



Annual Report 2020-2021

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1. ABOUT US

Wherever the Need India Services (WTNIS) is a not-for-profit company incorporated under Section 8, of the Companies Act (CIN No: U85190PY2009NPL002266) in 2009. It is a sister organization of Sanitation First UK (SF UK) operating in India with the same name through a license agreement. The organization focuses on promoting and providing access to safe & sustainable Water, Sanitation and Hygiene solutions to vulnerable communities.

Vision

A world where everyone has access to clean, safe and sustainable Water, Sanitation and Hygiene services.

Mission

To promote sustainable non-sewered sanitation for better health, hygiene and savings

To promote water conservation and preserve scarce water resources for drinking

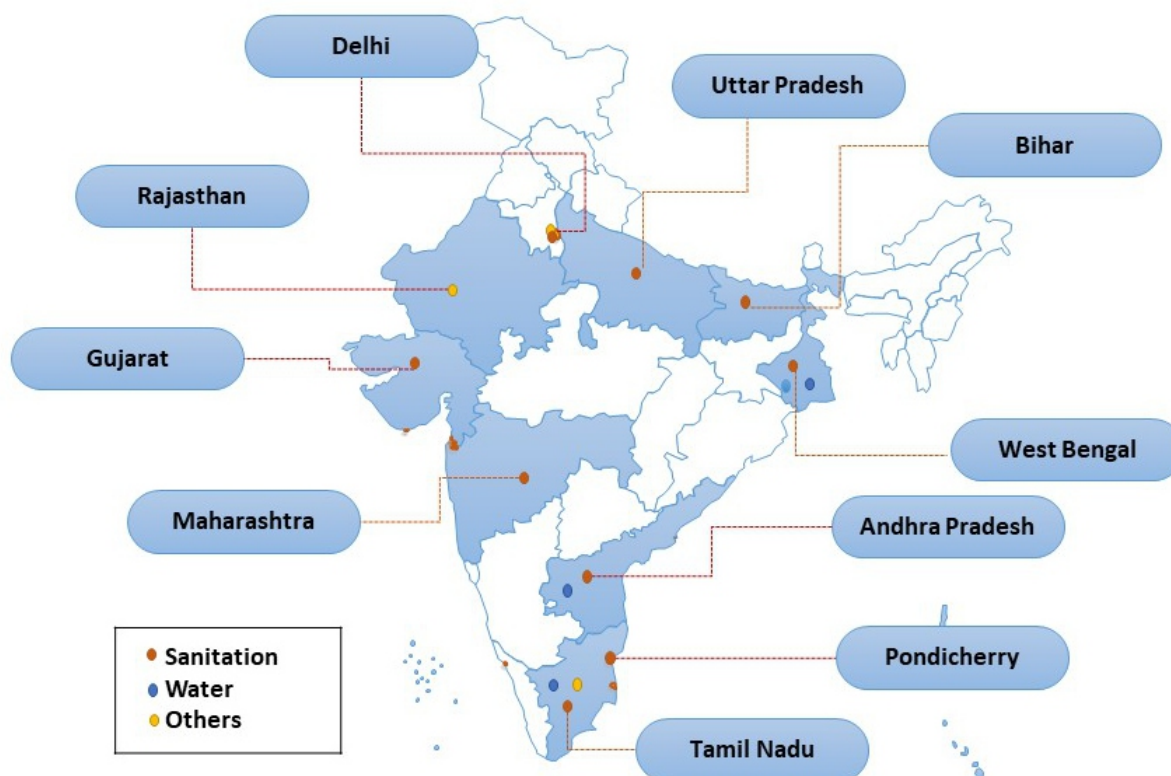
To prevent untreated waste from entering the environment or polluting water sources

To facilitate water efficient agriculture

To provide innovative solutions for solid and liquid waste management

2. OUR REACH

08 States and 02 Union territories



3. OUR PROGRAMMES

3.1 Rural Ecosanitation

Wherever the Need India Services (WTNIS) has facilitated construction of over 5000 family ecosan toilets in rural areas of India and through close motivation and monitoring has achieved an enviable adaption rate of 98-99%. The compost generated by these families are deployed by them as agricultural inputs, thereby increasing productivity by 17-37% and water retention by over 25%.

3.2 WASH in Schools

WTNIS has worked in over a hundred schools providing sustainable, pollution free-ecosanitation blocks, handwash stations, training in general hygiene, handwashing, menstrual health and safe drinking water. WTNIS has created the flagship Happy Periods project through which adolescent boys, girls & teachers (male & female) are taught about handling adolescence, puberty, menstruation and creating a facilitative environment in schools. Reusable cloth pads and incinerators are provided to ensure a zero-waste menstruating environment. Owing to COVID-19 global pandemic, an additional module was added to the Happy Periods project to train teachers and students about keeping themselves and others safe during and after lockdown.

