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Message from the Managing Trustee...

This Annual Report covers the incredible progress of WASH Institute between April 2016 and March 2017. This journey has helped the organization to take a leap forward towards accomplishing the organization’s mission of a world in which all communities have access to safe, protected and sustainable drinking water and sanitation services, with improved hygiene practices. During the period WASH Institute has not only made significant progress in the existing WASH programs but also expanded its operations in states like Uttar Pradesh. Through Technical Assistance to MoHUA and MDWS, WASH Institute continued to help Govt. of India in prioritizing and improving the effectiveness of National WASH programme namely Swachh Bharat Mission (SBM) through direct engagement with government and other stakeholders. WASH Institute also provided access to improved WASH services to wide sections of marginalized communities and schools through its grassroots level WASH programs in the states of Bihar, Telangana, West Bengal and Tamilnadu. The year also witnessed promising results of the two innovative FSSM products developed by WASH Institute that would encourage the organization to move forward with technical validation and commercialization of these two products. The year also witnessed passing out of 33 students from WASH Institute Formal Course Centre on Sanitary Science and some of them getting job opportunities in Govt. and other institutions.

In 2017-18, besides strengthening and upscaling its existing programs, WASH Institute will emphasize on promotion of gender-based WASH programming approaches, focus on innovation across the Sanitation value chain and introduce two year advanced course on Sanitary Science at the Formal Course centre.

This significant progress of WASH Institute would not have been possible without the active guidance and support of our esteemed donors like Bill & Melinda Gates Foundation, USAID, Water For People, Population Service International (PSI), ITC Limited, HCL Foundation and CESE. I take this opportunity to thank each of our distinguished donor for partnering with WASH Institute in this endeavour.

Arumugam Kallimuthu, B.E., M.Sc. (London),
Managing Trustee
WASH Institute is a national level NGO, established in 2008 as a non-profit, training and development organization. It is dedicated to strengthening the capacity, skills and knowledge of stakeholders involved in the sector across India by providing practical solutions to a wide range of issues and engaging experts in the field. At the core, the Institute’s mandate is to train professionals and other functionaries engaged in the sector. WASH Institute is recognized as a National Key Resource Centre (KRCC) by the Ministry of Drinking Water and Sanitation (MDWS), Govt. of India. WASH Institute also provides Technical Assistance to the Government of India for the implementation of Swachh Bharat Mission (Urban) and Swachh Bharat Mission (Gramin).

**Key Highlights**

**Technical Assistance Program on Swachh Bharat Mission**

The successful establishment of Program Management Unit (PMU) in the Ministry of Urban Development to support Swachh Bharat Mission (Urban) and its effective performance over the last 18 months has led to the establishment similar PMU in the Ministry of Drinking Water and Sanitation to support sanitation initiatives in Nawami Gange Gram Panchayats and iconic places under Swachh Bharat Mission (Gramin).

**Research & Development**

A year long pilot research on Mobile Septage Treatment Unit and Pit Life Extender has shown promising performance and results, which has encouraged WASH Institute to move forward with further technical validation and commercialization of these two products.

The Modular Toilet using Ferro-cement techniques innovated by WASH Institute has attracted many users and stakeholders, especially slum communities in Madurai Corporation area.

**Grassroot Project Implementation**

Individual household toilet promotion, Promotion of Pay & Use based community toilets and School Water Sanitation Program in the districts of Munger (Bihar), Bhadrakri Kothagudem (Telangana) and Itaguri Municipality (West Bengal) have helped to benefit over 30,000 community members directly.

**Training and Capacity Building**

The training and capacity building activities of WASH Institute has entered in the 9th year successfully. This year major focus was given to train NGOs and sanitation value chain practitioners such as Masons.

**Formal Course**

From WASH Institute formal course centre, 5 batches have passed out successfully with 100% result. This year, four students have been selected as Zilla Swachh Bharat Preraks by the Ministry of Drinking Water and Sanitation.

**Swachh Bharat Mission (Urban) Technical Assistance Program**

WASH Institute has been providing Technical Assistance (TA) as Program Management Unit (PMU) to the Ministry of Urban Development, Government of India to facilitate implementation of Swachh Bharat Mission (Urban) since last two years in the field of capacity building, program management, ICT, IEC, M&E, sanitation technology, ensuring long-term sustainability etc. This project is co-funded by Bill & Melinda Gates Foundation (BMGF) and United States Agency for International Development (USAID).

