



Annual Report

2020-21

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Introduction

ABOUT US

Saahas is a not-for-profit organization registered under the Karnataka Societies Registration Act 1960, actively involved in Solid Waste Management since 2001. Our commitment towards building Zero Waste Communities is unflinching. We are devoted to finding and implementing new solutions to the ever-growing problems related to the management of municipal solid waste. We work with several stakeholders like the Government, Corporates, waste generators, recyclers to help build zero waste communities. In 2014, Saahas Waste Management Pvt Ltd (<https://saahaszerowaste.com/>), a socio-environmental enterprise also known as Saahas Zero Waste, branched out of the NGO Saahas with an aim to provide end-to-end waste management services based on the principles of circular economy. Both organizations exist as independent entities working towards holistic solid waste management based on principles of Circular Economy.

VISION

Making India a leading Circular economy where **nothing is waste**.

MISSION

- Pilot innovative resource management programs
- Collaborate closely with communities, administrators, businesses and law makers
- Evolve *next* practices for adoption of Circular Economy

OBJECTIVES

The key objectives of Saahas are:

- Maximize resource recovery through environmentally and economically sustainable programs
- Sensitize communities and bringing about behavioural change
- Implement strong monitoring and supervision processes for accurate impact measurement
- Provide dignified job opportunities to people



OUR WORK

Saahas's projects are designed around our waste management philosophy based on principles of circular economy. Our work revolves around resource recovery through source segregation and decentralized processing of waste. We demonstrate sustainable solutions involving all stakeholders that demolish the Not In My Backyard syndrome prevalent in the society.

Key project components



Maximize resource recovery from waste



Sensitize communities, bring about behavioral change

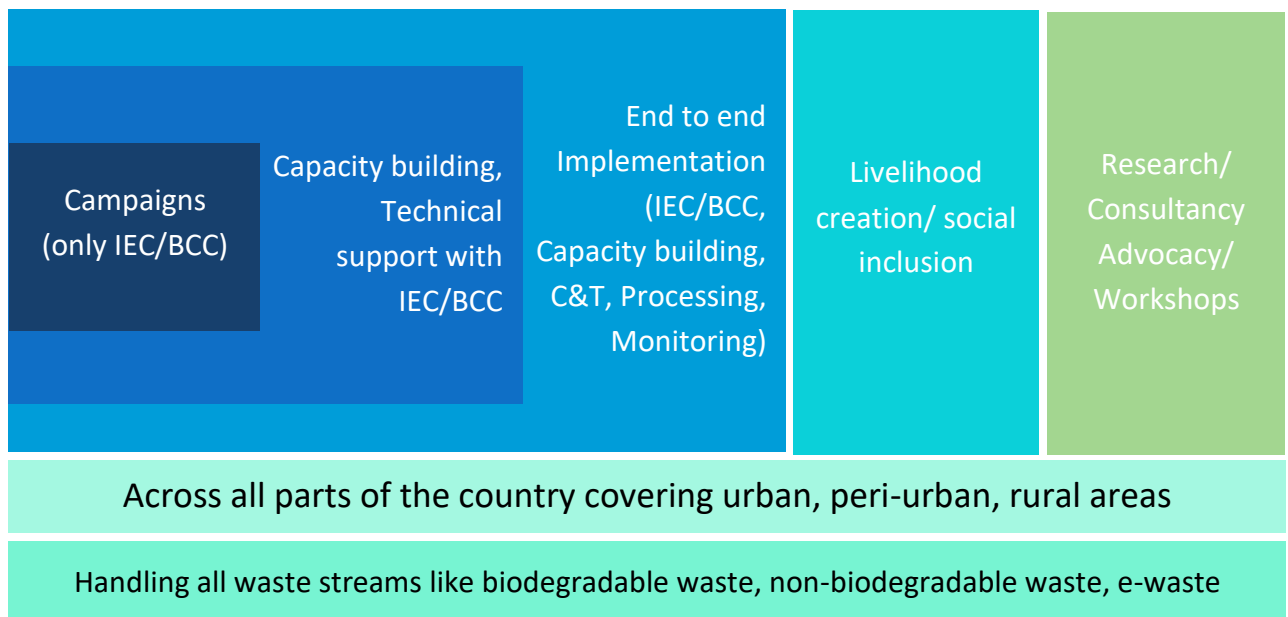


Provide dignified livelihood opportunities



Implement strong monitoring and supervision processes

OUR PROJECT VERTICALS



Overview of FY 2020-21

Every year comes with a new set of challenges for the non-profit sector. But the year 2020-21 was an extraordinary year for the entire world with the COVID-19 pandemic. COVID-19 struck right at the beginning of the financial year, bringing with it a lot of uncertainty about how the rest of the year would pan out, but that didn't lower our spirits. We were ready to soar.



Showing agility that is so necessary to the social sector, we reprioritized our work to support COVID relief activities in multiple states and carry out our waste management related work as the first wave subsided. The teams on the field showed extraordinary courage in reaching out to the needy to support with ration-kits and other essentials, while keeping themselves protected. COVID also clearly showed importance of 3-way segregation instead of 2-way, we put a lot of effort in mainstreaming this idea and discussion. Our field teams continued to work on the ground and included awareness about COVID as part of their regular work. We also quickly developed COVID specific guidelines and IEC for waste collection, storage and processing in local languages that we shared widely at our field locations and with Govt. officials.

