



## GreenBrigade Private Limited



# Circular Impact Report 2023

Reporting on our progress, actions and transformations during the financial year 2023-2024



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# Circular Impact Report 2023-24

## About us

Greenbrigade Pvt. Ltd., Jalandhar, established on July 1, 2022, under the Company's Act 2013, is a certified DPIIT startup since 2022.

We at Greenbrigade are addressing waste management, energy, and sustainability issues by offering a complete integrated solution that helps organizations achieve their Net Zero Carbon Emission and Sustainability Goals by managing their daily operations effectively.



# Who we are

We prevent mixed solid waste from getting burnt, buried, or dumped in landfills or sewerage lines.

Every day, we live the insane dream of saving the planet from increasing waste at scale. We are an innovation driven organization providing a net zero based decentralized mixed solid waste management ecosystem.

We provide products and services to segregate the mixed solid waste and generating value out of waste which provide dignified and safe hygiene to waste workers working with us.

## Our Vision

To generate value out of the mixed garbage by providing circular economy based innovative solutions for waste segregation and recycling.

## Our Mission

Apply Technology to Waste to Transform it into Valuable Insights & provide community-focused reliable and cost efficient Machinery/equipment's.

### To achieve our mission, we focus on

- Awareness on mixed solid waste disposal solutions.
- Dignified and safe disposal of mixed solid waste at source through our technology
- Recycling of separated biodegradable and non-biodegradable waste into compost, biogas and RDF Pallets and oil respectively through our smoke and odour free technology.

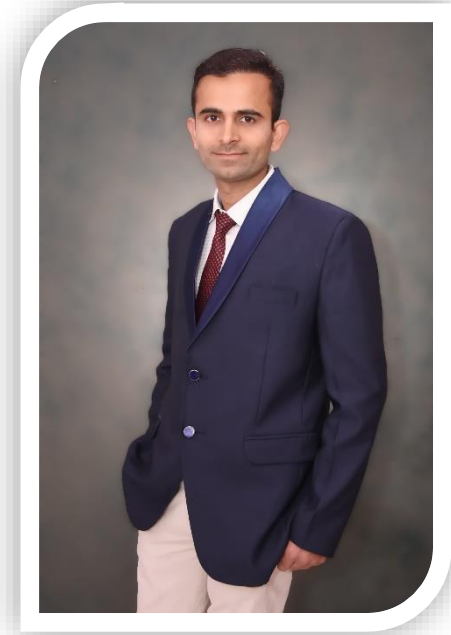
# Message from the Founder

Greenbrigade was born with the singular intent of helping the country - and the world - achieve ZERO WASTE.

***My definition of WASTE: Wise Approach to Sustainability through Technological Excellence.***

After close to 2 years of Research and Development, I am proud to have created the most cutting-edge MSW segregation technology in the ASIAN region. Our technology has shown wonderful impact in recovering value out of the mixed garbage.

Our goal is to minimize Human Effort and Time in the cumbersome task of mixed solid waste segregation and providing safe hygiene to at least 200 waste-pickers so that they don't anymore have to touch waste with their bare hands