Following are the key accomplishments:

- Coordinated in Swachh City Survey (Swachh Survekshan) to rank 73 cities in the first year, now the ranking has been scaled up to 434 cities.
- City Support Units (CSU) were established in 10 selected cities to provide handholding support to the cities to achieve SBM Urban objectives.
- Provided ICT support to enhance and improve the Swachh Bharat Urban Portal.
- Facilitated in launching of National Policy on Faecal Sludge and Septage Management (FSSM).
- National workshop on sanitation has been organized in which over 200 City Officials / Mayors participated and shared their sanitation plan including FSSM related activities.
- 10 e-learning videos were produced and shared on the e-learning Portal.
- Number of video films on various sanitation topics were produced and shared with the stakeholders.
- Best IECs from the cities were collected, shortlisted and compiled for the Ministry.
- Number of SoPs, Model RFPs and technical advisories have been developed for the use of cities.
- A 4-member Technical Support Unit (TSU) formed to support AMRUT program of the Ministry.
- As a secretariat for National Faecal Sludge and Septage Management (NFSSM) Alliance, WASH Institute coordinated several meetings, workshops, events and also facilitated the development of Primer and Rapid Assessment Tool.
Swachh Bharat Mission (Gramin) Technical Assistance Program

WASH Institute has established the Program Management Unit (PMU) in the Ministry of Drinking Water and Sanitation (MoDWS) providing capacity building support to 1651 gram panchayats around Ganga river, assisting 10 pilot iconic sites as part of the 100 iconic sites initiative under SBM and assisting institutionalizing and strengthening Rapid Action Learning Units (RALU) framework. This PMU is funded by Bill & Melinda Gates Foundation.

Following are the key highlights:

- Questionnaire for National Level Monitors (NLM) was designed by the PMU for independent ODF verification in Ganga villages and also supported in the NLM training.
- To identify bottlenecks in fund transfer, a financial analysis was undertaken which covers availability of funds, timing of release etc. that led to issuance of advisories by the Ministry to States to follow the模式 such as Direct Benefit Transfer (DBT) and State Parent-Child account model.
- A tracker for monitoring low performing districts was developed with color coding based on priority.
- An Open Defecation Free (ODF) declaration format has been developed and shared with the States/distric.
- Developed a template for District Swachhta action Plan for each financial year. This plan includes additional set of indicators such as grass roots workers, sustainability plan, EUWM plan.
- A questionnaire for carrying out physical inspection in ODF and non-ODF villages was developed to be used on a mobile app.
- The idea of RALU has been restructured to a flexible technology-enabled format to collate and disseminate quality knowledge. To enable this, an online portal: Swachh Sangraha has been designed and built as a source of scalable, theme based content to be fed in by States/distri
- In February 2017, the PMU facilitated the launching of the beta version of the Swachh Sangraha in all State headquarters and 60 districts.
- Swachh Action Plan Booklet has been compiled, designed and printed.
- PMU assisted Environment Sanitation Institute and MDWS in coordination for setting up the sanitation park at CGO Complex. All the parties have signed the MoU and work will commence soon.

Swachh Vidyalay Swachh Villages

The project focuses on the development of WASH infrastructure and hygiene promotion activities in schools and villages of Munger District, Bihar.

“Now children, especially girls students are feeling more comfortable and come to school even during their menstrual cycle due to improved sanitary facilities.”

- Creation of child, gender and disabled friendly sanitary blocks including running water facility, hand washing station, drinking water station etc. in 15 schools
- Provision of boundary wall, Teaching and Learning Materials (TLMs), repairing of school building, bore well with drinking water station, volleyball court and benches & desk were made available in 25 schools, thereby benefitting 2000 students
- Child Cabinets formed and trained in 27 schools for monitoring the operation and maintenance of the WASH infrastructure created.
- 65 Teachers and 15 Secretaries of School Management Committees (SMCs) and 65 Mid Day Meal Workers have been trained for ensuring proper hygiene in school
- ‘Soap Bank’ created by children in 16 schools to ensure soap availability for hand washing
- A Community Toilet have been constructed in Municipal area of Munger, benefitting 200 users.
Project Nirmal Sankalp

Project initiatives began in August 2016 to improve sanitation & hygiene scenario in selected ward areas of Titagarh Municipality.