The year also saw an increased push by the Ministry of Housing & Urban Affairs and Ministry of Drinking Water & Sanitation to attain the Swachh Bharat Mission targets in both urban and rural areas. The environment sector, including Solid Waste Management also became a key focus area for CSR spending for many Corporates. Saahas also signed many new MOUs for CSR projects in different geographies and committed CSR funds for the ongoing projects were not diverted to other activities by most of the Corporates. We were able to strengthen and expand our rural as well as urban interventions. We increased our geographical footprint to cover two new states of Andhra Pradesh and Uttarakhand.

Solid Waste Management being the responsibility of the third-tier of governance, we focussed our energies in working closely with the ULBs and Gram Panchayats to build capacities of both the elected representatives as well as the Government appointed functionaries. Various workshops and trainings were held for members of urban as well as rural bodies of Local Self-Governance.

Most of our projects initiated in the financial year 2019-20 have continued with enhanced scope and impact in the financial year 2020-21.

A snapshot of the year 2020-21 for us:



The year 2020-21 saw the launch of 8 new projects and expansion/strengthening of 15 older projects. Three out of the 8 new projects were in rural areas, and we increased our geographical footprint to 2 new states, Andhra Pradesh and Uttarakhand.

Project Verticals				
	IEC/BCC, Capacity Building, Technical Support	End-to-end implementation	Livelihood generation, social inclusion	Advocacy, Eco-system development
Rural Projects	<ul style="list-style-type: none"> Ujjwal Atul, Valsad Dist.*; Strengthening SWM in Karnataka, AP, Telangana* Mission Sunehra Kal, Bengaluru Urban & Rural Dist.; 	<ul style="list-style-type: none"> Swachh Sundar Chakan, Pune Dist.*; Beyond the Broom, Ballari; Asha Kirana, Orohalli; Swacchata Abhiyan, Karoda; 		<ul style="list-style-type: none"> Strengthening SWM in Karnataka, AP, Telangana* SWM in Nayagarh Dist., Orissa with Gram Vikas;
Urban Projects	<ul style="list-style-type: none"> Alag Karo 2.0, Gurugram*; SWM Support in Bannerghatta Biological Park*; Sada Suchitva: SWM in slum, Bangalore* Towards Clean Velachery, Chennai*; Back2Earth, Mumbai; Swachha Udupi Mission, Udupi; Let's Segregate, Begur; 	<ul style="list-style-type: none"> Aviral, Haridwar & Rishikesh * Kasa Rasa 4, Bangalore; Kasa Kiosk, Bangalore Swachh Sundar Namma Bidar; Carbon reduction thru Biogas, Bangalore; 	<ul style="list-style-type: none"> WW welfare and inclusion, Gurugram GRIT: Chennai, Mysore, Ghaziabad, NOIDA, 	
E-waste			<ul style="list-style-type: none"> bE-Responsible 	
*New projects in FY2020-21				

***In the year 2020-21,
Saahas influenced 48.56 MT of solid waste per day
Across 18 districts in 11 states
Covering more than 5.83 lakh people***

Key impact metrics



Waste Diversion Influenced: 48.56 TPD



People under direct project coverage: 5.83 Lakhs



Entrepreneurs in waste sector created/supported: 7



New eco-system partners engaged/developed: 2



Decentralization enabled: 31 units set up and operationalized



Projects executed in FY 2020-21

URBAN WASTE MANAGEMENT

Two of our largest urban interventions, Alag Karo in Gurugram and Mission Swachh Udipi Udipi, were expanded in scope, coverage and impact in the FY21. In Udipi, we increased the project coverage to all the 35 wards of the city. We improved the segregation percentage and percentage recovery from waste by setting up windrow composting facility and additional dry waste sorting centres. The Alag Karo project was enhanced with the objective of setting up a model ward in ward-32.

Meanwhile in Bengaluru, a new urban intervention was the project initiated in the Rajendra Nagar, Ambedkar Nagar and L.R Nagar slums to implement source segregation in the households and streamline segregated collection. To process the wet waste collected through this intervention, a 500kg/day biogas unit was added to the biogas plant at the Decentralized Solid Waste Management facility run by BBMP in Koramangala. Additionally, as part of our intervention in Koramangala ward of Bengaluru, we further expanded the capacity of the biogas plant by 1500kg/day. In all, Saahas contributed to the expansion of the BBMP owned biogas plant by 2 TPD.

The manned segregated waste collection kiosk, called Kasa Kiosk, that we had established in December 2018 at Wind Tunnel Road, Bengaluru, continued

uninterrupted operations, except briefly being closed during the lockdowns announced by the Government during the COVID-19 pandemic. Another Kasa Kiosk was opened in Ejjipura after clearing the large infamous black spot near passport office. Source segregation efforts of BBMP were strengthened in Begur area through our project Let's Segregate, Begur.

