



NEPRA FOUNDATION
ANNUAL REPORT
2021 - 2022

CELEBRATORY



The year marks NEPRA Foundation winning its first award. It has been awarded “The Best NGO of the Year in Public Awareness” by Plastic Recycling Conference Asia 2.0 (PRCA).

FROM THE TRUSTEE'S DESK



Dear Friends,

With change being the only constant, NEPRA Foundation is evolving and adapting to the changing circumstances while rigorously striving to achieve its mission of 'Care for People and Planet'.

Since its inception, the foundation has been actively involved in curating initiatives and projects making a positive impact in the area of waste management and sustainability. NEPRA foundation strives to support the Bottom of the Economic Pyramid (BoEP) sections of the society and drive positive socio-economic and environmental impact through diverse community engagement initiatives and waste management activities.

To adhere to the mission of impacting people and planet positively, the foundation is constantly working to improve the lives of the people across all sectors and domains simultaneously impacting the environment positively.

This year has been a major leap for the foundation. NEPRA Foundation has initiated several projects for the well-being of individuals involved in the waste management value chain with more emphasis on the waste picker community. It has increased its reach to Rural areas for effective waste management. It has been actively involved in the establishment of effective waste management and sensitization of rural masses across Gujarat covering more than 100 villages under the Azadi Ka Amrit Mahotsav and Swachh Bharat Mission 2.0.

NEPRA Foundation's focuses to empower children to be the changemakers for a sustainable future driving its awareness at schools and colleges across the country. Simultaneously, the foundation is involved in uplifting the women of the BoEP section by providing them opportunities to earn a living and gain financial independence by turning waste into a source of income.

I am delighted to share the NEPRA Foundation's Annual Activity Report for the year 2021-22 covering the initiatives and activities making a socio-economic and environmental impact, aligning to SDG and in line with national goals, COP26 Goals and Swachh Bharat Mission.

We look forward to your continued support for a better tomorrow.

A handwritten signature in black ink, appearing to read 'Sandeep Patel', enclosed within a large, light-colored oval scribble.

Regards,

Sandeep Patel

PREFACE

At NEPRA foundation, all the activities are in the domain of the waste management sector aiming to drive a **three way- environmental, social and economic impact**. We believe that when the right waste management is practiced in an efficient, organized and transparent manner, the well-being of all stakeholders within the system increases. Our work is thus in line with the organization's mission- **“Care for People and Planet”**.

The organization in its earlier stages was built with the intent to focus on and work for the well-being of the Bottom of the Economic Pyramid (BoEP) workers of the sector. This remains the area of core focus for the activities conducted under the NEPRA Foundation. With time, the scope of the foundation has been widened, bringing change in people’s perception of waste management and later focusing on making waste valuable. The scope of the foundation’s activities today, can be predominantly divided under:

Improving the well-being of Bottom of Economic Pyramid Workers (BoEP)- Numerous initiatives are being taken for the holistic upliftment of the Waste Picker Community. These include initiatives focused on their economic upliftment, sensitizing the community on numerous health and hygiene practices to follow, education support for children of the community and initiatives that ensure their psychological well-being by respecting their labour.

Awareness sessions for all stakeholders in the waste management sector- We firmly believe that change is only possible when one changes their behaviour and attitude towards the issue. Awareness initiatives for different kinds of focus groups like residences, commercials, schools, villages etc. are conducted by the foundation team with an aim of steering behavioural change.

Making Waste Valuable- We believe in the “power of waste”, the power that it is valuable and can bring value to people’s lives if handled right. Thus, several upcycling initiatives driven by the women of the BoEP section are in the making. At present, we are focusing on upcycling textile waste, as an attempt to solve the problem of textile waste disposal. Simultaneously empowering several women of the BoEP section by making this a means for them to earn livelihood and become financially independent.

Rural Waste Management Initiative- Under Azadi ka Amrit Mahotsav, NEPRA Foundation along with several partner organisations initiated "Plastic Waste Management" in 80+ villages across the state of Gujarat. NEPRA Foundation ensured the collection and sustainable end disposal of plastic waste for 100 days making the villages plastic waste free. This project created a huge environmental impact diverting several tonnes of plastic waste ensuring its sustainable end disposal.

At, NEPRA Foundation we understand our commitment to the environment and society, hence, continuously are striving to bring change. This report details an overview of the initiatives, training, events and activities which were conducted in the year 2021-2022.



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01

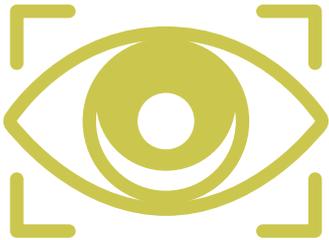
ABOUT NEPRA FOUNDATION

NEPRA Foundation, established in 2012, a public charitable trust, is registered under Trust Registration Act, 1950 and is also a 12A 80G Certified Organization.