- Construction work of Community toilet blocks has commenced in three locations.
- Regular meetings conducted with adolescent girls and women to make them aware about importance of sanitary napkin and ET issues resulting from improper hygiene practice during menstruation.
- Sit and Draw competition on ‘Environment Cleanliness, Sanitation and Hygiene’ organized with 305 children to sensitize them on WASH
- Celebration of ‘World Toilet Day’ and ‘World Water Day’ undertaken for community engagement.
- Regular sessions on daily life hygiene undertaken in collaboration with the Health Department of the Titagarh Municipality.
- WASH committee has been formed and trained to ensure Operation & Maintenance of the Community Toilets.
- Maximum stakeholder participation ensured through regular meetings organized with all members including Officials, Chairman of Titagarh Municipality and respective ward councillors and the India Population Project VIII Unit of health department for interaction with health supervisors.

Promotion of Integrated Water Supply, Sanitation and Hygiene in Schools and Communities

The project focuses on development of WASH infrastructure and hygiene promotion activities in schools and villages of Bhurupadu Mandal, Bhadrachalam, Kothagudem District of Telangana.

- 300 household toilets constructed by converging MGNREGA incentives, benefitting 1259 beneficiaries.
- The development of school infrastructure for toilet, kitchen sheds, urinals etc. In 12 schools, benefitting 1129 students, have helped in reducing school drop outs and also providing hygienic mid day meal.
- Child Cabinets formed and trained in 12 schools.
- School Management Committees trained and strengthened in 22 schools.
- The project activities helped to benefit 9903 students and community members indirectly.
Clean and Open Defecation Free Madurai City

This project is a tripartite initiative whereby HCL, Madurai Municipal Corporation and WASH are working together to improve the sanitation situation in urban slums.

I am Ramu and I live alone in my house since my son and daughters got married and living away. I currently do not have any earning apart from my old age pension. So far I had no toilet in my house and I used to defecate in open places near my house or at the community toilet. Thanks to the support of the Madurai corporation, a toilet was constructed free of cost and now I am able to use it. Now I need not worry since I can use this toilet anytime during early morning, afternoon or during night.

C. Ramu
180 D. East Street, Chennaikupur
WARD No. 60, Madurai Corporation

100 modular toilets have been constructed benefitting approximately 230 people.

Awareness program conducted under this project reached out to 2650 community members and 1200 students.

Solar panel and lamps were provided in all the 100 toilets.

Computer Literacy Program for Rural Children

This project is a tripartite initiative whereby HCL, Madurai Municipal Corporation and WASH are working together to improve the sanitation situation in urban slums.

Started in August 2016 with the support of HCL Foundation, the Computer Literacy Project, has managed to train 900 students coming from villages, urban and peri-urban areas in basic computer course. The project is providing computer education to students coming from very poor economic backgrounds who otherwise could not access to technology. Thus, the students who were earlier devoid of an opportunity to learn and use computers are now trained in MS Word, Excel, PowerPoint, Paint etc., apart from basics about the hardware and software in computer. Besides, the children are also made aware on WASH issues through digital platforms.

After successful completion of the first phase, WASH Institute aims to reach out and train at least 550 students and around 250 WASH practitioners. Also, the already trained students will be offered job-oriented courses on Adobe Photoshop, C++, Web Designing, Tally, Visual Basic, CorelDRAW etc.
Formal Course Centre for Sanitary Science

WASH Institute is offering formal and non-formal courses in Water, Sanitation, Health and Hygiene sector throughout the year. In order to facilitate the development of skilled professional in WASH sector with a community perspective to address the growing need of trained human resources, a PG Diploma course in Environmental Sanitation Science is conducted by WASH Institute in affiliation with Madurai Kamaraj University, Govt. of Tamil Nadu.

So far 5 batches have passed out successfully with 100% result. This year too, 23 students are undergoing the course that will end by July 2017. To further upgrade their skills, students were also trained in soft skills such as three months basic computer course, communication skills etc.

In the campus interview organized in February, 2017, four students have been selected as Zila Swachh Bharat Preraks to assist the District Magistrate/District collectors for implementation of SWM (Gramin). They will be posted in Villupuram, Thanjavur, Erode and Ramanathapuram Districts in Tamil Nadu. The Madurai City Corporation has appointed three students of the previous year batch as Swachh Police.

WASH Institute course centre campus is housing innovative sanitation laboratory for practical training of the students as well as for sector practitioners.