**Dr. Girish Sapra**

Founder & CEO,  
Greenbrigade Private Limited,  
Jalandhar

# Meaningful Partnerships- Municipal Council Dasuya, Dist. Hoshiarpur, Punjab

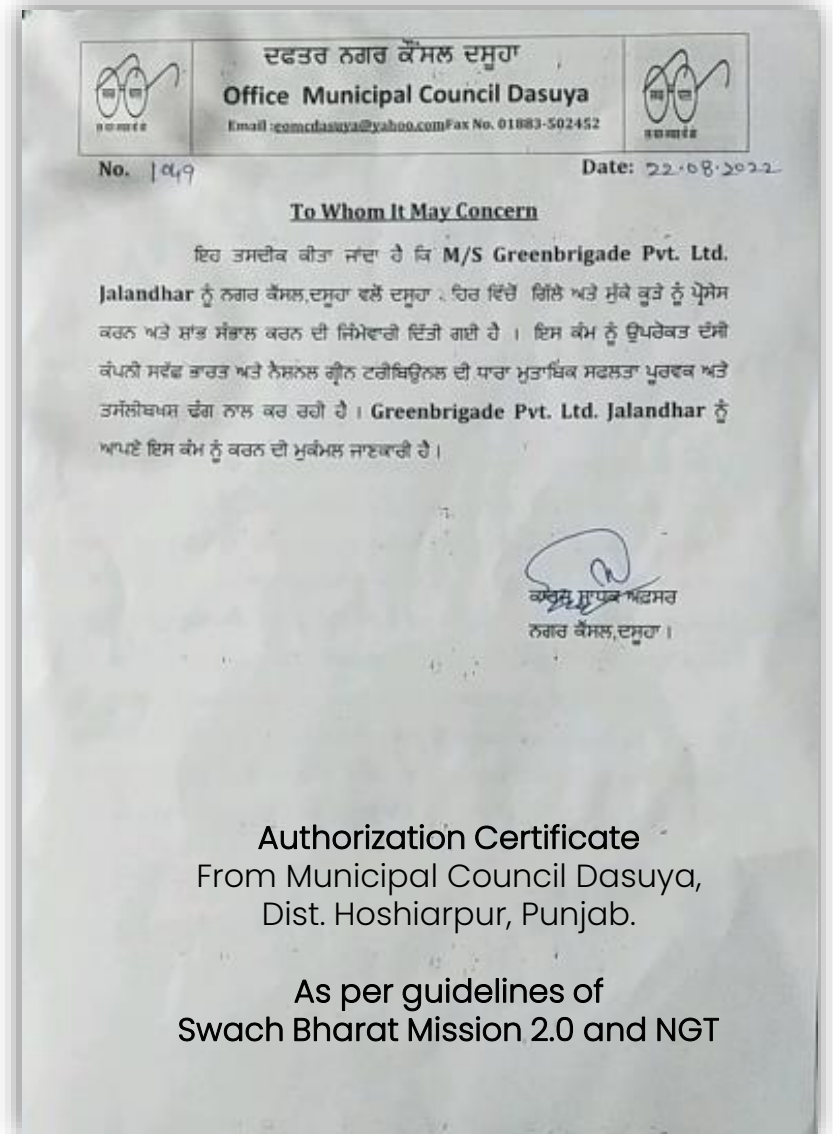
The project aimed to achieve an integrated waste management system for the entire city of Dasuya, including over 2000 households and bulk waste generators.

The project was carried out with two primary goals:

- Outcome, not Awareness, and
- Empowerment through Action

This project is an excellent example of how effective collaboration between the public and private sectors can lead to a sustainable waste management system.

This project is a role model for other towns and cities looking to achieve sustainable waste management.



# Highlights of our Dasuya Project

To achieve the goals of zero landfill and reducing carbon footprint in garbage/waste streams, circular economy based innovative R&D based waste disposal was followed.

First of all pre-segregation of the garbage collected from the households/restaurants/schools and colleges was done by the rag pickers on the spot.

Then after reaching the collection center, it went through the final segregation to remove any unidentified waste during this stage. After this the organic waste was cut into smaller pieces by the shredder machine and was mixed with the bio cultures and odorless cultures developed by me to convert it into organic manure.

Then, it was further converted into manure based on our R&D and it was used in the fields based upon the requirements of soil as per the nature of soil.

We are successfully running this from last 2 years without taking even a single penny from the Municipal Council Dasuya and Govt.



**Compost Selling drive with DAV College, Dasuya**

# Elevating Impact

We are a 21st century company that puts purpose above all things.

This year, as we celebrate 2 years of environmental and social impact we also bring attention to our efforts to remain a robust enterprise.

## Environmental Impact

Our Project was awarded by president of India under SBM 2.0 (Swachh Bharat Mission) for being in the Top 3 cities in citizen feedback in Punjab.

## Social Impact

- 18,060 Man-days employment till date
- 22 waste pickers and 2 supervisors and 1 project manager.

