



FINISH Society



ANNUAL REPORT

2020 – 2021

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FINISH SOCIETY

www.finishsociety.org

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CHAIRMAN'S MESSAGE

Yet another year has passed an unusual one for that. Most would have no hesitation in labelling 2020 as a bad year, and wish 2021 would take the road back to the good times.

In chasing that thought, it may be worth reflecting whether or not the years are by themselves benign or malevolent or what we make of them. Perhaps 2021 and the years to follow will be no better unless we reset our thoughts on growth, consumerism which seeks instant gratification, practices which degrade the environment, upset welfare and the perilous equilibrium between forms of life, deplete resources with no clear plans for disposal of the mess we generate, disregard distributive equity and the welfare of the faceless millions who seem to matter only when they are not available to work.

In a small way, we at FINISH Society (FS) are perhaps trying to participate in the movement that seeks to quell this ill tide through recycling and improved disposal of wastes. Our credibility is rising with increasing awareness of the existence of FS, as is evidenced by projects recently entrusted by many partners including UNICEF and UNDP.

May we make 2021 a Happy and Satisfying Year to all of us and our families, and those who repose faith in us. Ultimately what is may be what we are but what will be is what we assiduously try to become.

GOVERNING BOARD



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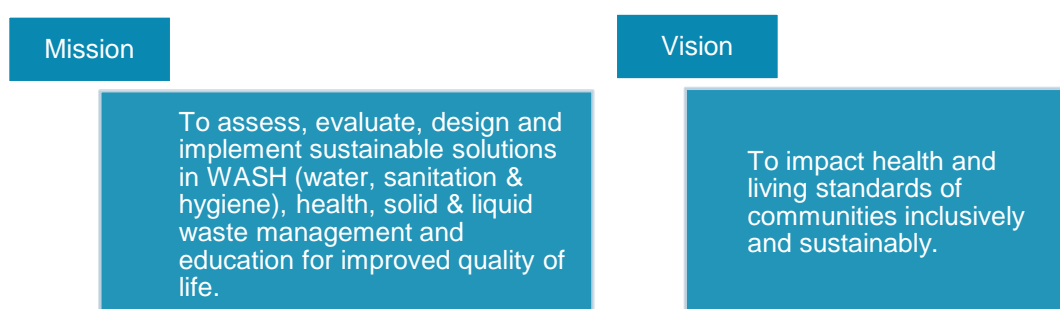
*Ms. Sarbani Bhattacharya
Chair, Supervisory Board,
FINISH Mondial*

About FINISH Society

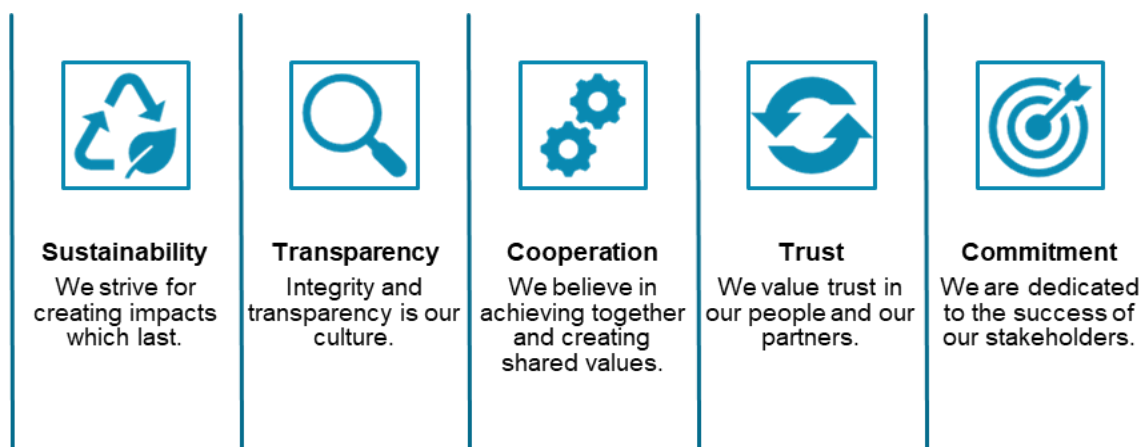
FINISH Society is a multistate not-for-profit organization working to promote sustainable and equitable development of the sanitation, health, education and environment sectors to improve lives.

FINISH Society started with the objective of managing the FINISH program¹ along with expanding the local partnerships. The Society, since its inception has expanded its work in different thematic areas. FINISH works with diversified stakeholders including Indian and International Donors Agencies, Government, Corporates, Government and Financial Institutions.

Our core programmes include WASH, Solid & Liquid Waste Management, Capacity Building, Health & Nutrition, Livelihood, Financial Inclusion and Research.



