011-12 A branch office was set up in Patna, Bihar to cater to the needs of North Indian states.</p> <p>ToT training to 474 Government engineers, officers and INGOs/NGOs chief executives and awareness building training to 300 college students.</p> <p>A National workshop cum exhibition on drinking water quality was held at New Delhi in which 300 persons participated</p>	
		<p>2010-11 Recognized as one of the National Key Resource centre in WATSAN Sector, by Ministry of Drinking Water and Sanitation, Government of India</p> <p>WASHi receives affiliation for conducting two academic courses from Madurai Kamaraj University</p>	
	<p>2009-10</p>		<p>Conducted series of training on Ecological Sanitation for 135 government engineers and officials from across the country</p>
<p>2008-09</p>			<p>WATSAN sectoral study conducted by INGO to assess the felt need. Birth of WASH Institute</p>

Reach out through trainings over the years



Major Training Programs during the year 2013-14- A summary

	Name of the Training/events	Venue	Date	No. of Participants
1	National Workshop on “Sustainable Sanitation with Special focus on Ecological Sanitation”	Patna, Bihar	28-29 th Jun 2013	218
2	Training on Soak pit construction to PARDS	Dhanbad, Jharkhand	18-19 th Jun 2013	14
3	Capacity Building training to SHG leaders of RGMVP, Rae Bareilly, Uttar Pradesh	RGMVP, Rai Bareilly, UP	22-25 Sept 2013	66
4	Capacity building Training on Convergence of NBA and MGNREGA to Govt officials and Engineers, Karur District, Tamil Nadu	Kodaikanal, Tamil Nadu	6-9 Oct 2013	80
5	Two days orientation training to Children and SHG leaders	Adithi-Plan, Muzaffarpur, Bihar	25-26 Oct 2013	26
6	Children Workshop at Adithi for designing WASHi Desktop calendar and Planner	Adithi-Plan, Muzaffarpur, Bihar	12-14 Nov 2013	21
7	Training on ECOSAN and Hygiene promotion to CSO partners of Water For People on Hygiene	Sheohar, Bihar	21-27 Nov 2013	76
8	Panchayat level Workshop on “Integrated Water Sanitation and Hygiene” in the project area of Adithi-Plan (7 Batches)	Muzaffarpur, Bihar	3-17 Dec 2013	410
9	One day training for SHG leaders, AWW, ASHA, PRIs and Community leaders on WATSAN Issues	Maner, Bihar	2 nd Dec 2013	20
10	Capacity Building Training on Hygiene Promotion Techniques (15 Batches) and Capacity Building Training on Water Quality Testing for Student Leaders (15 Batches)	Project area-Adithi-Plan, Muzaffarpur, Bihar	Jan-Feb 2014	600
11	Capacity Building training of CSOs partners of Water For People	Sheohar, Bihar	22-25 Jan 2014	63
12	WATSAN awareness programs for Anganwadi children and staff	Vaishali, Lalganj and Hazipur in Bihar	Jan-Feb’14	63
13	Sanitation Marketing Training	Bihar	18-20 Jan 2014 20-22 Mar 2014	32
14	Hygiene Promotion Training for school children and teachers	Kodaikanal, Tamil Nadu	18 th Feb 2014	100
15	Capacity Building Training on Rainwater harvesting to Engineers and staff of RAMCO Cement	Pennadam Mine, Tamil Nadu	5 th Mar 2014	25
16	Master Mason training	Bihar	Jan- March 2014	156
17	Training on Community Led Total Sanitation (CLTS) approach at Prince Art and Rural Development	Dhanbad, Jharkhand	25-29 Mar 2014	80

The activities of the Institute during the year 2013-2014

Training Programs / Workshops

Since its inception, the Institute has been committed to extending capacity building training support to Government Officers, Corporate Companies, INGOs and NGOs in WASH sector. Some of the NGOs supported by the Institute during the reporting period were Population Services International (PSI) Bihar, Adithi-Plan Bihar, Water for People Bihar, Prince Art and Rural Development Society Jharkhand, Rajiv Gandhi Mahila Vikas Pariyojna, Uttar Pradesh, Hand in Hand in Tamil Nadu. In addition the Institute also conducted several training programs for Government officials, Engineers, Corporate staff and Schools children at different locations across the country.