## Governance

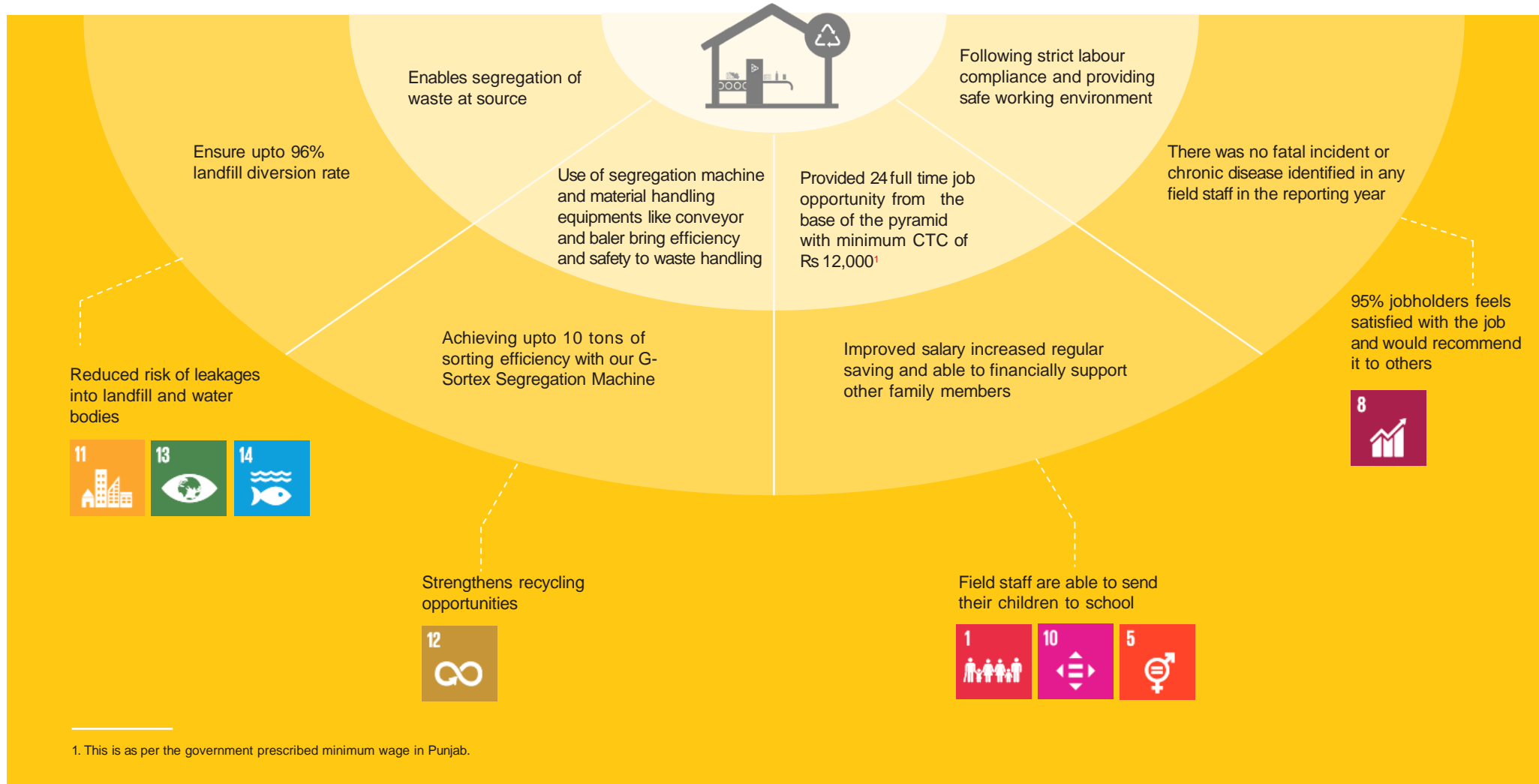
- Contributing in Indian Govt. Waste to Wealth Mission
- Dignified Employment with proper Id Cards and Dresses and safety Equipment's



**Greenbrigade Zero Waste's staff with Officers of Municipal council Dasuya, Dist. Hoshiarpur., Punjab  
At Material Recovery Facility (MRF)**

# Understanding the Ripple Effects

Our decentralized Municipal Solid Waste system which integrate nature, people and technology are able to demonstrate great depth when it comes to impact both on the environment and social front.





# Our Innovative Solution



## INPUT

Households, shops, streets  
and other MSW waste



## OUTPUT 1

Wet waste

## OUTPUT 2

Dry and Inert Waste

## G-SORTEX - Municipal Solid Waste Segregation Machine

Compact, Cost efficient and Carbon efficient, segregation solution for remote areas.