Core Values

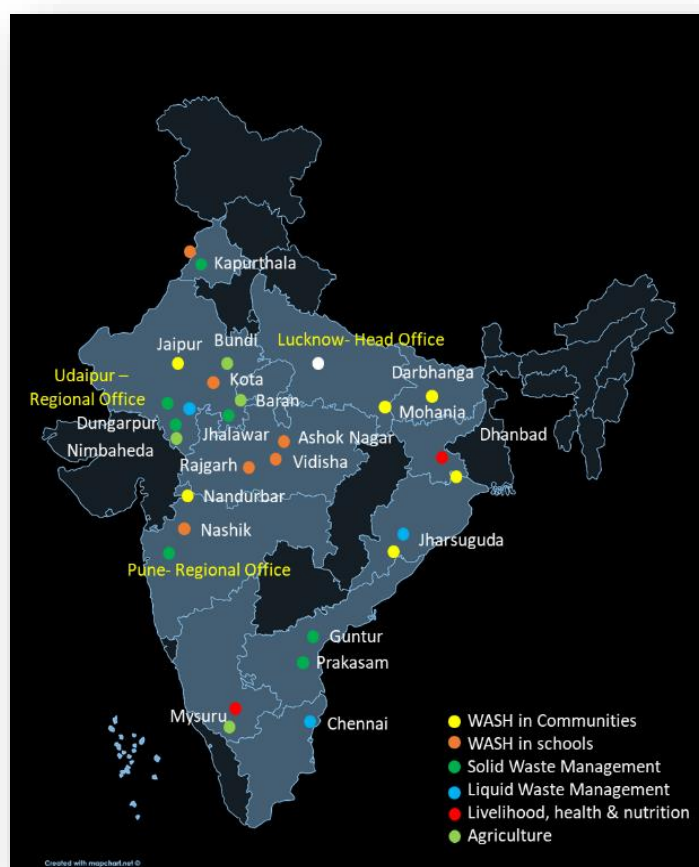


Our Presence

India - FINISH Society is present in 11 states (Odisha, West Bengal, Jharkhand, Bihar, Uttar Pradesh, Rajasthan, Madhya Pradesh, Gujarat, Maharashtra, Tamil Nadu & Karnataka) and has

¹ FINISH program started in 2009 by an Indian-Dutch consortium comprising banks, insurance companies, NGOs and academic institutions from the two countries to improve sanitation through financial inclusion, demand generation and supply chain strengthening, building a local ecosystem.

head office in Lucknow and three regional offices in Udaipur, Pune and Ranchi, respectively. With our own project offices and teams in different parts of these 11 states.



The Sustainability Progress Snapshot

.11,92,877	Number of Households with sanitation system
59,64,385	Number of people impacted
.1,65,121	•Number of children impacted
.2,00,000	Number of families covered under SWM
22,800	Average Solid Waste managed (Tonnes per year)
.3,600	Total CO2 equivalent GHGs emissions saved through Organic Waste Treatment (t CO2/yr)

Risk management

During the year 2020, due to global pandemic and ensuing lockdown, projects activities came to a halt for 5 months of the year (Mar-July). Due to the unprecedented nature of the pandemic, it took some time to realign planned activities, implementation and partnerships. Project activities moved to digital channels to the extent possible and a range of capacity building initiatives were taken by the FINISH Society team as well as global Mondial team for team's training and knowledge building.

Ongoing projects resumed well during the last quarter of the year and targets were also achieved. Some of the key strategies that helped achieving the targets were adding more MFI partners, agility and resilience of the team in responding to the crisis, identifying new opportunities.

Programmes

FINISH Society, since its inception has expanded its outreach in different thematic and geographical areas. FINISH has worked with many stakeholders like Govt. Agencies, India and International, Academic institutions, Corporates, Financial Institutions in multi-stakeholder partnerships. Our core programmes are WASH, Training & Capacity Building, Health & Nutrition, Education, Solid & Liquid Waste Management, Skill & Livelihood Development, Financial Inclusion and Research & Studies.

WASH

FINISH was founded with an aim to improve health and quality of life by increasing access to improved sanitation. Our WASH programmes are carried out across various communities and schools. Some of the currently operational projects are listed below:

1. Creating enablers for ODF sustainability, Nandurbar Maharashtra funded by NSE Foundation
2. Creating enablers for ODF sustainability, Nandurbar-Navapur Block, Maharashtra funded by NSE Foundation
3. Promoting Community Led decentralised Solid Waste Management and Schools Led Total Sanitation, Kapurthata, Punjab supported by ITC Limited
4. Promoting better health, hygiene and environment by facilitating sustainable school WASH and Solid Waste Management Program in Prakasam District Andhra Pradesh supported ITC Limited
5. Creating an ecosystem of sanitation and hygiene services for COVID response in Bihar supported by UNICEF
6. Improving Sanitation and Hygiene Practices in Selected Schools of KOTA District Rajasthan supported by DCM Shriram
7. Promotion of sustainable sanitation behaviour, financial inclusion and health awareness Nirsas, Jharkhand supported by Tata Power Community Development Trust (TPCDDT)

WASH IN COMMUNITIES

With focus on only individual household sanitation and microfinance driven partnership, the Society diversified partnerships to 60+ Partners across 10 -12 states. Adding a mix of microfinance institutions, NGOs, milk cooperatives and SHGs as partner organisations. Today, we have facilitated in constructing more than 1.15 million sanitation systems.