3.3 Container - Based Sanitation for urban slums (GROSAN)

WTNIS has developed a first of its kind container-based sanitation system in India and probably Asia. This technology was among the top three innovations acknowledged by the Ministry of Water and Sanitation, Government of India in a nation-wide Swacchovation contest in 2018-19. Container - based sanitation has been implemented in the urban and peri-urban slums of Puducherry and Cuddalore respectively and we have been running currently 150 container - based GroSan toilets, catering to over 6000 individuals who would have otherwise resorted to open defecation.

3.4 Decentralized Wastewater Treatment Systems (DEWATS)

Decentralized Wastewater Treatment Systems use a natural biological process to treat waste from a toilet and recycle clean water for flushing and cleaning purposes. WTNIS has engaged with this technology in rural areas as well as in schools. In this system, there is no change in the manner in which the user uses the toilet. However, the waste is recycled without entering the sewer system or polluting the environment.

3.5 Water Conservation

WTNIS has been a pioneer in designing sustainable and conservative water management systems to provide safe drinking water to vulnerable communities. This includes construction of water tanks, water purification systems, natural horizontal roughing filters to deal with presence of elements in high quantities in water, and revival of traditional water sources.

3.6 Technical Assistance

WTNIS has been a sought-after technical service provider. It engages in evaluations, impact assessments, providing technical advisory and bespoke training programmes on a variety of WASH subjects.

3.7 COVID-19 response

WTNIS rose to the occasion of enhancing hygiene and protecting lives by developing solar operated and gravity fed contactless handwash machines. These sustainable machines were installed in COVID-19 wards of Government hospitals and Corona screening & isolation centres across Cuddalore district.

4. THE YEAR THAT WAS

4.1 Family Ecosan Projects

Four Family Ecosan Toilets were built during the year 2020-21, for physically challenged and vulnerable beneficiaries with the noble support of Shri Ravishankar Thyagarajan and Mr Naidu Kanakala



4.2 WASH in Schools Projects

Even during the COVID-19 pandemic, provision of safe and sustainable sanitation blocks for children in Government schools continued with the support of Sanitation First UK. During the year 2020-21, three sanitary blocks were constructed and handed over.

4.2.1. Chennai



Renovation of Girls' sanitary blocks with six urinals, two toilets, water storage unit and a separate wash room with incinerator was completed at the Government High School, Sithalapakkam to benefit 300 girl students.

4.2.2 Cuddalore

Separate sanitary blocks for boys and girls were constructed at the Panchayat Union Primary School in Adhanur village of Cuddalore district. Each block has eight urinals, ecosan toilet, and adequate handwash facilities to cater to 95 vulnerable children studying there.



A new sanitation block for girls was constructed at the Government High School, Pinnalore, also in Cuddalore district, with ten urinals, two handwash stations, an ecosan toilet and a napkin change room attached to a manual incinerator. This will provide access to safe sanitation to 85 girls from the poorest communities in and around the village.



4.2.3 Happy Periods

After successful roll out of the pilot phase of this project that aims to train teachers and students of both sexes about adolescence, puberty and menstruation to over 500 teachers and 11000 students in 2019-20, the project was all set to be rolled out in the rest of Tamil Nadu. With the descent of the COVID-19 global epidemic, it became impossible to conduct face-to-face training programmes as schools were closed. However, it was important to continue the trainings considering the significance of keeping oneself and others safe both during the lockdown and after schools reopened.

Therefore, an additional module on COVID 19 awareness and appropriate behaviour in schools was created and both modules were rolled out through online training to 738 teachers (male and female) across Tamil Nadu.



During the brief period during which schools reopened, over 200 boys of Vallalar Government High School, Vadalur, in Cuddalore district as well as 150 women & girls from Kannuvapettai and Santhikuppam slum communities belonging to WTNIS's Inner City Slum Project in Puducherry were trained in person. Anti-microbial sanitary napkins were also distributed to these women with support from Women & Girls UK.



4.3 Inner City Sanitation Project

WTNIS's container-based sanitation project for inner city slums provides last mile access to safe sanitation and ensures sustainability of open defecation free status in urban slums which are crowded, encroached or denotified, where it is not possible for the Government to provide sanitation services.

The ICS extension project in Puducherry is now three years old and the lockdown proved to be the right opportunity to train the beneficiaries of the first phase to change the containers, and compost the dried faecal matter themselves. A survey was also conducted among the beneficiaries to measure their level of adoption, and feedback on usage.