NEPRA Foundation, a not-for-profit organization focuses on making a socio-economic and environmental impact by engaging in several activities and initiatives involving different stakeholders in the waste management sector. With the purpose to create a positive impact, it has curated several initiatives for the well-being of the waste picker community and to enable behavioural change toward sustainable waste management practices.



VISION



Impact and drive socio economic benefits to People and Planet positively by engaging in awareness activities, and initiatives involving different stakeholders of the waste management sector.

MISSION

- **Enable behavioral change towards waste segregation.**
- **Mainstream the waste picker community, with a special emphasis on women and children to achieve environment justice”.**
- **Empower children to become change makers for a sustainable future.**
- **Create value chain and empower through eco-system creation for different waste streams.**
- **Improve better standard of living for Bottom of Economic Pyramid workers (BoEP) and create enabling environment with better opportunities for them in the waste management sector and related activities.**



VALUES

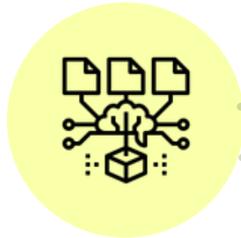


- **Empathy-** We passionately connect with the people at the Bottom of the Economic Pyramid for them to live a dignified life and work towards betterment of the marginalized sections of the society.
- **Empowerment-** We encourage women to contribute meaningfully in the economic development by taking ownership of their livelihood.
- **Trust-** We value all our stakeholders and duly recognizing their strengths, we lead to achieve a collaborative output.
- **Environmental Stewardship-** We believe that taking care of the environment is a collective responsibility, and encourage all stakeholders to work towards attaining a circular economy and a Zero Waste to Landfill Society.

OUR APPROACH



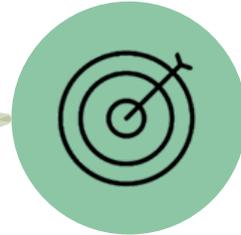
Direct Engagement



Enabling models of development



Organizing the waste management sector



Outcome & Impact Orientation



Building Green Economy



Prioritizing all stakeholders



02

WASTE MANAGEMENT AWARENESS INITIATIVE

1000+

No. of Hours
of Awareness

90

Schools Covered
PAN India

15

NEPRA's Representative
involved in
awareness sessions

100+

Villages Covered



a.

Waste Management - Education Initiative

NEPRA Foundation since its inception has focused on bringing behavioural change with regard to Waste Management among general public. Children have been at the centre of the approach to empower them to be the changemakers for a sustainable future.

NEPRA Foundation's Waste Management Education Initiative is aimed at educating children about the importance of proper waste management, segregation and disposal practices. current waste management scenario, what is their role and, how they can be the changemakers.

The sessions are designed to involve the students and keep them engaged delivering the message rightly. They are curated keeping in mind different age groups and backgrounds to make them understand the aspects of waste management and sustainability.

NEPRA Foundation in the year 2021-22 carried out several awareness sessions on waste management. These young individuals were enlightened on the importance of proper management of plastic waste. Right from making them understand the types of waste, to that of what can they do to be the change makers, amidst many other topics were engagingly discussed by the NEPRA Foundation team.

THE TOPICS WHICH ARE COVERED UNDER AWARENESS SESSIONS ARE AS FOLLOWS:

- What is Waste?
- What are the different types of waste?
- What is Segregation and why is it important?
- What can be done with dry waste?
- Types of Plastics and Plastic Waste Management.
- What is MLP and where can it be used?
- What can be done with dry waste?
- Motto: Zero Waste to Landfill
- 3 Rs of Waste Management
- What roles the students can play in their circle of influence on Waste Management?

List of schools covered under the initiative

Sr. No.	Date	School Name	No. of Students
1	23/07/2021	Delhi Public School	40
2	27/09/2021	Cosmos Castle International School	60
3	14/12/2021	Solaris Public School	50
4	28/03/2022	Rajabhagat School	50
5	29/03/2022	Kankaria Primary School	60

**Cosmos Castle
International School,
Ahmedabad,
Gujarat.**

Waste Management in India

Today India is generating **2,76,342 Tonnes Per Day (TPD)**

In 2031 India will generate **4,50,132 TPD**

The waste generation is so intense that if we collect all waste from
we need **4 stadiums every day** to dump the material
and
it will take only 150 days to fill-up city like Ahmedabad




**Solaris Public
School,
Memnagar,
Gujarat.**



**Kankaria
Public School,
Maninagar,
Gujarat.**



**Rajabhagat
School,
Maninagar,
Gujarat.**



b. Awareness Session with Urban Local Body (ULB)

NEPRA Foundation strives to bring behavioral change among individual with regard to right Waste Management practices. Along with it, also conducts awareness sessions for commercial establishments, govt. bodies, other NGOs, etc.