In the year 2020-21, the Society continued to scale up the WASH in communities programme, abiding by the principles of SBMG Phase II guidelines to ensure that no one is left behind. In the reporting year, our focus was on ODF Sustainability, Retrofits, Usage, Technology and Functionality of toilets. In our endeavor to create safe and sustained ODF villages, we partnered with UNICEF, Signify Foundation, Tata Power, ITC Limited and Centre for Urban and Regional Excellence (CURE).



Figure 1 A toilet story in Kota

WASH In Schools

Our WASH in School programs aim at facilitating healthier and improved learning environment by enabling physical infrastructure along with behavioral change communication, capacity building and operations & maintenance on the issues of water, sanitation and hygiene.

Educational learning institutions being an integral part of society, is also a medium to reach out to communities through children and teachers. We partnered with UNICEF, National Stock Exchange Foundation, DCM Shriram Foundation, ITC Limited, PwC India Foundation in different parts of the country to reach government aided primary and upper primary schools.

Impact- In the year 2020-21, we have reached out to about 150 schools in the most interior rural and tribal parts of the country. Our major interventions are hand washing practices, menstrual hygiene management, safe sanitation, water management, to name a few.



Figure 2 Hand wash and toilet blocks made in Kapurthala School

Menstrual Hygiene Management (MHM)

Menstruation is a normal biological phenomenon. However, there are various socio-cultural and infrastructural limitations that limit the ability of girls and women to practice safe and effective Menstrual Hygiene Management (MHM). Inadequate menstrual hygiene management due to lack of awareness, associated taboos and indiscriminate disposal of sanitary waste, is a common phenomenon in most developing countries including India.

Impact numbers approx. 30000 Adolescent girls trained on MHM

FINISH Society through its programme delivers-

- A. Awareness generation/Communication Materials/ Brochures on MHM
- B. Trained resource persons for Social & Behavior Change Communication around MHM.
- C. Availability of various sanitary products and their indicative cost and benefits.
- D. Disposable methods and options for sanitary waste

Some of the currently operational School Sanitation and MHM projects are listed below:

- Creating enabling environment for ODF/ ODF+/ ODF S in Nandurbar, Maharashtra. 676 Adolescent girls reached and oriented for practicing safe menstruation under a project funded by National Stock Exchange Foundation (NSEF).
- School sanitation project “Shriram Swachhagrah” in 350 Government schools of Kota, 1837 adolescent girls reached out and oriented on MHM, supported by DCM Shriram.
- Under a partnership with United Nations Office for Project Services (UNOPS) and Water Supply and Sanitation Collaborative Council (WSSCC), 5 days, 5 number of trainings are done for women and adolescent girls in Uttar Pradesh and Bihar.



Figure 3 MHM training in a school of Kota

Sanitation Impact Bond (SIB)

To sustain ODF results and provide access of sanitation, financing from private sectors need to supplement the public sector investment. FINISH is piloting impact investments for sanitation in India with multiple stakeholders. In the pilot, ACTIAM has provided a loan of US\$ 3M to Cashpor Micro Credit (CMC) with outcome-based incentive from WASTE and FS as the facilitating agency to create 35,000 individual household toilets through sanitation loan. ACTIAM, together with financial institutions and WASTE, plans to bring €100 million financing, allocated as 100% senior debt in local currency to approx. 20 MFIs/banks in India) for the exclusive purpose of financing household toilets.

IMPACT

WASH in Community- Over 60 Lakh people enjoyed the benefits of safe sanitation, water, health & hygiene, financial inclusion and waste management. Over 10 Lakh sanitation systems across 11 states and creation of over 100 Lakh work days in construction alone!

WASH in Schools- Impacted 3 Lakh children through School WASH

ODF SUSTAINABILITY

Aligned with SBM 2.0, FS with NSEF has adopted a circular approach for ODF-Sustainability in Nandurbar, Maharashtra, one of the aspirational districts of NITI Aayog. The project has been designed to promote safe sanitation covering individual HHs as well as institutions in partnership with the local government over a period of 3 years. impacting more than 20,000 families from Navapur and Nandurbar block.

CASE STUDY

Sanitation credit spearheading safe sanitation in W. Bengal



Figure 4: Martha Hembram, Location – Bhukbhukisole, Paschim Medinipur

Based on the rich learnings from the FINISH Programme in India over the past 10 years, FINISH Society has made its mark as an expert knowledge-provider in the fields of sanitation, hygiene, SWM, water treatment and agriculture related programs. The partnership that FINISH engendered with different microfinance companies has largely helped in promoting sustainable sanitation models to make the districts actually achieve ODF on the

ground. While the MFIs provide the loans, FINISH offers technical expertise in toilet construction and also offer mason training in the vicinity. With this overarching thought in mind, FINISH has now tied up with Bargach Finance in West Bengal which started its journey early this year with only 5 branches to operate with. The most important aspect of the partnership was the fact that Bargach only concentrates in sanitation and house-building loans. According to Sumit Hans, CEO of Bargach Finance, “we have always believed that the loan products or the impact area that we wanted to cover is far more meaningful than just mere loans which are given to generate income or buying any asset. We strongly upheld the belief that health should always be of primary concern to each and every individual.”