4.4 Handwash Hygiene during COVID – 19 pandemic

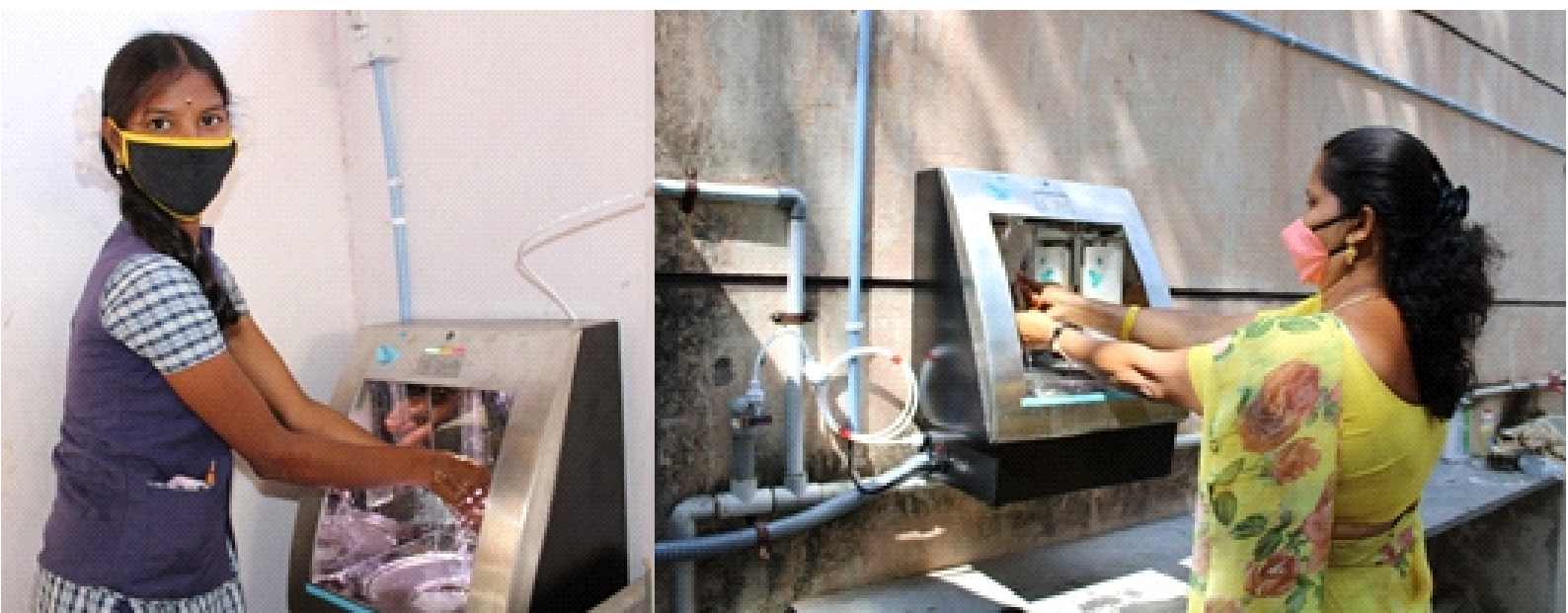


4.4.1. Sustainable handwash units in healthcare facilities

A key area of focus for WTNIS during the Corona global pandemic and subsequent lockdown was to provide safe and sustainable handwash solutions in places where they matter the most. Understanding that Government health facilities do not have adequate handwash infrastructure, two low-tech sustainable handwash models – a solar operated oil drum unit and a gravity fed pedal operated unit were developed. These units were placed at the point of care in the COVID-19 ward of the Government Hospital Cuddalore. The units received the appreciation of the both the medical fraternity as well as the District Collector, Shri. Chandrasekhar Sakamuri IAS.

Additional Units were placed at Corona screening and isolation centre at Oasis school and orphanage for the physically and mentally challenged as well as at the Government High School, Pinnalore.

4.4.2 Handwash Hygiene in schools



WTNIS entered into a partnership with Soapy Care Ltd to install sixteen Clean Machines in Government schools of Cuddalore district. These machines are sensor controlled and the usage can be remotely monitored. They have been installed in seven Government Schools in Cuddalore. Feedback on usage has been very good and the Chief Education Officer of Cuddalore district has commended WTNIS on the same.

4.5 Installation of cement benches

In 2019-20, WTNIS had desilted and rejuvenated the village tank at Kumulimoolai in Cuddalore district. In order for the children and adults to use the space now cleaned up and created around the tank, cement benches have now been installed with support from Mr Ravishankar Thyagarajan who had been instrumental in the rejuvenation of the tank.



5. COLLABORATIONS

5.1 ShauchAMess, Mumbai

Team ShauchAMess, Maharashtra comprising of college students who aimed at raising awareness about clean & safe public toilets through social media invited WTNIS to participate in an Instagram Live event to speak about its sustainable toilets. Chief Executive, Ms T S Padmapriya, participated and presented about WTNIS's projects in India.