ToT Training to Government Engineers/Officers

Capacity Building Training on Convergence of NBA and MGNREGS

At the request of the District Collector and Chairperson of the District Rural Development Agency, Karur District, Tamil Nadu, WASHi conducted two batches of capacity building training in October 2013 to the Government Engineers and Officers of the Karur District involved in the implementation of the Nirmal Bharat Abiyan (NBA) and MGNREGS Projects at Kodaikanal. 41 senior



Image 1 and 2: Government Engineers & officers from Tamil Nadu Training on Convergence of NBA & MGNREGS at Kodaikanal

Government Engineers and Officers participated in the first batch and 39 Officers attended the second batch of training. The participants are Executive Engineers, Block Development Officers, Assistant Engineers, NBA District/ Block Coordinators.

ToT Trainings to INGOs/NGOs

Training on Soak Pit to Prince Art and Rural Development Society, Jharkhand

WASHi organized a 2 days training program on Soak-pit construction for Technical staff of the NGO Prince Art and Rural Development Society (PARDS) at Dhanbad, Jharkhand during 18-19th June 2013. There were 14 participants in the training. Classroom training as well as on-the-site training was imparted on construction technology of Soak pit.

Capacity Building training to SHG leaders, Rae Bareilly, Uttar Pradesh

Impressed with the WASHi ToT training to their senior level program personnel at Kodaikanal, the NGO Rajiv Gandhi Mahila Vikas Pariyojana (RGMVP), Uttar Pradesh requested the Institute to conduct similar ToT training to grass root level SHG leaders for promoting water and sanitation

in the rural areas of Uttar Pradesh. The training was conducted in September 2013 in two batches at Rae Bareilly, Uttar Pradesh, each two days long. 36 SHG leaders in the first batch and 30 in second batches were trained.

Training on Ecological Sanitation and Hygiene Promotion, Bihar

WASHi conducted two batches of training on Ecological sanitation and hygiene promotion to CSOs supported by Water for People at Sheohar, Bihar. 58 participants comprising of Secretary of NGOs, Hygiene Coordinators, Water Coordinators, Community Mobilizers, Account Officers and Master Masons participated in the training held in November 2013. This program was supported by Water for People.



Image 3 Training on ecological sanitation & hygiene promotion – Sheohar, Bihar.

Two more batches of two-days capacity building training on Hygiene Promotion for partner NGOs of Water for People was conducted during Jan, 2014 by WASHi through which 62 participants were trained.

Training on Community Led Total Sanitation, Jharkhand.

To address the issue of open defecation, the District water and sanitation committee Dhanbad, Jharkhand requested WASHi to conduct training on Community Led Total Sanitation (CLTS) technique to staff of NGO Prince Art and Rural Development Society (PARDS), Dhanbad, Jharkhand. The 5 days training program on CLTS approach was conducted during 25-29th March 2014 at Krishi Vigyan Kendra, Dhanbad, Jharkhand. Eighty participants comprising of Block Coordinators, Cluster Coordinators, Mukhiyas and Jalsahiyas undergone the training.



Image 4 CLTS training to PARDS, Jharkhand

Other ToT trainings

ToT training for School children on Water, Sanitation and Hygiene

A two day ToT training program was conducted at ADITHI/ Plan PU at Muzaffarpur, Bihar in October 2013. 26 School children were oriented on different issues of water, sanitation and hygiene. Besides this SHG leaders also participated in this training.



Image 5 ToT training on WASH to school children, Muzaffarpur Bihar

Sanitation Marketing training Patna, Bihar

A three days training program on Sanitation Marketing as part of promoting sustainable sanitation in Bihar, for sales personnel was conducted by WASH Institute at Patna in January 2014 with the support of Population Services International. There were 13 participants comprising of sales representatives and Business Development Managers.

In addition WASHi conducted another three days training program on Sanitation marketing with the support of PSI at



Image 6 Training on Sanitation Marketing to Sales personnel

Seva Kendra , Khurji, Patna in March 2014 at which 19 sales people were trained.

The objective of this training was to ensure the newly appointed Sales Force Managers of PSI understood all the different aspects of Sanitation Marketing so that they can start working in their respective districts and boost demand for toilets.

Training on Rainwater Harvesting to RAMCO Cements, Tamil Nadu

On the request of RAMCO cements Tamil Nadu, WASHi organized one day capacity building training on 'Water harvesting technology' in March 2014 at Pennadam in Tamil Nadu to 25 Engineers and senior level staffs. In addition WASHi also provided technical support to RAMCO cements on Rain Water Harvesting Technology and Water Quality Management in their mines area at Alathiyur and Pandalkudi in Tamil Nadu.