He went on to say that the recent few months have however showed how important it is to maintain a healthy environment by developing better sanitation and drinking water provisioning, to safeguard each and every family from the vulnerabilities of the nature. Also, the partners wanted to help customers whom they address as ‘didi’ which in Bengali or Hindi means elder sister. While the whole world was dealing with COVID-19, West Bengal had to suffer a double whammy when a super cyclone, ‘Amphan’ had hit the state causing havoc and a total massacre of resources and homes. A lot of damage was incurred in both rural and semi urban areas as well. A lot of people were rendered homeless, and a lot more have lost their sources of income. We present below

stories of 'didis' who have fought for their health against all odds and decided to promote sanitation and hygiene over anything else.

Toilet Linked Biogas Plants Prove a Hit in Rural Kitchens

Of late, especially after the onset of the COVID pandemic and the subsequent economic slowdown, the NITI Aayog has been actively looking for scalable and replicable model to change the eco-system of the rural areas of the country. As an effort in this direction, the nodal agency decided to address the issue of Faecal Sludge Management (FSM) and also ensure Reuse of nutrients from faecal matter.

After studying the research done in the area, the Aayog recommended the FINISH Society's Toilet Linked Biogas Plant (TLBG) model from Valsad in Gujarat to various CSR arms of companies. The nodal agency believes TLBG can support tribal and marginal farmers to reduce input cost for agriculture, reduce dependence on fossil fuel and also provide manure for kitchen/nutrition garden to these targeted families. As a result of this, several corporates including the CSR arm of ITC Limited have been asked to adopt "Aspirational Districts." As part of this initiative ITC Mission Sunehra Kal (MSK) along with technical expertise provided by FINISH Society adopted Kailwari block of Baran District of Rajasthan, 200 km from Jhalawar.

They have so far constructed 5 TLBGs in the area. A consultant who specializes in constructing these cost-effective bio-gas plants, D N Singh from Uttarakhand was roped in to help motivate people for the operation and maintenance of TLBG. He also provided technical man power for the construction work. The construction cost of each of these TLBG plants was borne by Mission Sunehra Kal. Bahari Lal, former Sarpanch of the Balda Gram Panchayat who agreed to

instal the bio-gas plant in his house says: "We earlier did not have any knowledge about Gobar gas. We did not have any information about how it is made and used. The biogas does not have any foul smell and the faecal slurry is removed. The food cooked on it is tasty and the chapatis do not have any patches. The flow out from human excreta is used as compost in farming.

We have a total of ten members in the family who have enough food to eat without any problem, using the Gobar gas." The four other families too are very pleased with the outcome, even though in the beginning the thought of using faecal matter as fuel to cook food in the kitchen was simply unthinkable. Hari Mohan, resident of Hatwari village proudly says: "I built a gobar gas plant in the name of my son. Earlier, we had a separate pit for our toilet but now we have attached it to the plant. We now dump the cow dung into it along with human excreta of our family's 7 to 8 members. There is no bad smell and the gas is being made in surplus amounts." Once these TLBGs are successfully used for six months, they will be replicated in more areas of the district.

GOBAR GAS FACTFILE

All toilet link biogas units are in working condition, and they all are using biogas for cooking food, preparing cattle food, making tea etc.

They are using on an average 10-15 kg cow dung and 1.5- 2 kg human excreta daily for preparing biogas.

Organic manure produced by TLBG unit is very productive for agriculture.

They will get approximately 2 kg manure daily for agricultural use.

They are also environmentally clean.

This also saves them approximately Rs 700/- on LPG cylinders each month.



Figure 5: Toilet linked bio-gas plant in Balda, Baran in Rajasthan

Solid Waste Management

FINISH Society is providing technical, institutional, capacity building and planning & implementation of Municipal Solid Waste Management to Urban Local Bodies/ Municipal Corporations with support of CSR partners in nine districts/ 4 states.

Our key interventions are:

- Waste collection plan & efficiency – Urban & Rural
- Segregated Waste collection.
- Levy Collection through Participatory Dialogue
- Bin Free/Litter Free Zone
- Training and capacity building of stakeholders
- Promoting Models of Decentralised waste Management like Cluster Composters/Home Composter.
- Helping in Nutrition /Kitchen Gardening
- Technical support for setting up of Material Recovery Facility (MRF).
- Social Inclusion, Children engagement and entitlement programs for Safaisathis
- Developing Market Linkages WITH suppliers for recycling opportunities

Table 1 SWM 2020-2021 PROJECTS

Sr. no.	Projects	Partners	State
1	Udaipur Door to door Solid waste management	Udaipur Municipal Corporation	Rajasthan
2	Solid waste management	Gram Panchayat Titardi	Rajasthan
3	Dungarpur D2D (in 5 wards covering 3300 HHs) & Drainage Treatment Plant	Nagar Parishad Dungarpur	Rajasthan
4	Plastic waste management and livelihood programmes in Amritsar, Punjab.	UNDP	Punjab