We made our first foray into Uttarakhand with project Aviral at Haridwar and Rishikesh. This project is supported by AEPW and GIZ and involves working closely with the Nagar Nigams of Haridwar and Rishikesh. The key objectives of Aviral are to reduce plastic waste in River Ganga by creating awareness among different stakeholders, establishing segregation of waste at source in 10,000 households and 200 commercial establishments as a pilot and capacity building of municipalities.

Another new urban intervention was in the city of Chennai where we had earlier worked to build a reverse supply chain of used Tetra Pak Cartons. The current intervention involves working in Velachery area of Chennai to ensure source segregation in 2000 households of the area. The project involves working closely with the GCC (Greater Chennai Corporation) and the waste concessionaire in the area, Urbaser Sumeet.

"Swabhimaan Trust has been working on schools and health clinics in the Rajendranagar community for a long time. Being a community of about 6000 families, there was neither segregation nor regular collection of waste in the slum area leading to black spots, all over. The clinics that I run had patients largely come in with health issues because of the waste burning and stench. Saahas started to work from May 2020, with the community, and I see cleaner roads and there is a lot of participation by the residents in the community, which has been possible only because of the Saahas team.

I clearly see change in the community, who are now keen on having their neighborhood clean. I must thank Saahas, its employees and more importantly the people who funded Saahas to drive this community program. "

Mr Venkat Iyer,

Managing trustee, Swabhimaan.

Highlights of urban interventions in FY 21

- Executed projects in 11 cities
- Enabled source segregation and routed 220MT of biodegradable waste from households of Koramangala (Ward 151 of Bengaluru) to be converted into biogas
- 6489 households in urban slums in Bengaluru reached out for awareness on source segregation, from Nov 2020 to March 2021, 21.7 MT of waste is diverted from the landfill from this area
- In Udupi, over 1,25,000 people have been sensitized, over 30,000 households are segregating waste at source. Enabled source segregation 15MT of dry waste & 35MT of wet waste per day
- Third party impact assessment conducted for Alag Karo and SROI report for the RWA pillar prepared and released by the Commissioner, Municipal Corporation of Gurugram.
- At Haridwar and Rishikesh, sensitized 4462 people across both the cities and collected 1300 kgs of waste through different campaigns.

Sada Shuchitva, Ranjendranagar

LOCATION: Bengaluru **FUNDING PARTNER:** NVIDIA

OBJECTIVES: To implement source segregation in more than 80% households in the slum through intense IEC. Work with BBMP to ensure collection services are extended to inaccessible slum area, and monitoring of door-to-door collection service through community members



IMPACT: NEARLY 6489 HOUSEHOLDS REACHED OUT, FOR AWARENESS ON SOURCE SEGREGATION. FROM NOV 2020 TO MARCH 2021, 21.7 TONS OF WASTE IS DIVERTED FROM THE LANDFILL.



Alag Karo

LOCATION: Gurugram

FUNDING PARTNERS: Coca-cola Foundation, Tetra Pak & GIZ

OBJECTIVES: To showcase a model ward and set up Sustainable Waste Management system at a ward level in Gurugram



IMPACT: SROI REPORT RELEASED. OVER 1000 HOUSEHOLDS AND SHOPS REACHED OUT DURING THE AWARENESS CAMPAIGNS



Capacity enhancement of existing waste processing unit,
Koramangala & Waste management program

LOCATION: Bengaluru **FUNDING PARTNER:** CGI

OBJECTIVES: To extend the capacity of existing biogas plant by 1500 kg and to improve the feeding mechanism for the biogas infrastructure at BBMP waste management unit, Koramangala.



IMPACT: 220 TONNES OF BIODEGRADABLE WASTE FROM HOUSEHOLDS OF KORAMANGALA WARD 151 CONVERTED INTO BIOGAS THROUGH THE PROJECT

“Propagation of the need for source segregation of waste has helped a great deal in closing the loop on effective waste management. Alag karo team’s extensive training modules for volunteers, house helps and residents and a passionately conducted door to door awareness campaign helped the housing society to reach source segregation above 85% in the very first week of starting the compost plant in UniWorld Gardens 1 and since then there is no looking back. These compost plants have also been able to provide employment to about 20 people in composting plant and in various capacities.”

Rahul Khera, Founder & CEO Balancing Bits, working with Alag Karo team

Project Aviral

LOCATION: Haridwar and Rishikesh

FUNDING PARTNER: GIZ

OBJECTIVES: To reduce plastic waste in River Ganga by
1. Creating awareness among different stakeholders
2. Establishing segregation of waste at source in 10,000 households and 200 commercial establishments as a pilot
3. Capacity building of municipalities



IMPACT: SENSITIZE 4462 PEOPLE ACROSS BOTH THE CITIES, DIVERTED 1.3MT OF WASTE FROM LANDFILL

Kasa Rasa 4, R R Nagar: Community Waste Management Unit

LOCATION: Bengaluru **FUNDING PARTNER:** GIZ-CIM

OBJECTIVES: Setting up of a community waste processing centre to manage biodegradable and non-biodegradable waste of two blocks of ward 73. To create awareness on source segregation of waste, and facilitate segregated waste collection.