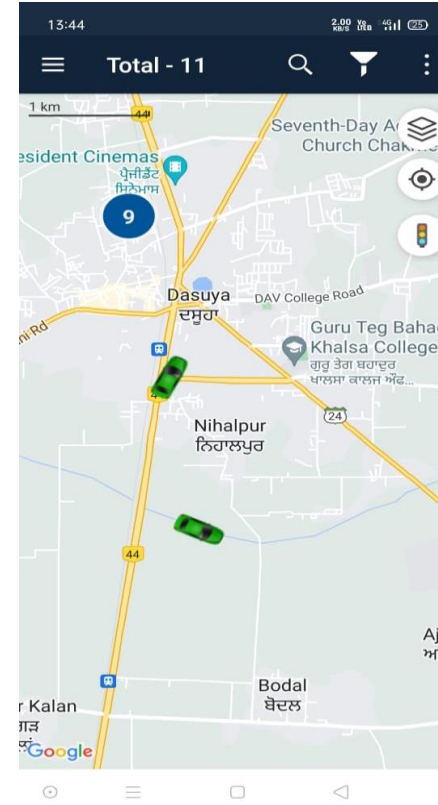
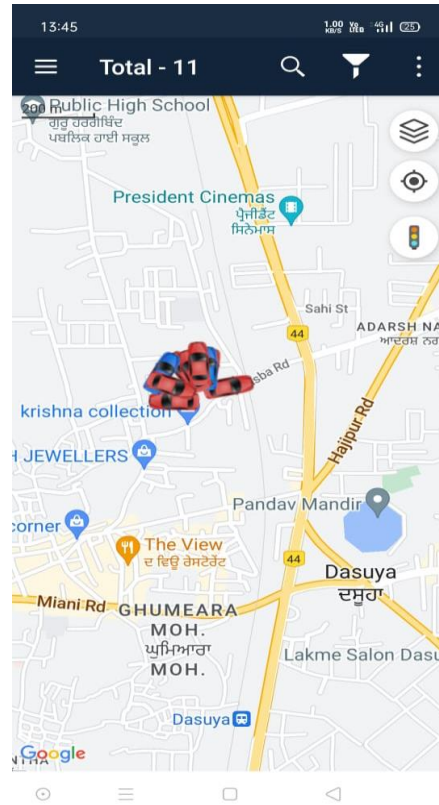
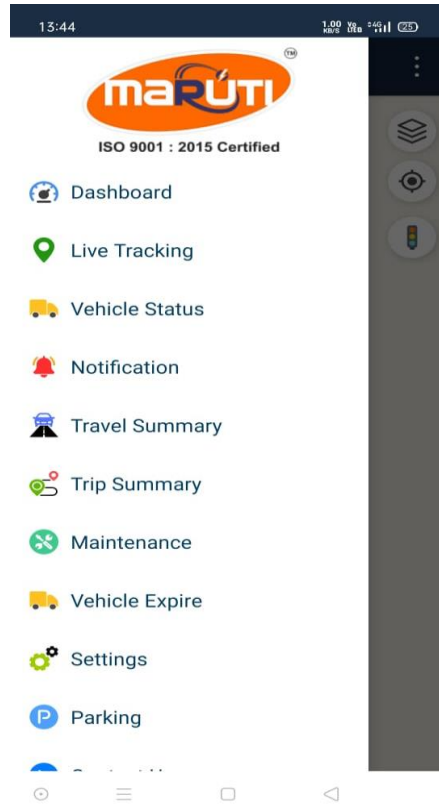
Segregates fresh mixed waste from black spots into wet and dry waste automatically.

The separated material is suitable for manual re-sorting and reduces labour intensity. The wet waste can be composted or made into biogas while dry waste can be recycled.

## No More Dumping . No More Diseases

Converting waste into Fuel, Feed, and Fertilizer - Commodities that have the potential to sell.

# Live tracking of waste collection Routes



13:46

Trip Summary

11-04-2024 00:00    11-04-2024 13:45    Apply

Enter vehicle number

Vehicle ID	Status	Running	Overspeed	Alerts	Total Trip
AF2 SARVEEN	No Driver Found	02:30	0	26	
	Running	20.48	8	49	12
		Distance	Avg. Speed	Max.Speed	TotalTrip
PB07CC3585	No Driver Found	02:26	0	57	
	Running	12.90	5	47	19
		Distance	Avg. Speed	Max.Speed	TotalTrip
PB07es9184	No Driver Found	00:00	0	0	
	Running	0.00	0	0	0
		Distance	Avg. Speed	Max.Speed	TotalTrip
PB07BU5594	No Driver Found	02:52	0	48	
	Running	25.84	9	42	19
		Distance	Avg. Speed	Max.Speed	TotalTrip

# Highlights of our Dasuya Project:

Bails were made from leftover polyethene's after the segregation of waste. They were made with the help of hydraulic bailing machine and sent to cement plants and thermal plants for use as RDF.



Polythene bails ready for sales at MRF Shed at Dasuya.

ਲੋਕਭਾਉਨ/ਕਰਫਿਊ ਤੋਂ  
**ਫੂਟ**  
ਸਰਕਾਰਾਂ ਨੇ ਦਿੱਤੀ,  
ਕੋਰੋਨਾ ਨੇ ਨਹੀਂ

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Posted on:- 25 March 2024

Online Edition

ਪੋਸਟ ਕਰਨ ਦੀ ਮਿਤੀ:- 25 ਮਾਰਚ 2024

Dasuya (Hoshiarpur)