An awareness session was conducted for the department of Solid Waste Management at Serampore Municipality. The purpose of the awareness session was to sensitize the individuals involved in segregation of the materials. They were sensitized about the different types of materials that comprise the dry waste category and how to ensure proper segregation of waste at secondary points.



c.

Rural Awareness

NEPRA has conducted awareness drives at different levels to ensure that villagers are sensitized and understand its importance.

The levels of awareness engagement which were being conducted are as follows:

Information, Education and Communication (IEC) awareness: Posters and banner were put up at different village sites in order to Interpersonal Communication and door to door awareness sessions: These sessions were conducted in order to reach every individual of the community and sensitizing them on the same.

Engagement at Common Spaces and Shops: Main centers at the village where people gather everyday were identified and awareness was conducted for them at those times. Also, small stores and shops selling groceries and provisional stores, tea stalls and shops selling tobacco, etc. were identified and awareness was conducted especially with the shopkeepers to encourage their clients to use the right bin for disposal of items they buy.

Waste Management Education at Schools: Schools in the villages were approached and awareness sessions were conducted for students. The students were given the title of "Swachhta na Sainik". These children were then encouraging the villagers to use the bin, collect plastics in school and bring about an environmental impact.



THE FOLLOWING TOPICS WERE TALKED AND DISCUSSED ON DURING THE AWARENESS SESSIONS

- 1)Waste and its type?
- 2)Segregation and its importance?
- 3)Why plastic and other dry waste should be segregated?
- 4)Why burning waste is not a good practice?
- 5)Sustainable Disposal methods for Wet and Dry Waste?
- 6)Importance of Recycling?

Awareness conducted in Schools, Commercial areas, Residential areas & at common spaces across all the villages.



Different levels of Awareness

1) IEC Awareness



2) Door to Door Awareness



3) Commercial Awareness



4) School Awareness



5) Focused Group Awareness



6) Mass Awareness



03

RURAL PLASTIC WASTE MANAGEMENT INITIATIVE

Gujarat Pollution Control Board (GPCB) initiated "Plastic Waste Management and Environment Protection Campaign" for 100 days across Gujarat for the celebration of 75 Years of Indian Independence under the "Azadi ka Amrit Mahotsav" campaign.

As part of commencing this initiative, NEPRA started with waste assessment of different villages. Identifying villages with proper waste management system in place and others where work needs to be done from scratch. The Panchayats were approached in order to gain an enhanced understanding of the situation with respect to Waste Management. Based on the information received from the Panchayats awareness sessions were conducted on plastics, the importance of its sustainable disposal, value of waste, segregation and the impact of right waste management on the people and planet in this case villagers and their environment. NEPRA then took up the responsibility to ensure the timely collection and disposal of waste for the duration of 100 days in the villages.

At each level of the process, several awareness sessions were conducted throughout the 100 days initiative to ensure behavioral change and proper execution.



List of villages covered by the Industries involved in the Rural Waste Management Initiative

Sr. No.	Company's Name	Villages Covered
1	Havmor Ice creams Pvt. Ltd., Sanand	Makhiyav, Melsana, Mankol, Pava & Kundal
2	Arvind Foundation, Kalol	Jethlej, Nasmed, Hazipur, Unali & Karoli
3	Ramdev Food Products Pvt. Ltd., Sanand	Zekda, Chiyada, Sakodra, Rupal & Siyavada
4	Heranba Industries Ltd., Vapi	Chandor, Namdha, Sulpad, Dasavada & Taramaliya
5	Nivea India Pvt. Ltd., Sanand	Dodan, Daran, Chandrasan, Virochhannagar & Godhavi
6	SRF Ltd., Dahej	Bhensali, Khojghad, Nandida & Sadathala
7	Torrent Pharma. Ltd., Sanand	Indrad, Bileshwarpura, Dhanot, Chadasana & Ambavpura
8	Torrent Pharma. Ltd., Dahej	Lakhigam, Luvara & Ambheta
9	Vasant Masala Pvt. Ltd., Sanand	Vadodara Patia Road, Sanoda, Halisa, Mangodi & Dabhoda
10	Ratnamani Metals & Tubes Ltd., Sanand	Vadaswami, Isand, Ola, Irana & Anakhol
11	Troikaa Pharma. Ltd., Sanand	Popatpura, Nanidevti, Soyla, Ganasar & Amthapura

NEPRA Foundation along with several partner organizations has reached out to many more villages facilitating in awareness.