IMPACT: OUR STAFF SIDDAPPA, WHO WAS WORKING WITH THE MUNICIPALITY COLLECTION STAFF, NOW MANAGES THE COMMUNITY WASTE MANAGEMENT AT KOTTIGEPALYA, BENGALURU

bE-Responsible: E-waste awareness & collection

LOCATION: Bengaluru **PARTNER:** Western Digital

OBJECTIVES: The objective of the bE-Responsible project is to provide awareness to households, schools, institutions and offices about the dangers of e-waste and to facilitate collection of non-bulk e-waste in Bengaluru city.



IMPACT: IN SPITE OF THE COVID-19 PANDEMIC A TOTAL OF 9 MT OF E-WASTE WAS COLLECTED FROM NON-BULK CONSUMERS. ALONG WITH THAT, UNDER OUR SOCIAL INCLUSION ASPECT IN THE PROGRAM, WE ENABLED MR ANAND (OUR COLLECTION IN-CHARGE) TO SET UP HIS OWN E-WASTE COLLECTION COMPANY BY THE NAME E-PRAKRUTI PVT LTD.

Swachha Sundara Namma Bidar

LOCATION: Bidar **FUNDING PARTNER:** DHFI

OBJECTIVES: Waste management around the revived heritage underground canal system called of Karez. Implement source segregation and regular door-to-door collection in the Naubad area around the Karez.



IMPACT: FROM START OF THE PROJECT IN DEC 2018, 223MT OF WET WASTE AND 150MT OF DRY WASTE HAVE BEEN DIVERTED FROM THE LANDFILL. A WASTE MANAGEMENT UNIT HAS BEEN ESTABLISHED UNDER PPP MODEL IN THE NAUBAD WARD AND COLLECTION IS BEING DONE ON REGULAR BASIS.

Swachha Udupi Mission

LOCATION: Udupi, Karnataka. **FUNDING PARTNER:** HDB Financial Services

OBJECTIVES: To implement source segregation in all wards of the city, to improve awareness levels & capacity of CMC staff & citizens, technical support to CMC to setup processing centres, promote home & community composting



IMPACT: OVER 1,25,000 PEOPLE SENSITISED. 30,000 HOUSEHOLDS SEGREGATING WASTE AT SOURCE. 15 MT OF DRY WASTE & 35 MT OF WET WASTE PROCESSED PER DAY

"We have been giving our layout e-waste to Saahas for the past 10 months now. It gives an immense sense of satisfaction to be able to divert so much of e-waste from the landfills. The e-waste collector Mr. Anand, apart from being very polite and well-mannered, takes all necessary precautions during this time of pandemic. He is always geared with gloves, mask and face shield and uses a sanitizer spray on all the items he collects. Kudos to the bE-Responsible initiative. "

Huma Farheen,
General Secretary
MS Ramaiah Residents Welfare Association

RURAL WASTE MANAGEMENT



As branded packaged FMCG products make inroads into rural areas, the amount of plastic waste being generated in rural areas is increasing manifold. Although the Swachh Bharat Mission (Grameen) guidelines do talk about setting up of holistic solid waste management systems in villages, the Gram Panchayat functionaries have very limited knowledge and resources at their disposal to spread awareness among waste generators and set up proper SWM systems. Realizing the need for support required from CSOs and NGOs towards IEC/BCC and capacity building in villages, rural areas have become a key focus area for Saahas and we have been increasing the spread of our rural interventions over the years. In the FY21, we had projects focussing on spreading awareness, bringing about behavioural change, providing capacity building and technical support to Gram Panchayat functionaries to set up decentralized resource recovery systems across 31 Gram Panchayats covering 91 villages.

In our new rural interventions, we expanded our presence in rural Gujarat and initiated implementation work in 2 new states,

Maharashtra and Telangana.

The existing rural interventions in rural Karnataka and Rajasthan were strengthened while the project in Orissa where we were supporting a local grass-roots NGO was completed with knowledge transfer to Gram Vikas.

In partnership with UNICEF, Saahas supported the states of Karnataka and Telangana in establishing 6 model Gram Panchayats in each state to demonstrate the best practices in rural solid waste management. In addition to this, under the partnership with UNICEF, Saahas is working with Telangana and Andhra Pradesh Rural Departments in developing a framework for policy, strategy and bye-laws for rural solid waste management in alignment with SWM Rules 2016 and Swachh Bharat Mission Grameen, Phase II guidelines.

A new rural intervention was initiated in two villages, Mahalunge Ingale and Bhamboli of Pune Dist., Maharashtra in November 2020.

The ongoing intervention under ITC Mission Sunehra Kal in Bengaluru Urban Dist. was expanded to include more Gram Panchayats. In the Orohalli Gram

Panchayat of Bengaluru Rural Dist., production of eco-friendly cleaning solutions using bio-enzymes was piloted to promote livelihood generation for SHGs. This also

reduced the generation of packaging waste as these products are sold in refillable bottles.