Image 7 Training on Water harvesting to engineers RAMCO cements Tamil

Skill building training to Master masons for construction of Sanitary Toilets, Bihar

A five day skill building training for masons on the "Construction of Sanitary Toilets" was organized by WASHi at Parsa Bazaar in Fulwari Sharif, Bihar in January 2014 with the support of Population Services International. This was followed by 16 more batches of training February to June 2014 in different Districts of Bihar. In total 156 master masons were trained.



Image 8 Training to Master masons

Awareness building Programs

Training for Anganwadi, ASHA workers and PRIs on WASH, Maner block, Bihar

One day training on Water, Sanitation and Hygiene promotion was conducted on 2nd December 2013 at Maner block in Bihar The participants were ASHA and Anganwadi Workers, PRI Members and Community leaders.

Panchayat level Workshop on "Integrated Water Sanitation and Hygiene" in the project area of Adithi-Plan

On the request of ADITHI-Plan, Muzaffarpur, WASHi conducted 7 one-day community level workshops for PRIs, Parent Teachers Association (PTA), School Management Committee (SMC) members, Teaching and Non-Teaching Staff and Community Leaders on water sanitation and hygiene issues in different project areas of ADITHI- Plan PU at 7 different locations in December 2013. 410 persons were trained in this programme in total.



Image 9 Training to PRI, PTA on Hygiene promotion Techniques

Training on Hygiene Promotion & 8 batches of Water Quality Testing for School Children, Bihar

Eight batches of capacity building trainings on Hygiene promotion techniques and another eight trainings on Water Quality Testing were undertaken with the school children in the schools of ADITHI – Plan, Muzaffarpur, Bihar during January 2014. In all 320 school children were capacitated.

Seven batches of capacity building training on Hygiene promotion techniques and seven batch training on Water Quality Testing was given to 280 school children during February 2014.

The aim of the training is to build the capacities of the children - who are the most effective change managers and ambassadors within families and also the community.

Hygiene Awareness training to Anganwadi workers and children, Bihar

A one day awareness training on Hygiene promotion was given to the children and Anganwadi workers at Anganwadi centre No. 25 in Mallikpur in Vaishali District, Bihar on 16th January 2014. Twenty one children participated in the training. The training had a good impact on the young children about personal hygiene.

Two more awareness trainings on hygienic promotion was conducted respectively in February 2014 to the children and staff at Anganwadi centres No. 59 at Sariya and 60 at Khajachak in Lalganj Block, Vaishali District, Bihar in which 22 children participated.

Hygiene Awareness to School children, Kodaikanal

As part of promoting hygienic promotion among school children, a one day awareness training program was conducted at St. John's Girls Higher Secondary School in Kodaikanal, Tamil Nadu on 18th February 2014. 100 Girl Student leaders along with teachers participated. The students were taught about water borne diseases, their prevention and importance of safe drinking water. In addition a practical demo on Handwashing was done after explaining the importance of Hand Wash at critical times.



Image 10 Hygiene promotion training to School Children, Kodaikanal

Lobbying and Advocacy

National Workshop on “Sustainable Sanitation with Special focus on Ecological Sanitation”:

A two day National Workshop on ‘Sustainable Sanitation with special focus on Ecological Sanitation’ was organized in Patna, Bihar during June 28th and 29th, 2013, by WASH Institute. The Workshop brought together over 218 Officials, Engineers of Urban, Rural and Health Ministries and Senior Executives of International NGOs and participants from a wide range of disciplines from different parts of the country. The conference offered a good blend of plenary sessions, workshops and panel discussions.



Image 11 Mr Prakash Kumar, CEO delivers special address in the workshop

Mr. Vyas, IAS the Principal Secretary of the Department of Health & Family Welfare Government of Bihar, delivered the key note address.

Experts from New Delhi, Uttar Pradesh, Jharkhand, West Bengal, Orissa, Andhra Pradesh, Tamil Nadu and other States gave valuable suggestions in their respective deliberations and presentations. Dignitaries included Dr. P.K. Jha, MDWS, Govt. of India, New Delhi, Mr. Arumugam Kalimuthu, Country Director - Water For People, Dr. S. Shankar Narayanan, Director - PSI, Patna, Dr. A. K. Sengupta, DG, Sulabh Academy, Mr. Prabhakar Sinha, SDC Specialist, UP, Dr. C.A. Srinivasa Murthy, Karnataka and others.