Research & Innovation

A pilot research on treating septage effluent using Mobile Treatment Unit and Pit Life Extender have shown promising performance and results. Both the products were exhibited at FSDM event held in Chennai (on February 2017). Both the products generated tremendous excitement and enthusiasm among the sector players, Government officials, cities and states. The promising performance and results of both the products has encouraged WASH institute to move forward with further technical validation and commercialization of these with the support of Bill and Melinda Gates Foundation (BMGF).
### Financials: 2016-17

#### Balance Sheet as on 31st March, 2017

<table>
<thead>
<tr>
<th>Liabilities</th>
<th>Foreign</th>
<th>General</th>
<th>Total</th>
<th>Assets</th>
<th>Foreign</th>
<th>General</th>
<th>Total</th>
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<td>Excess of Expenditure over Income</td>
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<td>4,607,840</td>
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<td>Fixed Assets Fund</td>
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<td>4,472,489</td>
<td>9,080,329</td>
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<td>4,607,840</td>
<td>4,472,489</td>
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<td>Restricted Fund</td>
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<td>1,417,000</td>
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<td>Closing Balance</td>
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<td>Grand Total</td>
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<td>165,708,753</td>
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#### Income & Expenditure Account for period ended on 31st March, 2017

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<tr>
<th>Expenditure</th>
<th>Foreign</th>
<th>General</th>
<th>Total</th>
<th>Income</th>
<th>Foreign</th>
<th>General</th>
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</thead>
<tbody>
<tr>
<td>To Expenditure out of Restricted Grant</td>
<td>354,674,833</td>
<td>27,729,300</td>
<td>382,404,133</td>
<td>354,674,833</td>
<td>27,729,300</td>
<td>382,404,133</td>
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<td>To Expenses out of General Fund</td>
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<td>3,167,796</td>
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<td>3,208,136</td>
<td>3,167,796</td>
<td>6,365,932</td>
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<td>To Bank Interest transferred to Restricted Fund</td>
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<td>2,105,524</td>
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<td>2,105,524</td>
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<tr>
<td>To Depreciation</td>
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<td>2,080,865</td>
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<tr>
<td>By Bank Interest</td>
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<td>2,475,465</td>
<td>22,815</td>
<td>2,498,280</td>
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<tr>
<td>By Misc. Expenditure over Income</td>
<td>2,210,420</td>
<td>2,210,420</td>
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<td>Grand Total</td>
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<td>393,179,344</td>
<td>371,595,716</td>
<td>21,583,628</td>
<td>393,179,344</td>
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</table>

#### Receipts & Payments Account for period ended on 31st March, 2017

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<tr>
<th>Receipts</th>
<th>Foreign</th>
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<th>Total</th>
<th>Payments</th>
<th>Foreign</th>
<th>General</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>To Opening Balance</td>
<td>2,210,420</td>
<td>2,210,420</td>
<td>2,210,420</td>
<td>By Payment out of Restricted Fund</td>
<td>367,596,074</td>
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<td>Cash in Bank</td>
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<td>3,208,136</td>
<td>3,208,136</td>
<td>By Payment out of General Fund</td>
<td>3,816,545</td>
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<td>By Grant Received</td>
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<td>432,386,968</td>
<td>By Payment of last year liability</td>
<td>1,509,327</td>
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<td>4,370,925</td>
<td>4,370,925</td>
<td>By Other Payments</td>
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<td>Other Income</td>
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<td>1,006,926</td>
<td>1,006,926</td>
<td>Payment from Staff Welfare local</td>
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<td>Last Year Advance Recovered</td>
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<td>156,000</td>
<td>4,479,498</td>
<td>By Closing Cash &amp; Bank Balance</td>
<td>54,436,524</td>
<td>8,075,142</td>
<td>72,511,666</td>
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<tr>
<td>Other Receipts</td>
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<td>2,270,374</td>
<td>2,270,374</td>
<td>Cash in Hand</td>
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<tr>
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<td>475,548,824</td>
<td>Grand Total</td>
<td>367,304,383</td>
<td>38,114,114</td>
<td>405,418,597</td>
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</tbody>
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**Notable Trainings and Capacity Building Programs Impacted by WASH Institute**

- Integrated WASH Training Program for Key Staffs of HCL Foundation at Kodakanal
- Capacity Building Program for World Vision India Team on WASH at Kodakanal
- Training on Sanitation Technologies for Partner Staffs of Waterorg at New Delhi
- Training on Menstrual Hygiene Management (MHM) for Higher Secondary Students and Teachers in 2 Districts of Tamil Nadu
- Integrated WASH Training Program for Key IIC and Partner Staffs in Munder (Bhar) and Chikulurep (Andhra Pradesh)
- Trainings on School, WASH for HCL Volunteers and NGO Partners in Lucknow and Madurai
Water, Sanitation and Hygiene Institute
BRIDGING THE KNOWLEDGE GAP FOR SUSTAINABLE COMMUNITY BASED SOLUTION

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