Highlights of rural interventions in FY21

- Executed projects in 91 villages
- After supporting Karnataka Govt in rural SWM policy, we are now working with Telangana and Andhra Pradesh in framing rural policy, strategy and bye-laws.
- In spite of the COVID pandemic, we were able to carry out various types of IEC events at our project locations and establish SOPs for segregated waste collection and processing with separate handling of COVID waste.
- Though there was a slip back in source segregation percentage during the first wave of COVID, the months of November-March saw steady recovery and improvement in the segregation percentage at all locations.
- Have initiated user fee collection from waste generators in 4 Gram Panchayats to ensure sustenance of the waste collection



Technical support for Solid Waste Management in rural
Karnataka, Andhra Pradesh And Telangana

LOCATION: Karnataka, Andhra Pradesh & Telangana.

FUNDING PARTNER: UNICEF

OBJECTIVES:

- To establish sustainable SWM models, managed by Grama Panchayats (Karnataka-6 and Telangana-6).
- COVID sensitive legal framework for rural SWM for Telangana and Andhra Pradesh
- State specific COVID sensitive behaviour change communication material on SWM for the 3 states
- Capacity building of relevant functionaries and consultants on promotion of sustainable and COVID Sensitive SWM units in the 3 states



IMPACT: CLOSE TO 80,000 BENEFICIARIES REACHED OUT TO, 200MT OF WASTE HAS BEEN DIVERTED FROM LANDFILLS, VWSC IN MANY OF THE GPs HAVE BEEN REVIVED

“Initially people were not willing to give waste to the waste collection staff. Now if the waste collection vehicle does not go, they call to Panchayat office and ask to send vehicle. The overall cleanliness of the GP has increased and people are happy with the change. Special thanks to Saahas for helping us setup this SWM system in our GP “

Mr. Basangouda Patil,
Panchayat Development Officer, Nesargi Gram
Panchayat, Belagavi

Ujjwal Atul

LOCATION: Atul, Gujarat

FUNDING PARTNER: Atul foundation

OBJECTIVES: Bringing about a behavioural change in the community to ensure segregation of waste at source and decentralised management of the waste collected.

IMPACT: PROCESSED 99 T OF WASTE & 89 % WASTE HAS BEEN DIVERTED FROM DUMP SITE AND PROCESSED

Swachh Sundar Chakan

LOCATION: Mahalunge and Bhamboli villages of Chakan district, Pune

PARTNER: Indospace **MONTH OF STARTING:** Nov 2020

OBJECTIVES: The project aims to establish a Solid Waste Management system in two villages Mahalunge Ingale and Bhamboli of Chakan district, Pune.

IMPACT: WE HAVE CONDUCTED DOOR-TO-DOOR AWARENESS TO MORE THAN 700 HOUSES AND HAVE DIVERTED 14 TONNES OF WASTE FROM LANDFILLS TO THE WASTE PROCESSING FACILITY.

Sampurna Swachhta Abhiyan

LOCATION: Karoda, Alwar, Rajasthan

PARTNER: PRIF

MONTH OF STARTING: September 2019

OBJECTIVES: To set up sustainable solid waste management systems as per SWM Rule 2016, in the villages of Karoda, Dish & Ajmeripur. To Implement the practice of source segregation, the first step towards circular economy and maximize resource recovery, minimize waste dumping and /or burning.

IMPACT: DOOR TO DOOR COLLECTION OF NON-BIODEGRADABLE WASTE, SORTING OF WASTE AND SENT FOR RECYCLING. REGULAR IEC ACTIVITIES LIKE DOOR-TO-DOOR AWARENESS, CLEAN-UP DRIVE, DRAWING COMPETITIONS, WASTE TO ART, COMMUNITY MEETINGS ETC. TO SENSITISE THE STUDENTS AND COMMUNITY. AROUND 400 KG OF NON-BIODEGRADABLE WASTE PER MONTH COLLECTED AND HANDLED RESPONSIBLY.

Mission Sunehra Kal: SWM in Bengaluru North Urban Dist.

LOCATION: Bengaluru North Urban District

FUNDING PARTNER: ITC

OBJECTIVES: To implement sustainable waste management practices in Gram Panchayats of Chikkajala, Doddajala and Kannamangala with the active support of gram panchayat and residents. To conduct IEC/BCC activities engaging all the stakeholders and facilitate the GPs to set up de-centralised waste management units.



IMPACT: DIVERTED 56.6 TONNES OF DRY WASTE AND 558 TONNES OF WET WASTE FROM LANDFILL OVER THE YEAR



Asha Kirana

LOCATION: Orohalli, Bengaluru Rural Dist. **FUNDING**

PARTNER: Juniper Networks

OBJECTIVES:

Handover the waste management to the Gram Panchayat, ensure sustainability through user fee

IMPACT: COLLECTED 15 TONNES OF DRY WASTE FROM CLOSE TO 1300 HOUSEHOLDS. ONE OF THE STAFF, PRAKASH, BECAME AN ENTREPRENEUR AND OFFERS WASTE MANAGEMENT SERVICES TO GRAM PANCHAYATS IN BENGALURU RURAL DIST.