Image 12 Participatory BCC Session in Progress

The workshop was divided into four technical sessions followed by state presentations and field visit to 'Taru Mitra', near Patna.

Special focus was given to ecological sanitation to explore new ideas and ways to strengthen sanitation program across the country and also to change the behaviour patterns of people to induce them to opt for sustainable ecological sanitation. A declaration on the recommendations was framed at end of the workshop and submitted to Government of India. The Ministry of Drinking Water and Sanitation, Plan India, Water for People (WFP), Stockholm Environment Institute, Population Services International (PSI) and Government of Bihar partnered with WASHI in conducting this workshop.

Key recommendations emerged from the workshop

- Sanitation should be treated as a priority sector with systematic planning to address 'Total sanitation' instead of the 'toilet construction' approach.
- The sector needs a specific communication strategy with more focus on interpersonal communication and BCC materials need to be designed rather than conventional IEC.
- Capacity building is needed of all the stakeholders involved, including project associated agencies like banks and credit institutions in addition to Government officers and beneficiaries.
- At the field level implementation needs integrating with concurrent monitoring, and impact evaluation to ensure the effectiveness of supply chain mechanism in delivering inputs, materials and subsidies.
- Community based approaches are best - where community members are given options of toilet design and choose what is desirable and affordable to them; Take a viable business model to entrepreneurs by strengthening the supply chains.

National Workshop on Training Need Assessment

The Ministry of Drinking Water and Sanitation (MDWS) GoI organized a two day National Workshop on Training Need Assessment (TNA) during 28-29th November 2013 at New Delhi. Mr. P. Velusami Program Coordinator| Principal WASH Institute participated in the Workshop.

Consultation Workshop "Open Defecation Free by 2015"

The Government of Tamil Nadu is aiming to become "Open Defecation Free State by 2015". The State Planning commission organized a workshop on 5th July 2013 at Chennai to plan and explore the strategies and challenges to achieve ODF status. The Planning Commission requested the WASH Institute to present a paper on how to achieve ODF status in Tamil Nadu. Mr P. Velusami, Programme Coordinator presented a paper in the workshop, analyzing the reasons for the present problems, challenges involved and proposed recommendation to Government to achieve ODF status.

Collaboration with Suchwitha Mission

WASHi Program Coordinator/Principal met and discussed with Mr. Rajan Khobragade IAS, Secretary Government of Kerala and Mr. Dileep Kumar Executive Director Kerala State Suchitwa Mission about the key role played by WASHi for the promotion of Sanitation in Vattavada Gram Panchayat in Kerala. Both of them rated the contribution of WASHi as “outstanding” and recognised the WASHi’s IEC as one of the best in Kerala State which can be replicated in rest of India.

Similarly the Programme Co-ordinator met Mr.Vijayaraj Kumar IAS, Managing Director Tamil Nadu Water and Drainage Board and explored possibilities of providing capacity building training services to the Engineers and PRIs in Tamil Nadu State.

Support to Field Projects

Action Research project on Ecological sanitation in flooded areas of Bihar

The ongoing SIDA / Stockholm Environment Institute (SEI) supported project on sustainable sanitation continue to be implemented in Bihar during the reporting period. The prime focus is to reduce human vulnerability in Bihar through better sanitation systems.

Activities of the project included construction of ECOSAN toilets - both individual and community - construction of Compostera toilets, construction of sanitation complexes in urban slums, providing capacity building training on CLTS, installation of solar energy panels, setting up of a fully fledged water quality testing laboratory and bringing out various publications of the research activities carried out. The urine application research project on crops gave encouraging results and the farmers reported harvesting a greater quantity of vegetables. The ECOSAN toilets have been found to be the ideal model for the flood affected areas of Bihar and to have increased the output of vegetables. Enthused by the outcome of the living examples of ECOSAN toilets, neighbouring farmers and villagers came forward to construct toilets at their homes and practice urine application to crops to enhance yields from farms and kitchen gardens.



