WASH in Schools Target Challenge
Do we have conducive environment at schools?
783 Million People (11% of the world population) are still without access to improved water.
Some Statistics

2.5 Billion People (33% of the world population) lack access to improved sanitation.
Some Statistics

1.1 Billion People (15% of the global population) practice open defecation. (OD)
272 million school days are lost each year due to WASH related issues
46% of the schools in developing nations do not have access to improved water or improved sanitation.
Some Statistics

- 61 million stunted children
- 595 million people defecate in the open
- 6 million children out of school
- 1.4 million children die before they turn five

India’s global footprint

- 33% of world’s stunted children
- 60% of open defecation
- 40% of all child marriages
- 28% of all neonatal deaths
- 22% of U5 deaths and 20% of maternal deaths
CHALLENGES

• Inappropriate Technology - Poor designs & construction

• Lack of water & Waste/Drainage disposal systems

• Inadequate Funding

• Little understanding of life-cycle costs, Poor O&M and Little community support

• Inappropriate Government Policies

• Little professional Management : No capacity building, No training of teachers and No involvement of children
<table>
<thead>
<tr>
<th>CONSEQUENCES</th>
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<td>• Vandalised &amp; broken water systems</td>
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<td>• Inadequate, non-functional toilets/latrines</td>
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<td>• Toilet doors stolen/broken, no private space</td>
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<td>• No gender separation of latrines</td>
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<td>• No hand washing facilities</td>
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<td>• Little knowledge among teachers of better personal hygiene practices</td>
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Key Benefits

• Healthy & protective school environment minimizing risk of disease, abuse & exclusion

• Higher attendance & enrolment, retention and gender equality

• New culture for future generation to ensure sustainability of behaviour change

• Children as Agents of Change & ODF India
Seven Essential Elements of WinS

- Drinking Water
- Toilets
- Handwash Station
- Improved Capacities
- Gender segregated toilets
- Drinking Water
- Handwashing With Soap
- Operation and Maintenance
- Menstrual Hygiene Management
- Behavior Change
- Operation and Maintenance

Elements of WinS
Impact of Handwashing on diarrhoea

Handwashing with Soap
% reduction in diarrhoea morbidity in children under 5 - outcomes of various meta-analyses

<table>
<thead>
<tr>
<th>Study</th>
<th>Reduction in %</th>
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<tr>
<td>Curtis and Cairncross (2003)</td>
<td>44</td>
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<td>Fewtrell (2005)</td>
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<td>Cochrane (2008)</td>
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<td>I3E (2009)</td>
<td>37</td>
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<td>CHERG (2010)</td>
<td>48</td>
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DEFINING SUCCESS FOR WASH IN SCHOOLS

- Implement Software Changes - BCC Activities, Training, Bal Sansad, Activating SMC

- Implement Hardware changes - Build Hardware Facilities and Services, Manage Construction, Manuals & Train in O&M

- Engage stakeholders - SMC/Teachers/Students/Parents, Decide on Role & Responsibilities, Identify Funding, Technology, Skills and Knowledge

- Monitor operations - Condition, Cleanliness & Utilization of WASH Facilities, Functionality of SMC, Bal Sansad, etc.

- Evaluate the program - Attendance, Absenteeism, Water Related Illnesses, Community engagement, Reduction in Open Defecation

Focus on sustainability - Financial/technical/institutional View WASH as a means to better education, not an end in itself
Rotary WASH in Schools Target Challenge

- Launched on 1\textsuperscript{st} Jan 2016 ending Jun 2018
- Multi Level Recognition (3-Star Approach)
- Designed by UNICEF and GIZ
- Designed to be replicated
- Measurable Outcomes
- High Profile Issue

Focal Countries

- India
- Kenya
- Belize
- Honduras
- Guatemala
RI Three Star Approach

Simple • Scalable • Sustainable

One Star School

- SMC is functional & its capacity built
- Long term costs & revenue are determined for WASH services, education & training
- Access to low cost water supply, located near the school
- Gender segregated sanitation facilities
- Daily supervised group handwashing with soap/ash
- Handwashing facilities with soap/ash & water available near the toilets
- Teachers are trained to teach & demonstrate hand washing
- O&M & MHM plan created

Recognition

By District Governor
Two Star School

- Follow-up with students for improved attendance
- Technical training to support O&M activities
- O&M management plan executed
- Teachers training in hygiene & MHM education
- MHM plan implemented
- Low cost safe drinking water in school premises
- Facilities used by all children (No Open Defecation)

By RI & UNICEF

RI Three Star Approach
Simple • Scalable • Sustainable
RI Three Star Approach
Simple • Scalable • Sustainable

Three Star School

- Meeting National/WHO Standards
- SMC monitors if schools are meeting national standards & report data to the government.
- WASH lessons integrated into classroom curriculum with corresponding teacher training
- Transference of behavior change and outreach to the community surrounding the school
- Resources & government support for improved education and WASH conditions are secured

Recognition
By RI & UNICEF
Alignment with National Mission of Clean India

MOU with UNICEF on 25th May, 2015
WASH in Schools Project Components

- Community Assessment
- Financial Planning
- Technology Selection
- Monitoring & Evaluation
- Training Teachers
- Behavior Change
- Effective Advocacy
Daily Group Handwashing
WinS implemented in 10,000 schools during the Rotary Year 2017-18. The goal for 2018-19 is 12,500 schools.
thank you!

Rotary

PDG Ramesh Aggarwal
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Member, TRF WASH in Schools Committee (2016-20)
Director Water & Sanitation Rotary Action Group (2017-20)
Secretary, Rotary Blood Bank, New Delhi
Assistant Public Image Coordinator, Zones 4 & 6A (2013-15)
District Trainer, RI District 3012) (2015-17)
District Governor RID 3010 (2012-13)
Member, Rotary Club of Delhi Ashoka, RI District 3012