Beyond the Broom

LOCATION: Ballari District **PARTNER:** JSW Foundation

OBJECTIVES: To move beyond street sweeping and adopt a more holistic rural waste management system for collection of segregated biodegradable and non-biodegradable waste from over 22,000 households and shops in 12 villages of Ballari.



IMPACT: HANDED OVER SWM IN 5 VILLAGES IN 3 GPs TO THE GRAM PANCHAYAT, COLLECTED 370 TONNES OF DRY WASTE AND COMPOSTED 442 TONNES OF WET WASTE. INCREASED THE AMOUNT OF WASTE COMPOSTED BY 5 TIMES

SUPPORTING ENTREPRENEURS

A very important part of our work is to ensure creation of dignified livelihoods in the waste management sector and train entrepreneurs to establish viable operations around waste collection and processing. Some of our staff have set up their own firms and are providing waste collection and processing services to Gram Panchayats and ULBs. A few examples:



Anand - E-Prakruti Pvt Ltd

As part of our e-waste project, bE-Responsible, we have established regular collection of e-waste from non-bulk e-waste generators through E-Prakruti Pvt Ltd, a firm set up by Anand who was earlier working as a driver in be-responsible project. The CSR support has now ended but the collection of e-waste from non-bulk e-waste consumers continues through E-Prakruti. The traceability of waste is maintained using the Zoho app that was set up as part of the CSR project. The waste is given to an authorized recycler of e-waste and saahas matches the volume of e-waste for which recycling certificate is issued with the waste collected by the entrepreneur. Thus, another CSR project has been successfully made self-sustaining by doing intense awareness and ensuring sufficient volume of e-waste is collected to make the logistics viable.

Shankar – Karez Waste Management Pvt Ltd

Shankar, who was working as a Field Supervisor at Bidar has set up the Karez Waste Management Pvt Ltd to provide waste collection and processing service. This has ensured that the project which was running through grants from Deccan Heritage Foundation is now self-sustaining. Shankar's company does door to door collection of segregated waste from 600+ houses and 150+ shops in Naubad area of Bidar. He has been provided land by the CMC, Bidar for a Waste Management Unit which has been set up under PPP model with infrastructure support through the Deccan Heritage Foundation. His sources of income include user fees from shops and households, sale of dry waste and sale of compost. He is looking to expand his business by increasing his collection coverage, aggregating the low value waste and identifying dealers for more types of waste. It is a small beginning for Shankar and also for a small town like Bidar and today he is contributing to diversion of about 300kg of waste every day from the landfill in Bidar.



Prakash – Bhoomi Environmental Services



At Orohalli, in Bengaluru Rural District, Prakash had worked as a Field Supervisor of Saahas in the Asha Kirana Project which is a CSR initiative by Juniper Networks. As SWM systems are getting implemented in more and more Gram Panchayats in Karnataka, the state is encouraging SHGs and entrepreneurs to take up offering SWM service to the Gram Panchayats. Prakash has set up Bhoomi Environmental Service to offer holistic SWM services to the Gram Panchayats. He has signed a MOU with Samethanahalli Gram Panchayat and is offering segregated waste collection, transportation and processing services. He is providing employment to more than 8 workers who do the collection and processing of waste.

Team at Bidar which formed the Karez Waste Management Pvt Ltd with Shankar seen with Saahas Project Coordinator:



WASTE WORKER WELFARE AND INCLUSION PROJECTS

Waste Worker Inclusion and Livelihood Program Impacting Lives

LOCATION: Gurugram

FUNDING PARTNER: Danisco India Pvt Ltd and DDP Speciality

OBJECTIVES: The project aims for formal inclusion of waste workers as per SWM Rule 2016 and supporting them with tools to improve working efficiency and livelihoods

ACTIVITIES & IMPACT: Waste workers in Wazirabad region have been reached out through the program. Around 100 plus waste workers have been identified. ID cards from Municipal Corporation of Gurugram (MCG) were provided to the Waste workers, thus providing them and identity and preventing harassment.



As part of the project, we also provided training to the waste workers on source segregation and conducted focused group discussion on assessing the needs of workers to improve their livelihood. Daily assistance to waste workers in monitoring collection to ensure waste is segregated and also collected in a segregated manner to improve their earnings was also provided.

We also organised Menstrual Hygiene workshop and distributed cloth pads to women waste workers; conducted dental hygiene workshop for nearly 100 children and gave personal hygiene kits, masks, gloves and other PPEs to the waste workers.

GRIT – Green Recycling, Inclusive & Transparent

LOCATION: Chennai, Ghaziabad, Mysuru, NOIDA

FUNDING PARTNER: Coca-Cola Foundation

OBJECTIVES: The project aims to bring about social inclusion of waste workers and transparency in material sourcing. It also provides support for setting up of Material Recovery Facilities in each of the four cities.