Image 13 Application of urine for vegetable crops

Fecal sludge Management project with Population services International (PSI)

Safe disposal of Fecal sludge remains a big challenge in our Country. Different procedures of disposal practices are in vogue. Unsafe methods of disposal lead to many health and environmental hazards. A detailed landscaping study was conducted by WASH Institute and Population Services International to understand the exact Fecal Sludge Management (FSM) system practiced both in the rural and peri-urban areas and to list out some of the best practices being followed in the country on FSM. A number of activities were carried out under the project: a detailed desk review of literature; extensive field visits across India to find out the best practices on FSM; qualitative and quantitative studies in Bihar and West Bengal; and developing a viable business model for implementation in Bihar.

Supporting Sustainable Sanitation Improvement (3SI) project

In another major project being carried out in collaboration with Population Services International in Bihar, the Institute was involved in capacity building training to all the key actors in the value chain: masons, sales managers, turn-key solution



Image 14 WASHi PSI Consultation workshop meeting at Kodaikanal

providers and technical and field staff to strengthen the supply side. Post-training support and supervision was provided by visiting those places where the key actors work are essential to help them ensure the quality of the services being delivered.

The other key works included developing three distinct training modules, namely technical, marketing and management and preparation of a mason guide book on toilet construction techniques for imparting training to the value chain key actors.

The project was undertaken as nearly 80% of the population in rural Bihar does not have access to any sanitation facilities, and thus practice open defecation. The outcome of the project will be deeper penetration of toilet usage practices in rural Bihar by way of giving design options to the community at affordable prices and as a viable and profitable business to the entrepreneurs.

Nirmal Gram Panchayat Project at Vattavada, Kerala

Based on the encouraging results that were brought out in the Vattavada project during 2012, the Government of Kerala, as a part of its efforts to attain the Nirmal Rajya Status, requested the Institute to continue carrying out the IEC activities in the at Vattavada Gram Panchayat so as to create a sustainable and model clean village. The Institute implemented the six-month project in 2013 which has resulted in open defecation free villages in the panchayat. The formation of village level water and sanitation committee and convergence of Government of India flagship programme NBA and MGNREGS program with the support of PRIs and Community were the factors for the success of the program. The Suchitwa Mission Government of Kerala has recognized WASHi's Vattavada IEC model as one of the best in the entire State of Kerala. WASHi intervention will assist the Government of Kerala to become a Nirmal Rajya.

Mr. Vivek Singh, Sr. Programme Manager and Mr. R.K. Srinivasan, Technical Adviser, PLAN India accompanied by Mr. P. Velusami WASHi Program Coordinator made a visit to Vattavada during February 2014 to participate in the ODF declaration function.



Image 1 Declaration of ODF village, Samiyaralakudi, Vattavada, Kerala Image 16 Plan India team participating ODF declaration Vattavada, Kerala

The team were impressed by the success of the sanitation project in Vattavada which had brought positive impacts to the community and they suggested creating a video documentation of the project in order to replicate it elsewhere.

WASHi Academic Courses

WASH Institute is the only organisation offering formal and Non formal courses in Water, Sanitation, Health and Environmental Hygiene sector throughout the year. It is one of the five institutions in the country that offers Sanitary Inspector course for degree level students.

In order to facilitate development of skilled professionals in WASH sector with a community perspective to address the growing need of trained human resources, two formal courses are conducted by WASH Institute in affiliation with Madurai Kamaraj University:

1. Post-Graduate Diploma in Environmental Sanitation Science and
2. Certificate course on capacity building for Health Workers.

Immediately after completing the course, many of the students obtained employment in relevant industries and establishments.

Other Highlights of the year

Other important events during the year 2013-14 are:

Celebration of World Water Day - 2014

WASHi celebrated the world water day - 2014 with full zest at St. Teresa High school, Kodaikanal, Tamil Nadu on 22nd March 2014. On that eve, more than one hundred student leaders were educated on the theme of the year 2014 “Water and Energy”. As part of the celebration WASHi in collaboration with School authorities organized a tree planting program in the school campus. The program who also encouraged children to take a pledge to save water and the environment to make the world better.



Image 17 Students taking a pledge in World Water Day 2014 Celebrations

Capacity Building Training on “Rural Water Supply and Sanitation awareness”

WASHi strongly believes that for extending the capacity building support to different sector players its imperative that the capacity, capability and competency of its own staffs need to be improved regularly and hence Mr. Niket Kumar Jha and Mr. Rajive Ranjan, Training Coordinators from WASHi, Patna branch office were assigned to participate in the Capacity Building training program on ‘Rural water and Sanitation for NGOs’ organized by ‘Just A Drop’ U.K. at Haritika, Madhya Pradesh during the reporting period.