5	Community driven model for clean village, improve sanitation & solid waste management practices in 15 +10 Gram Panchayats of Hardoi District, UP	HCL Foundation	Uttar Pradesh
6	Decentralised sustainable Solid Waste Management programme, Guntur, Andhra Pradesh	ITC Limited	Andhra Pradesh
7	Proposal for decentralised SWM & CLTS programme for achieving sustainable ODF villages, Jhalawar Rajasthan	ITC Limited	Rajasthan
8	Setting Up a Sustainable Model for Recycling of Used Beverage Cartons in Udaipur, Rajasthan	Tetra Pak	Rajasthan
9	Promoting Community Led decentralised Solid Waste Management and Schools Led Total Sanitation, Kapurthata	ITC Limited	Punjab
10	Promoting better health, hygiene and environment by facilitating sustainable school WASH and Solid Waste Management Program in Prakasam District, Andhra Pradesh	ITC Limited	Andhra Pradesh

Rural-Urban SWM Solutions:

SWM strategies for rural and urban spaces are designed differently, taking into consideration the local variables. In rural areas, waste collection is planned in view of available financial resources only. We implement “Hub and Spokes” model for SWM in rural areas. Wet waste is treated at source through home composting, kitchen garden etc. Ensure source segregation in urban areas, mechanized vehicles for waste collection in segregated manner.

Moving account of FINISH sanitation warriors during Covid 19

For the past three years, City Council (Nagar Parishad) Dungarpur in league with FINISH Society has been conducting its door-to-door collection of waste in ten wards of Dungarpur, Rajasthan. Ward numbers 20-29, which comprise 5200 houses with a population of 26000. The residents of the wards deposit their wet and dry wastes in two different waste collection vehicles. The wet waste is used for making organic compost while the City Council looks for useful things from the dry waste and then sells them to generate revenue. Our daily collection during the Covid 19 pandemic is a challenge we have been inspired to accept since the people of Dungarpur were raising our confidence levels at every given point in time. It rubbed off on our 20-member collection team who were being feted as frontline sanitation warriors. The Parishad team played a crucial role in bolstering our confidence.

The spread of Coronavirus began in January 2020, which first struck citizens in Wuhan city of China. Serious cases of Coronavirus in our country began to raise their head in the second week of March, following which the Prime Minister ordered a complete national lockdown, to which we all willingly abided. We also decided that we all will follow his orders and will stay indoors on March 22, when he asked us to take a day off.

As a dedicated frontline worker, first thing that came into my mind was, if we are asked to stop our door-to-door waste collection work due to the outbreak of pandemic, what will happen to the entire town? My beautiful swach survekshan award winning town will become ugly and its streets will become breeding ground for various harmful diseases and infections. People will start to panic and throw garbage on the roads, in vacant spaces and open drains/ canals, which will give birth to many kinds of serious air and water borne diseases not only to humans but to animals also. Bio medical waste coming out from COVID infected patients' homes if not handled properly would spread to rag pickers, fellow residents, animals, etc.

While City Council team lead by dynamic leader Mr. Narpat Singh Rajpurohit was already finding out ways to deal with the situation, by 10 A.M. we started receiving calls from the residents of the

wards. We passed on the information to the office of the City Council. The City Council allowed us to take the waste collection vehicles to the wards. All the staff members were summoned that day over the telephone. At some places, we also took the permission of the police and only then could we manage to collect the waste from each house. The Nagar Parishad team was close at hand to help us with all logistical support we needed.

Along with our regular waste collection vehicle, provisions were made to collect all types waste, including bio medical waste in separate compartments of the vehicle (shown in the figure below). Residents were asked to segregate and throw their waste separately. The bio medical waste like needles, bottles, gloves and masks were dumped in material recovery facility (MRF) center and from there it was safely transported to Udaipur for further treatment fortnightly or monthly.



Awareness generation

When Coronavirus cases started increasing in our country, a 14-day total lockdown was imposed. But waste collection work had to continue regardless. To begin with, the municipality team along with FINISH team called for a meeting of all team members and discussed the precautions we needed to take while doing our work. The collection team, which, along with their waste collection vehicles were already working with masks, gumboots, and gloves. But as Coronavirus was a communicable disease, it was necessary to make all team members aware of it. We also requested them to make aware their families about it and tell them ways to prevent the disease from entering their homes. Another major threat we needed to combat was the dump of rotting garbage and discarded Covid-related clothes and essentials.

The lockdown period increased along with the spike in corona virus cases. But we were still doing our work with full responsibility. A point of concern was that some of our team members used to come from rural areas. The police used to check their identities due to which the staff had to face problems while reaching the work place. Then we made IDs for the staff from the City Council office so that the staff do not have to undergo any problems while coming to office.

Further, when there was a shortage of masks in the market, I brought cloth from the market and asked my wife to ready them at home on her sewing machine. The masks were distributed among the staff and also the general public so as to safeguard them against the dreaded virus.