IMPACT: Four entrepreneurs have been provided equipment support to improve operational efficiencies at the Material Recovery Facilities (MRFs), one in each city of Mysuru, Chennai, Ghaziabad and NOIDA. In spite of serious challenges in availability of labour and waste due to COVID, the facilities continue to remain operational

MRFs (MATERIAL RECOVERY FACILITIES) SET UP AT ALL 4 CITIES, AND ARE OPERATIONAL

INNOVATIVE PROJECT CONTINUED FROM 2019-20

Kasa Kiosk, Wind Tunnel Road

LOCATION: Bengaluru

FUNDING PARTNER: Omega Healthcare

OBJECTIVES: Setting up and operating a manned segregated waste collection kiosk. The kiosk operates on all days of the week in 2 shifts, for people who cannot use the municipal waste collection services due to availability constraints. All three categories of segregated waste, biodegradable, non-biodegradable and domestic hazardous waste are collected.

ACTIVITIES & IMPACT: The dumpsite which existed before, in the location, is now a visibly cleaner place. Continuous operations in 2 shifts are being carried out by Saahas staff since 18th Dec 2018.



87 MT OF WASTE HAS BEEN COLLECTED AT THE KIOSK FROM 10,000 PLUS WASTE GENERATORS

Another kiosk based on this model was set up in Ejjipura, Bangalore.



Relief activities for COVID-19 impacted families

As the COVID pandemic gripped the nation in the months from April to November 2020, the awareness and capacity building activities across our projects had to be stopped. However, our field teams continued to do waste collection, processing and supervision tasks with adequate protection. We issued clear SOPs for waste collection, handling of waste at waste processing centres and handling and disposal of COVID waste. We ensured that our staff got paid salaries during the lockdown and had access to medical facilities.

The pandemic led to a breakdown of the waste supply chain and impacted the livelihoods of many informal waste workers. Saahas raised funds to support waste workers at various locations who were left without any source of income during and after the lockdowns. We raised a total of Rs.29,92,884 in the form of retail and corporate donations from Indian and Foreign sources. The funds were distributed to 3214 families in the form of ration kits. Additionally direct cash transfers of Rs.1000 were made to bank accounts of 59 waste workers. Relief work was carried out in Bengaluru, Bidar, Ballari, Chennai, Cochin, Gurugram, Ghaziabad, Mysore, NOIDA, Goa, Thane and Udupi. Several events were also conducted to spread awareness about COVID appropriate behaviour among people.



Capacity building, Consultancy & Advocacy Activities

Contributions to eco-system development: As part of our work, we also engage with other NGOs who are not working in the solid waste management sector but have vast grassroots presence. We help these charities build their capacities in implementing SWM in the regions where they are working. In 2019-20, we had worked with Seva Mandir, a very reputed NGO working in Rajasthan to support them in implementing holistic SWM in Kelwara. This year, we have collaborated with another reputed NGO, Gram Vikas to train it's Nayagarh team in executing SWM projects in rural areas. It has been a rewarding experience working with these two not-



for-profits and we are happy to be able to spread our knowledge to newer geographies through them. Saahas also conducted an orientation session on SWM for the APMAS NGO working in AP.

Apart from building capacities of other NGOs, we have also conducted multiple training sessions and workshops for Government Functionaries and sanitation staff of ULBs and Gram Panchayats.

- **Saahas in partnership with UNICEF provided an introductory training to the SBM Consultants, district, block and GP level functionaries of PRRD Department of Government of Andhra Pradesh and the Swachh Andhra Corporation.** The session focussed on steps and challenges in SWM implementation in rural areas. The session was conducted online due to the COVID pandemic and was attended by more than 1,12,000 participants.
- An overview of the **Karnataka Sanitation and SLWM Policy, Strategy and Bye-laws for rural areas** was provided to all the District CEOs of Karnataka. The session was also attended by the AS, SBM-G, MJS, Mr. Arun Baroka. This was followed by a similar overview session for EOs of all the Taluks. These sessions were organized by the RDWSD, Government of Karnataka and the objective was to familiarize the Government functionaries with the guiding principles behind the rural sanitation and SLWM policy of rural Karnataka and the provisions in the model bye-laws which aid the implementation of SWM based on the guiding principles. In addition to these in-person sessions, online sessions were conducted for all the PDOs and other Government officials working at District, Taluk and GP level in rural Karnataka for wider dissemination of the Policy, Strategy and model Bye-laws.

- Workshops with exposure visits were conducted for the state and district SBM consultants of the RDWSD, RDPR, GoK.



- A team member of Saahas was a speaker at the Webinar on 15th World Convention on Waste Recycling and Reuse organized by Recycling Summit. The session was attended by professionals in the field of Recycling and waste management.
- Throughout the year, we organized multiple sessions on sustainable menstruation to promote sustainable options like cloth pads and menstrual cups and eliminate single use sanitary pads.
- Apart from these, we organized multiple awareness and sensitization sessions for corporate employees on solid waste and e-waste management, along with tips on zero-waste lifestyles.