Image 18 A session during Rural Water and Sanitation training for NGOs'

Visit of Madurai Kamaraj University Team to WASHi

Impressed with the performance of the WASHi formal courses, the Vice Chancellor of Madurai Kamaraj University sent a team of Doctoral (Ph.D), M.Phil and Post Graduate students of Environmental Studies for an exposure visit to WASHi during April 2013 under the guidance of Dr. M. Kannan, Chairperson School of Energy Environment and Natural Resources. The team was impressed with the formal course laboratory, demonstration exhibits and other facilities.

**IEC Materials Production on WASH
Desktop calendar and Annual planner-2014 on WASH theme**

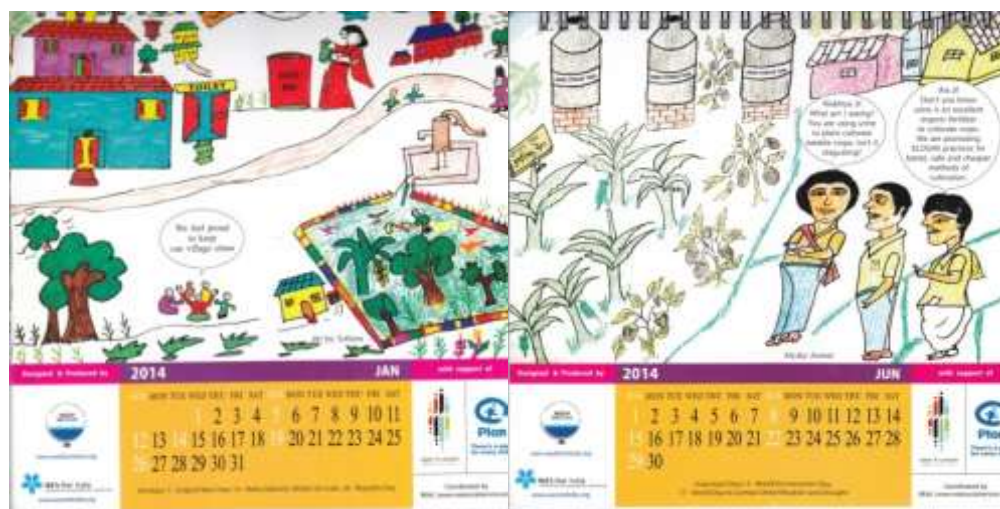


Image 19 Calendar WASHi 2014

The Institute, in association with REAL, Dindigul brought out thematic Desktop Calendar on Water Sanitation Hygiene and an Annual Planner for 2014 with the support of Plan – India and Water for People. The theme and picture for the calendar were developed and drawn by school children of Muzaffarpur, Bihar centred on various issues of water, sanitation and hygiene aspects by organizing a three day workshop during November, 2013. The desktop calendar and year planner were widely circulated among the Government, INGOs, NGOs and stakeholders.



Image 20 Children Workshop for creating theme based calendar 2014

WES modules in Local Languages

In the reporting period, WASHi translated the module prepared earlier on Training of Trainers on water, Sanitation and Hygiene for frontline health workers and sanitation service providers into Hindi and Tamil for its widespread use in various regions.

A guide book on Solid and Liquid Waste Management was also brought out in this year for the use of grass root level field workers in WASH sector.

WASHi Patna branch translated the Peter Morgan’s book on Ecological Sanitation in Hindi, which is expected to serve as an excellent resource materials for the professionals and grass root level workers involved in WATSAN and Health Sector.