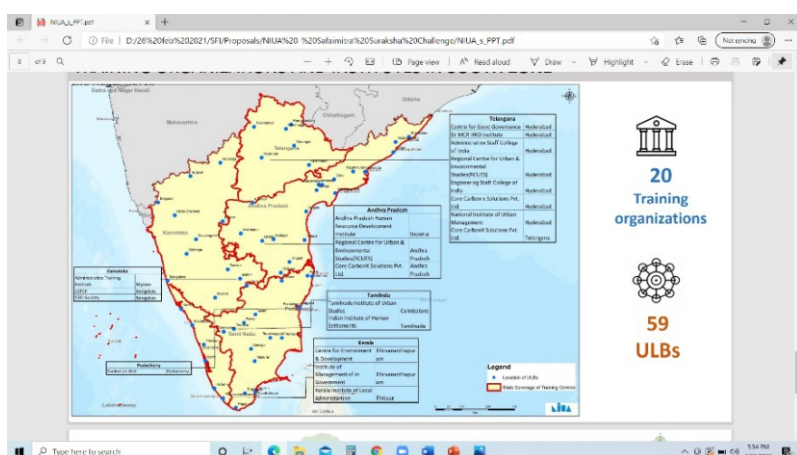
5.2 PSG College of Arts & Science, Coimbatore

PG Department of Social Work, PSG College of Arts and Science has been arranging virtual orientation visits for their students during the pandemic. WTNIS Chief Executive, Ms T S Padmapriya, was invited to orient students of the MSW Course about WTNIS's sustainable WASH solutions.



5.3 National Institute of Urban Affairs, Delhi

NIUA is managing the Ministry of Housing and Urban Affairs' (MoHUA) Safaimitra Suraksha Challenge initiative. The challenge encourages cities and towns to adopt mechanised cleaning of sewers and septic tanks to ensure safety of the sanitation workers. WTNIS was invited by NIUA to work with Pondicherry & Oulgaret Municipalities on this challenge.



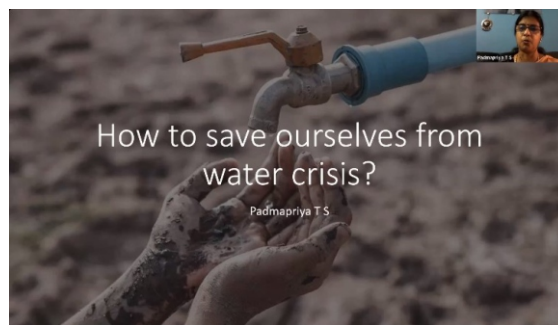
5.4 National Commission for Women & Sacred Heart College Thirupathur

Chief Executive, Ms T S Padmapriya, was invited to speak on the Role of NGOs in sustaining well-being of female migrant workers post COVID 19 in a National Webinar organized by the National Commission for Women & Sacred Heart College, Thirupathur



5.5 The Better India Collective, Bangalore

The Better India Collective uses media and technology to help people do good by sharing inspirational stories. Ms. T S Padmapriya, was invited to undertake a digital workshop on How to save ourselves from water crisis for its subscribers.



5.6 Big FM (92.7), Chennai

BIG FM, one of India's largest radio networks invited Ms. T S Padmapriya to speak in its show Project Naari, about the Happy Periods project, as part of awareness raising on menstrual hygiene.

5.7 Good Sight Magazine

Good Sight, a magazine that showcases success stories in the development sector, featured WTNIS in an article titled WASH First in its Water, Sanitation and Hygiene special edition.



6. EVENTS

6.1 Global Handwashing Day

On Global Handwashing Day 2020, a virtual campaign was conducted across Tamil Nadu in which the participant teachers of the Happy Periods Project trained children on importance of handwashing and right handwash techniques. These photos and videos were posted on our social media platforms to highlight the importance of handwashing especially during the pandemic.



7. OUR PARTNERS

		
 सत्यमेव जयते Government of Puducherry	 स्वच्छ भारत एक कदम स्वच्छता की ओर	
 Water, Ecological Sanitation, Environment, Empowerment, Livelihood	 Centre for Advocacy and Research	 PONDICHERRY UNIVERSITY VERS LA LUMIERE
 TATA CONSULTANCY SERVICES	 Australian AID	 WITH COURAGE AND FAITH
Chennai Willingdon Corporate Foundation	 Women and Girls	BOMBAY URBAN INDUSTRIAL LEAGUE FOR DEVELOPMENT
 SOAPY	 Goldman Sachs Gives	TEEN Clean

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