Publications and Papers presented

Sl.No	Title of the Paper	Name of the journal	Date of publication/ Issue	Conference where paper was presented	Author & Presenter/s
1	Swachha Sundara, Namma Bidar; Waste Management project in the Karez of Naubad	Published in conference journal	December, 2020	10th International Conference on Sustainable Waste Management towards Circular Economy 2020	Naveen YS

Awards

Sl. No	Name of the Award	Category	Organiser/s	Project applied for	Month - Year
1	HCL Grant 2021	Environment	HCL foundation	Organisational level	March 2021
2	7th e-NGO challenge 2020-2021	Environment and Sustainability	Digital Empowerment Foundation	Sunehra Kal, Bengaluru	March 2021
3	.ORG Impact Award 2020 (Finalist - Top 5)	Advancing Environmental Sustainability	Public Interest Registry (PIR)	Swachha Sundara Namma Bidar	December 2020



HCL Grant 2021 (Top-L) & Award announcement (Top-R) and 7th e-NGO challenge 2020-2021 (Bottom)

Funding Partners in 2020-2021



Eco-system Partners in 2020-2021



Balance sheet & Financial Statement for 2020-2021

Balance Sheet

Balance sheet as on 31.03.2021, all figures in ₹ Lakhs							
LIABILITIES				ASSETS			
	INDIAN	FCRA	TOTAL		INDIAN	FCRA	TOTAL
General Fund as on 31.03.21	136.49	71.70	208.20	Non-current assets as on 31.3.21	6.90	14.47	21.37
Grant advances	421.58	258.32	679.90	Current assets	33.29	2.20	35.49
Earmarked Funds	12.79	-	12.79				
Current Liabilities	62.55	9.07	71.62	Cash and Bank Balances	593.23	322.41	915.64
	633.42	339.08	972.51		633.42	339.08	972.51

Financial Statement

Income and Expenditure Account for the year 31.03.2021, all figures in ₹ Lakhs							
EXPENDITURE				INCOME			
	INDIAN	FCRA	TOTAL		INDIAN	FCRA	TOTAL
Project Expenses	599.39	141.47	740.86	Donations	18.73	14.08	32.81
Depreciation and Amortization Expenses	1.48	2.62	4.10	CSR Grants	471.73	133.24	604.96
Other Expenses	10.14	0.51	10.65	Other Grants	14.13	-	14.13
Written off Tax receivables	2.44	-	2.44	Consultancy services	36.66	-	36.66
Excess of Income over Expenditure	-48.65	13.51	-37.58	Other Income	21.12	10.79	31.91
Total	562.36	158.11	720.47		562.37	158.11	720.47

Auditors: EBS & Co. Chartered Accountants, ICAI Firm Reg No.022309S

Human Resources (As on 31st March 2021)

Salary wise Staff Distribution			
Slab of gross salary plus benefits (₹Per month) CTC	Male	Female	Total
Up to 10000	1	16	17
10000-25000	40	80	120
25000-50000	22	12	37
50000-100000	5	8	13
Total	68	116	184

Employees Gender Ratio			
Gender	Full time	Part Time	Paid Consultant
Male	68	0	6
Female	116	0	1
Total	184	0	7

Board Members

Sl. No	Name	Role	Nationality	Year of Joining	Occupation
1	Ms. Wilma Rodrigues	Founder member	Indian	2001	CEO, Saahas Waste Management Pvt Ltd
2	Mr. Viswanath Gopalakrishnan	Member	Indian	2013	Founder/Director, Organisations & Alternatives Consulting
3	Mr. Subrahmanyam Ivatury	Member	Indian	2013	CEO and Co-Founder, Social Convergence
4	Mr. Ashish Patel	President	Indian	2016	Director, CMCA
5	Prof P D Jose	Member	Indian	2016	Professor, IIM Bangalore
6	Mr. Sourav Mukherji	Treasurer	Indian	2020	Professor, IIM Bangalore
7	Ms. Divya Tiwari	Secretary & CEO	Indian	2016	CEO, Saahas

- None of the Board Members have any blood relations with any other Board Member.
- None of the Board Members and staff have made any international travel trips funded by Saahas during this period.
- None of the Board Members receive any remuneration from Saahas other than the Secretary (Ex-officio, being the CEO).
- Last Board rotation happened in 2020-21 with one member moving out and one new member joining in.

Contact Information

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Head Office:

Sahas

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5th C Cross, 16th Main,
BTM Layout 2nd Stage,
Bangalore - 560076

Compliance and Statutory:

ITEM HEAD	DETAIL
Registration	SOCIETY UNDER KARNATAKA SOCIETIES ACT 1960, NUMBER: 614/2001-02
PAN	AAAAS8984N
12A	AAAAS8984NE20214, ISSUED ON 28.05.2021
80G	AAAAS8984NF20214, ISSUED ON 28.05.2021
FCRA	94421566, RENEWED ON 09.05.2019
CSR-1	CSR00000097
DARPAN ID	KA/2017/0165755

Social Media

PLATFORM	HANDLE
LINKEDIN	HTTPS://WWW.LINKEDIN.COM/COMPANY/SAHAS
FACEBOOK	HTTPS://WWW.FACEBOOK.COM/SAHASNOTHINGISWASTE/
TWITTER	HTTPS://TWITTER.COM/SAHAS_NGO
INSTAGRAM	HTTPS://WWW.INSTAGRAM.COM/SAHAS_NGO/
YOUTUBE	HTTPS://WWW.YOUTUBE.COM/CHANNEL/UCFWH2IMLGGR2TK1_LBFT48A