Panic situation

When Corona virus cases started peaking in Dungarpur, both Parishad and FINISH team members started receiving calls from home, requesting us to come back home. My family said that the disease is very dangerous and insidious, and is spreading quickly from one man to another. They asked me to take leave and come back fearing for my safety. 'They said If I was not getting leave then I should resign from my job and return. They went on to say that we have everything at home, if there is life, only then there are other things to enjoy. I was in a dilemma. I thought that if I went back home, my whole team would lose confidence and not be able to work with complete devotion. And if we run away from Corona then our project will shut down. The police, doctors, and nurses are also working continuously in this given situation. If they will stop working because of the fear of Corona, the disease will spread more rapidly and tighten its tentacles across the nation. That night I decided that it is my responsibility to not only continue working during Corona times but also convince families of my team members to not lose heart. I told them that our team is working diligently with all safety measures in place and assured family members that we are working with full precautions, so they need not worry.

Special care

Both partners took special care to ensure safety of the entire staff. The people from the wards often asked us as to why we are not afraid of Corona Virus. We said that we are sanitation warriors and if we will stop working then Dungarpur, in Rajasthan, which is famed for its high hygiene levels will lose its lustre and the disease will tighten its grip on the city.

Seeing our team's hard work and fearless dedication, the residents of the wards welcomed us with garlands, which showed how much they loved and cared for us. The warm gesture raised our team's morale. We also put in more effort to raise people's awareness on ensuring precautions against the spread of Corona from time to time:



Our 5-Point Safety Mantra

1. Wash hands with soap (for over 20 seconds) from time to time.
2. Go out only in an emergency and to cover the mouth with a mask or cloth.
3. Maintain two-meters distance from each other
4. Don't shake hands with others, namaste is the best option
5. Do not touch eyes, nose, and mouth without washing hands

When the second wave of the pandemic hit India, cases began to rise in Dungarpur and the field teams had to conduct awareness campaigns and ensure that there was no accumulated garbage to dispose of, from Covid infected patients. With the help of the nagar parishad, the FINISH team has distributed 40,000 face masks to the residents. The parishad-FINISH team went door-to-door to apprise residents about Covid appropriate behavior among the local residents. The parishad-FINISH team has also been busy creating vaccine awareness among residents so that they go to

the centers and get themselves the job. The teams also go from door-to-door to check the body temperature of residents so that they can monitor Covid-related activities.

In today's situation, our team is working safely and each one of our family members are also safe. The families are happy that the Parishad & FINISH team members are working with responsibility even in the throes of a life-threatening pandemic.



Narendra Sharma
Project Manager,
Dungarpur, Rajasthan

Sustainable solutions to manage your waste!

Impact

200,000+

HHs covered per month

2170 HHs

HHs are practicing home composting

287 tonnes

Dry waste recycled and sold per month

1750 tonnes

Wet waste is composted per month

Skill & Livelihood Development

FINISH Society organizes different engagement activities, meetings, school activities and awareness activities through our different projects. **Livelihood** development programmes were designed to help improve the quality of life for marginalized people by providing them with access to health care, livelihood opportunity and protection; thereby giving them hope to constructively contribute to their communities. FINISH Society also engages socio-financial weaker sections of the society and believes in women empowerment through women motivators who are the main change agents and SHGs. They play various roles by going from house to house, make people aware, motivate, educate and implement the project activities.

Impact numbers:

- **3500 SHGs trained and developed skills on sanitation business, masonry, tailoring, pickle, papad making and soap making. 200 women waste workers gained livelihood.**
- **200 slum women of Jaipur trained under entrepreneurial development programme for setting up micro and small enterprises.**

The following projects have been undertaken currently in Livelihood & Skill development programme

- An entrepreneurial mentorship programme for reinvigorating migrant women's self-help groups into creating federations for promoting local businesses by skill development in Jaipur's Transport Nagar slum area, jointly implemented by School for Social Entrepreneurs (SSE) India and FINISH Society, and supported by PwC India Foundation.
- To improve socio-economic conditions of women waste workers (safai sathis) in Bangla Basti of Amritsar, Punjab, a Plastic Waste Management and Livelihood project is implemented by FINISH Society in collaboration with UNDP India, CocaCola India Foundation and Municipal Corporation of Amritsar. Self help groups are formed and skill based trainings are provided to safai sathis to establish institutional setup for formalizing their groups.
- Establish Sanitation Enterprise with Women Community Based Federations for sanitation business development, profitably and sustainably in Samastipur & Muzaffarpur, Bihar supported by FINISH Mondial and jointly implemented by Sarva Seva Samiti Sanstha (4 S) and FINISH Society.
- Currently registered under National Skill Development Corporation (NSDC), Delhi. for conducting Skill development trainings for income generation and livelihood creating opportunities for unemployed youth.
- Training and capacity building of masons on Toilet technologies, supported by FINISH Mondial and jointly implemented ILFS & FINISH Society in Jharkhand and Bihar.
- Formation of SHGs and connecting them through Jharkhand State Livelihood Promotion Society (JSLPS) for financial assistance to give thrust to increase local micro and group enterprises and improve their socio- economic condition and other capacity building activities, under a project funded by Tata Power Limited.
- Formation and training of women SHGs for sustainable livelihood creation & income generating activities like mask making soap making. under a School sanitation programme – “Shriram swachhagarh” of DCM Shriram Limited in Kota, Rajasthan.
- Community Health Facilitators (CHFs) – 1001- all women, are identified and trained in developing sanitation markets through community awareness programmes, sanitation financing, and monitoring of facilities under FINISH Mondial implemented with CASHPOR microcredit in Uttar Pradesh and Bihar. More than 800 masons have been trained and oriented on safe sanitation technologies.