Film on WES in Emergency

The WASHi film on WES in emergencies translated in tamil with the support of Tamil Nadu Water and Drainage Board (TWAD) and REAL Dindugul. The film was circulated to all districts in Tamil Nadu by TWAD board as part of educating the community for disaster preparedness

The Way Forward

WASH Institute has grown in leaps and bounds since 2008, and has trained over 3,000 people in just six years. And each training has far wider reach because the the Institute provides ToT trainings in Water, Sanitation and Hygiene, to bridge the gap between the service providers and the community to enable establishment of comprehensive community based sustainable solution for health issues. The P.G Diploma in Environment Sanitation Science is a unique course the students of which can serve as trained manpower in the sector to meet the needs of the Government, NGO and private sectors. The institute is making continuous efforts to enable placement of the students as Sanitary Inspectors in Government bodies. The year 2013-14 has been promising with WASHi able to achieve considerable deliverables with limited manpower and resources. WASH Institute has roped in more than 50 dedicated resource persons, who provide their services on a needs basis. There is increasing demand for trainings and consultancy services offered by WASHi among Government, NGOs and INGOs which shows their faith and interest on the institution. WASHi has been awarded a project by NRMC, New Delhi under Global Sanitation Fund (GSF) for providing capacity building training for promoting sanitation to Engineers and officers and front line sanitation functionaries of SWSM in Bihar, Jharkhand and Assam states. The project will be taken up in the next financial year. The Order of Malta France (OMF), France also has requested WASHi to undertake a feasibility study to rejuvenate the water purification plants installed in the Tsunami affected area and maintenance of the same by the community themselves which will also be taken up during the coming months. With the prominence of the Government's Swachh Bharat campaign there is a great opportunity to address the ongoing health and sanitation issues in the country, and increase awareness of water, sanitation and hygiene issues at all levels from the community to the highest level of government. WASHi has a still bigger role to play in the coming years.

Annexure I Key Resource Persons associated with WASHi during the period

Dr S.Ponnuraj, Member National Sanctioning Committee for NBA and Research Advisory Committee, MDWS, GoI
Dr C.A. Srinivasamurthy, Professor, GKVK, Bengaluru
Mr Chandhi Charan Dey, WATSAN, Coordinator, Ram Krishna Mission, Kolkata
Mr Prabhakar Sinha, Social Development & Communication Specialist, UP
Mr C.P.Kumbhat, Executive Director, Action for Community Empowerment, Udaipur, Rajasthan
Dr Indira Khurana New Delhi
Mr Asit Nema New Delhi
Mr M. Subburaman, Director, SCOPE, Trichirapalli
Dr P. Mariappan, Senior Technical Resource person, Tamil Nadu
Dr A.K. Upadhyay, Environment Consultant & Lab In-charge, State Lab, Bihar
Mr Gopalan Sampath, Technical Officer, Water for People, New Delhi
Dr P. Rajasekar, Principal Green Tech college of Engineering, Tamil Nadu
Mr Ranjan Verma, Development Consultant, New Delhi
Mr Amitava Bhattacharya, Founder Director, Banglanatak, Kolkata
Mr Sanjeev Kumar, Senior Communication Consultant, New Delhi
Mr Sanjeev Kumar, Managing Director- SABRI, Bihar
Mr Palas Sarangi, State Consultant, UNICEF, Kolkata, WB
Ms Rupali Tripathi, State Consultant, ARSH, Bihar
Ms Neelima Gupta, Vatsalya, UP
Mr Abhishek Gautam, ICRW
Mr Shirsendu Ghosh, Design and Development Consultant
Dr Rajeev Kumar, Assistant Professor, Dept of Environmental and Water Management at AN College, Patna
Mr Shashi Bhushan Pandey, Regional WATSAN Coordinator, BTAST, Bihar
Mr Sushant Kumar, Water Quality and Urine Testing lab Incharge, SKGM, Patna
Mr P.Thangavelu, Senior Training Officer (Rtd), GRI, Tamil Nadu
Mr Elango Samuel Peter, Senior Technical officer, Tamil Nadu
Ms Aruna, APO, Tamil Nadu
Dr M. Abbas, Social Scientist, Tamil Nadu
Mr S.V. Ramasamy, Lecture in Health Education, Tamil Nadu
Mr Lingesh, Artist cum IEC Developer, Tamil Nadu
Dr Malar Vizhi, Expert, Health Education, Tamil Nadu
Er P. Alex Praveen, GIS Application Expert, Anna University, Tamil Nadu
Mr Satrugan Prasad, Lab Assistant Water quality testing lab – SKGM, Patna
Mr Kanchan Pathak (Taru Mitra), Patna
Mr Vinay Kumar (Water Action), West Champaran, Bihar