04

IMPROVING THE LIVES OF THE WASTE PICKER COMMUNITY

a. Waste Pickers Welfare Training

According to the reports, there are over 3 million informal waste pickers across India. They are the backbone of India's waste management sector.

One of NEPRA Foundation's core focus is striving to work for the wellbeing of the waste picker community. NEPRA Foundation is committed in improving the quality of lives of the waste pickers. Focused awareness sessions are conducted regularly covering different aspects of waste segregation (how to segregate the waste), menstrual hygiene practices, right food habits, etc. with a goal of imparting right knowledge eventually helping them improve their day-to-day lifestyle. They are sensitized and are made aware on diverse important topics related to health, well-being, safety etc.



b. Education Center

NEPRA Foundation along with **SHWAS Charitable Trust** has been running an education center in the Hatkeshwar area of Ahmedabad, Gujarat. The foundation ensures that the waste pickers children are being educated and are currently undertaking the education of **90+ students**. The children of the age group 4 to 14 years come here to gain knowledge and are then further divided into two batches based on the same.

A comprehensive curriculum is designed which focuses on their overall development. Various extra- curricular activities are conducted such as origami, drawing, dance etc. Children are sensitized and taught the basics of ideal health and hygiene practices. The safety of these children are ensured by the Shwas team and the foundation.

NEPRA Foundation is further envisioning the opening of many such education centres at different location within the city as well as PAN India.



About SHWAS



Shwas is a non-for-profit organization that works for educating underprivileged kids in Ahmedabad since the last 13 years. Currently they are working with 650 kids by educating them every day.

NEPRA Foundation has collaborated with Shwas in Ahmedabad to educate the children of the waste picker community.



05

TEXTILE UPCYCLING INITIATIVE

NEPRA Foundation has been working closely with several women from the Bottom of the Economic Pyramid (BoEP) section of the society facilitating in upcycling of the textile waste & making waste a source of income.

NEPRA Foundation helps in making godadis out of textile waste received from various organizations. NEPRA Foundation ensures the delivery of these textile waste to the houses of these women and picks up the final product to further deliver it to various other non-governmental organizations (NGOs). Thus, enabling an environment, where they can work and take care of their household activities parallelly. The foundation in the year 2020-21 has managed to divert more than 3000 kgs of textile waste.

Along with making quilts, the foundation is also indulged into making various upcycled products like masks, clothe, bags, scrunchies and other accessories.



3000 kgs of Textile Waste

Upcycling

Upcycled Products

a.

Waste as a resource : From our women superheroes



Minaben, her sister-in-law Daxaben and her mother-in-law Gomtiben together have been working with Bhavanaben for making quilts (godadis). They have been associated with the NEPRA foundation for a year now.

They work from the comfort of their home and use their personal machines and have expertise in the Kathiyawadi style of making the products.

When asked about her experience working with the foundation, she (Minaben) says, "We usually get individual orders for different types of products only during festivals and occasions so the rest of the time we are engaged with making quilts."

She added "During Covid times, people avoided going out of their houses and coming to our place to give orders. Thus, making quilts really helped us during the difficult times of Covid, working at the comfort of our home and being safe."

Minaben has three children and Daxaben has two. This day job allows them to give time to their children and drop and pick them up from school and tuition and also do other chores.

b. Upcycled products



Envelopes



Bags



Scrunchies



Masks



Pouches



Accessories



Potlis



Quilts

06

SOCIAL WELFARE AND SUPPORT TO RETIRED EMPLOYEES

- NEPRA Foundation team visited the houses of retired waste management employees and a focus study of their household and surroundings were conducted.
- Career counselling and guidance for their grandchildren was provided.
- Policies are being developed for education, health and other basic facilities to ensure that they and their dependent family are able to meet their elemental needs.



WAY FORWARD

NEPRA Foundation's initiatives and activities are in line with its mission of **Care for People & Planet**.

In the years to come, the foundation strives to work for the well-being of the Bottom of the Economic pyramid (BoEP) section involved in the waste management sector. It plans to curate more projects and initiatives in line to making a major positive impact in the lives of the individuals of the sector, emphasizing on the waste picker community. It looks forward to reach out to more and more waste pickers across the country in different cities and ensure including them in initiatives and projects of the foundation.

Steering behavioral change is one of the core focuses of NEPRA Foundation. It plans to reach out to all the masses across different segments of the society including schools, universities, residences, corporates etc. emphasizing on young individuals who can be empowered to be changemakers for a sustainable future. The foundation also plans to curate initiatives with a special focus on Climate Change.

The plan for the way ahead is to cover regions left untouched within the country and to maximize the number of citizens and people reached and positively impacted.

NEPRA Foundation strives to achieve its motto of 'Care for People and Planet' and make a positive socio-economic and environmental impact.



NEPRA FOUNDATION