Figure 6 Mask making SHGs in Kota



Figure 7 Compost making SHGs Amritsar

Knowledge Management, Research & Studies

Insights, Design & Application

Expanding our work with grass root experience on WASH from varied geographies, FINISH started undertaking data management and research assignments in WASH and other related fields since 2012. Our approach for knowledge management is to gather information, create, manage and share the knowledge for widespread multi-disciplinary application. Our data management strategy is to collect, validate, compile and process the data with accuracy, accessibility and applicability. FINISH partners with expert academicians, researchers, field experts, economists from India and abroad to execute and implement our knowledge management, research and implementation. The technical backup for FINISH comes from WASTE from the Netherlands (a 30+ years old specialist organization in sanitation & solid waste management working in over 20 countries).

List of Key Research & Studies undertaken/Papers published:

Name of State/districts/block s/ currently working and worked in the past 3 years	Name of the Client	Title of the Assignment	Duration of the assignment	Major focus of the assignment	Names of communities/Tribe s/PVTGs covered under the assignment
5 Districts in Bihar	UNICEF	Sustainability Assessment of Toilets in Rural Bihar	6 months.	WASH Sustainability	Marginalised workers, farmers, socially excluded people
Patna, Bihar	Aga Khan Foundation	Analysing Grievance Redressal Cell for SWM in Patna, Bihar	3 months.	SWM	Urban households, urban local body officials
Darbhanga, Bihar	IDinsight	Implementing Nudges for Encouraging Toilet Use in Rural Bihar	3 months.	Sanitation	Farmers, labours, artisans, rural communities
Lucknow and Kanpur, Uttar Pradesh	IFS, London & UNAV, Spain.	Assessing 'Willingness to Pay for Usage of Community Toilets' in Lucknow & Kanpur, Uttar Pradesh	24 months	WASH	Slum population near bus stands and public places
India	Oxford university, UNU Merit	Assessing a framework model on MNEs impact on global development challenges in emerging markets	3 months	Health & sanitation	NGOs, sanitation and health care industries in India

Gwalior, MP	IFS London	Understanding the link with poor sanitation and health insurance in India	3 months	WASH	Households residing in slums and peripheral villages of the city Gwalior
Nandurbar, Maharashtra	NSE Foundation	School WASH	Ongoing	WASH	Tribal Communities.
Pune, Dungarpur.	WASTE, 3RWF and The Bill and Melinda Gates Foundation	Developing a tool for assessment of SWM and FSM practices for 4 Indian cities	6 months	Waste management	Peri urban households and Urban Local Bodies officials of the 2 cities
Navsari, Gujarat	UNESCO-IHE Institute for Water Education, Delft, the Netherlands	Evaluation of Toilet Linked Biogas on Gas Output and use of slurry in agriculture and its impact.	3 months	Renewable energy & waste management	Households that had constructed Toilet linked biogas and using it regularly
Maharashtra, Bihar.	Envisions India	Data collection on Health programs in Maharashtra and Bihar	3 months	Health	Health department workers and data from administrative records
Purnea and Gaya, Bihar	UNICEF	Assessment of WASH market and enterprise development in Bihar	12 months	WASH & Livelihood	Sanitation workers, ULB officials and households

Our services are guided by our academic experts from prestigious institutions from across the globe including IFS London, Kolkata University and UNU-Merit, Netherlands. Our research designs and trainings are always formulated in close partnership with all stakeholders and research experts in the fields to ensure rigour, credibility and utility and fit. Thus, each project design is developed in accordance with the needs of the client. Data collection is conducted by a cadre of well trained and experienced team. One of our key expertise is to combine research with implementation that enables us to understand, and assess and produce reliable results. Our experience in having implemented various WASH programs also helps us in better understanding of the social, economic and technical aspects.

Waste Water Treatment

We believe that water has a direct connect with wellbeing of people. That's why our growing work in water stressed areas is focused on improving their access to water for ground water recharge, agriculture and livestock. We are targeting localized solutions by improving, repairing already present water bodies like lakes.

Recycling of greywater from households through constructed wetlands for irrigation of exotic and cole vegetables in combination with water storage to have water available during the drought period. This has enabled the farmers to extend crop season by using recycled greywater for irrigation during the critical period. Also enabled them to sell the crops grown during the critical period at higher price (due to lack of supply in the market)

Restoring Chennai's Wetland: Rejuvenation of Sembakkam Lake, Chennai in support with The Nature Conservancy

To provide technical solution for rejuvenation of Sembakkam lake, FINISH Society as lead agency, along with ILIFO Ltd and The Solutions Centre, formed a consortium and entered into a partnership with The Nature Conservancy. Together we are working towards designing, implementing and monitoring a nature-based waste water treatment facility. It is proposed to construct 2 Sewage Treatment Plants (STPs) of 1 MLD and 6 MLD, respectively at two major inlets. The STP is based on Semi-Natural Treatment Technology which means both aerated lagoon and reed bed. As this technology is relatively cheaper than other technologies and has higher nutrient/ pathogen removal capacity and at the same time low maintenance and monitoring.