Annexure 2 - WASH Institute – General Council

	Name	Addresses	Position
01	Dr. T.T. Ranganathan	Prof. of Agriculture, Gandhi Gram Rural Institute, Gandhi Gram. Dindigul	Trustee - President
02	Mr. Arumugam Kalimuthu	Country Director, Water For People (WFP), Kolkata, West Bengal	Managing Trustee
03	Mr. L. Peter	Executive Secretary, Rural Education and Action Liberation (REAL) Dindigul 624 008, Tamil Nadu, India.	Trustee-Treasurer
04	Mr. Tom Palakudiyil	Head of Asia Region, WaterAid UK, 47-49, Durham Street, London-SE11 5JD, UK	Member
05	Mrs. Meena Narula	Director – Program Strategy, Plan India E-12 Kailash Colony, New Delhi 110048, India	Member
06	Dr. Subbiah Ponnuraj	Senior WATSAN Specialist Gandhigram, Tamil Nadu. Member, National Sanctioning Committee for NBA and Research Advisory Committee, MDWS, GoI	Member
07	Mr. D. K. Manavalan, IAS (Retd)	Executive Director Action for Food Production (AFPRO) New Delhi-110 058, India	Member
08	Mr. S. Paramasivan	Country Director Wherever the Needs (UK) Cuddalore, Tamil Nadu	Member
09	Mr. Neeraj Jain	Water Aid Chief Executive Officer of Water Aid India	Member
10	Mr. P. Uday Shankar	Regional Director – India Office Water.org, Tiruchirapalli, Tamil Nadu	Member
11	Mr. Prakash Kumar	Chief Executive Officer, WASHi & Team Leader, DFID, Patna, Bihar.	Member

Annexure 3: Advisory Committee Members

Sl.No	Name	Addresses	Position
01	Mr. Kumar Alok, IAS	Chief Executive Officer, TTAADC, Govt. of Tripura	Member
02	Dr. Ian K Smout	Director WEDC, Loughborough University (UK)	Member
03	Mr. Kurian Baby	IRC WASH Country Director IRC India Programme	Member
04	Mr. Joep Verhagen	Senior Programme Officer, RCD Section IRC, The Netherlands	Member
05	Mr. Anton Earle	Manager (capacity building) SIWI, Sweden	Member
06	Ms. Verity Corbett	Independent Consultant New Delhi	Member
07	Mr. James Wicken	Advocacy Officer, WaterAid, Australia	Member
08	Mr. Peter Feldman	WES Officer, UNICEF, Ethiopia (former Regional WES Advisor, Plan Asia Regional Office Bangkok)	Member
09	Mr. Ned Breslin	C.E.O, Water For People, USA	Member
10	Mr. Frank Odhiambo	UNICEF WASH Specialist, New Delhi India	Member

Annexure 4: Financial Highlights

WATER, SANITATION AND HYGIENE INSTITUTE (WASH Institute)
7/45-E, Srinivasapuram, Shenbaganur Post, Kodaikanal 624 104
Consolidated Receipts and Payments account for year ended 31st March 2014

Amount in Indian Rupees

Receipts		Sch	Amount	Payments		Sch	Amount
To Opening Balances Cash	R1		10151	By Expenses	P1		15254261
Bank			7139888	Capital			397671
To Receipts	R2		14375962	By Contributions (Contra)	P2		804723
To Contributions (Contra)	R3		808723	By Advance	P3		1726528
To Advance	R4		1962785	By Project Transfer (Contra)	P4		189362
To Project Transfers (Contra)	R5		189362	By Closing Balances	P5		
				Cash in hand			18951
				Cash at Bank			6095375
			24486871				24486871

Income and Expenditure account for the year ended 31st March 2014

EXPENDITURE		Sch	Amount	INCOME		Sch	Amount
To Expenses	E1		3313503	By Receipts	L1		3419864
To Depreciation			9419				
To Excess of Expenditure over Income			96942				
			3419864				3419864

Consolidated Balance Sheet as on 31st March 2014

Liabilities		Sch	Amount	Assets		Sch	Amount
General Fund	L1		4848729	Fixed Assets	A1		
Project Fund	L2		4057315	Land			450000
Current Liabilities	L3		151437	Other Fixed Assets			1393547
				Total Fixed Assets			1843547
			9057481	Current Assets	A2		7213934
							9057481

Place - Chennai
 Date - 27.09.2014

As per Report of even Date
 For ANNAMALAI ASSOCIATES
 Chartered Accountant



K.K.NILAKANTHAN, B.Com., F.C.A.
 Partner, M.No. 27208.



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