Drain Treatment Plant: Two Wastewater Drain Treatment Plants in Dungarpur district of Rajasthan was taken up with support of Nagar Parishad in the year 2017-18.

Two drain treatment facilities were constructed in two lakes of Dungarpur: Soneriya and Gep Sagar lakes. A Waste Water Treatment plant capacity of 50m³/day (KLD) or .05 MLD was designed and constructed to treat both blackwater and greywater at Soneriya Lake, and a plant capacity of 20 KLD/ .02 MLD at Gep Sagar Lake. The technology used for treating waste water is Constructed Wetland Application of reed plants like typha, phragmites and segment surfaces. The drainage water is treated before getting discharged into both the Lakes in Dungarpur and the treated water is being reused.

Table 3: Water management interventions

Partner	State	Intervention
Nagar Parishad Dungarpur	Rajasthan	Grey water treatment @.05 MLD
The Nature Conservancy	Tamil Nadu	Grey & Black water treatment @ 7 MLD

Faecal Sludge Management (FSM)

Our FSM programs work with hybrid model combing grant support with investment from local government. At present two FSTPs are functioning in Nilgiris and two are underway in Bihar.

Promoting safe sanitation and valorization of human faecal matter has been at the core of FINISH since inception. We aim to demonstrate and pilot scalable faecal sludge management solutions for growing towns and villages by closely with local governments, private sectors and other agencies with strong focus on reuse.

Core Objectives of Our FSM Programmes:

- To Promote Safe Handling, Disposal, Treatment and Reuse of Faecal Sludge Enabling Circular Economy.
- To Facilitate and Strengthen Engagement of Sanitation and Waste Management Workers, Private Entrepreneurs, Farmers for Economic Viability.
- To Build Capacities and Knowledge of Local Government on Faecal Sludge Management to Support Advocacy and Policy Level Changes.

IMPACT

Agriculture

- 114,310 kg of carbon sequestration
- Resource recovery of 9,038 kg N; 3,878 kg P; 4,226 kg K

Climate Change Benefits

- Over 1,341 tonnes of CO2 equivalent GHG emissions avoided by
- reducing the dumping of waste
- Over 69 tonnes of CO2 equivalent GHG emissions avoided by reducing
- the possible application of chemical fertilisers

Water reuse

- Over 4,920,000 lit of water reuse through FS treatment
- Illegal discharge of 6,150,000 lit of faecal sludge avoided

CO-COMPOST

- 692 tonnes of co-compost production and application to soil
- Over 3,000 tonnes of organic solid waste safely treated

Working in FINISH

Training and capacity building

Wetskills Event 2020-2021

Wetskills is an international programme where international water students and young professionals meet and work on innovative solutions for selected water challenges provided by professional case owners from the water & sustainability sector.

Our FS team members were also selected and participated in these ten days online event was organized by Wetskills foundation and Centre for Environment and Education where water challenge was presented for each team and International participants with a passion for water worked together on innovative solutions for global water challenges.

India CSR Summit 2020

We attended the India CSR summit held by CSR Box and NGO Box regarding CSR provision in virtual platform . The forum focused on:-Scope for engaging businesses in development agenda and Identification and deliberation of thematic interventions and modalities.

WSSC MHM Training

Under a partnership with United Nations Office for Project Services (UNOPS) and Water Supply and Sanitation Collaborative Council (WSSCC), 5 days, 5 number of trainings are done for women and adolescent girls in Uttar Pradesh and Bihar.

Our Covid Response

In many projects the field staffs worked with communities to create awareness for Covid, distributed food and hygiene supplies, helped migrants and assisted local administration in Covid relief efforts.

More than 2 lakh people were reached out in response to COVID situation across our project areas.

Transportation for 3000 migrant workers were also facilitated.

Funds And Expenditure

FINISH Society in India raises local grant from corporates, aid agencies, Government and private businesses for programs in sanitation, school WASH and SLWM. While Swachh Bharat Mission helped in attracting significant investment by giving incentives to the households, FINISH helped in creating an ecosystem attracting sanitation financing, client's investment and CSR investment. FM support in India is not utilized in hardware financing or direct implementation of projects but is leveraged for scaling up projects, capacity building, integrating GESI & Climate Change concepts for program strengthening.

Sanitation financing is mainly done through micro finance institutions along with government incentives and household contributions. SLWM programs are leveraged for software support from corporates and investments from government and private sector. Similarly, WASH in school programs leverages contribution from corporates and communities for hardware and software support. Capturing household contribution and community contribution is relatively complex due to diversity and spread of programs and was not being captured at all levels so far.