RNI Regd. No:- PUNMUL/2010/71474

Editor: Sanjeev Mohan Dawar

**ਖਬਰਾਂ ਤੇ ਇਸ਼ਤਿਹਾਰਾਂ ਲਈ ਸੰਪਰਕ ਕਰੋ:- 9814973030, 9815073030**

ਮਿਊਂਸਪਲ ਕੌਂਸਲ ਵੱਲੋਂ ਪਲਾਸਟਿਕ ਤੇ ਲਿਫ਼ਾਫ਼ਿਆਂ ਤੋਂ ਤਿਆਰ ਕੀਤੀਆਂ 18 ਕੁਇੰਟਲ ਪਲਾਸਟਿਕ ਬੇਲਾਂ ਦੀ ਵਿੱਕਰੀ



ਤਿਆਰ ਕੀਤੀਆਂ 18 ਕੁਇੰਟਲ ਪਲਾਸਟਿਕ ਬੇਲਾਂ ਦੀ ਵਿੱਕਰੀ ਬੀਤੇ ਦਿਨੀਂ ਕੀਤੀ ਗਈ। ਇਸ ਸਬੰਧੀ ਜਾਣਕਾਰੀ ਵਿੱਚੋਂ ਹੁੰਦੇ ਕਾਰਜ ਸਾਧਕ ਅਫ਼ਸਰ ਡਾ.ਲਲਿੰਦਰ ਸਿੰਘ ਨੇ ਦੱਸਿਆ ਕਿ ਕੇਂਦਰੀ ਮਿਊਂਸਪਲ ਕੌਂਸਲ ਦੁਆਰਾ ਵਿਖੇ ਸਥਾਪਿਤ ਕੀਤੀਆਂ 18 ਕੁਇੰਟਲ ਪਲਾਸਟਿਕ ਬੇਲਾਂ ਦੀ ਵਿੱਕਰੀ ਕੀਤੀ ਗਈ। ਇਸ ਤਹਿਤ ਉਕਤ ਪਲਾਸਟਿਕ ਬੇਲਾਂ ਦੀ ਵਿੱਕਰੀ ਕੀਤੀ ਗਈ। ਉਨ੍ਹਾਂ ਦੱਸਿਆ ਕਿ ਇਸ ਵਿੱਚ ਕਮ ਦਸੁਹਾ, ਮਾਰਚ (ਨਵਵੀਂ ਗੱਲ) ਦਫ਼ਤਰ ਵਿਖੇ ਸੱਚੀ ਗੱਲ ਅਖ਼ਬਾਰ-ਮਿਊਂਸਪਲ ਕੌਂਸਲ ਦੁਆਰਾ ਵਿਖੇ ਸਥਾਪਿਤ ਕੀਤੀਆਂ 18 ਕੁਇੰਟਲ ਪਲਾਸਟਿਕ ਬੇਲਾਂ ਦੀ ਵਿੱਕਰੀ ਕੀਤੀ ਗਈ। ਇਸ ਤਹਿਤ ਉਕਤ ਪਲਾਸਟਿਕ ਬੇਲਾਂ ਦੀ ਵਿੱਕਰੀ ਕੀਤੀ ਗਈ। ਉਨ੍ਹਾਂ ਦੱਸਿਆ ਕਿ ਇਸ ਵਿੱਚ ਕਮ ਦਸੁਹਾ, ਮਾਰਚ (ਨਵਵੀਂ ਗੱਲ) ਦਫ਼ਤਰ ਵਿਖੇ ਸੱਚੀ ਗੱਲ ਅਖ਼ਬਾਰ-ਮਿਊਂਸਪਲ ਕੌਂਸਲ ਦੁਆਰਾ ਵਿਖੇ ਸਥਾਪਿਤ ਕੀਤੀਆਂ 18 ਕੁਇੰਟਲ ਪਲਾਸਟਿਕ ਬੇਲਾਂ ਦੀ ਵਿੱਕਰੀ ਕੀਤੀ ਗਈ।

**ਹੋਰ ਵੀ ਤਾਜ਼ੀਆ ਖ਼ਬਰਾਂ ਦੇਖਣ ਲਈ ਸਾਡਾ ਫੇਸਬੁੱਕ ਪੇਜ ਦੇਖੋ**

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- ← ਜ਼ਮੀਨ ਖਰੀਦਣੀ/ਵੇਚਣੀ ਚਾਹੁੰਦੇ ਹੋ ?
- ← ਵਪਾਰ ਵਾਯਾਉਣਾ ਚਾਹੁੰਦੇ ਹੋ ?
- ← ਕਾਰ/ਮੋਟਰਸਾਈਕਲ ਖਰੀਦਣਾ/ਵੇਚਣਾ ਚਾਹੁੰਦੇ ਹੋ ?
- ← ਮਕਾਨ ਕਿਰਾਏ 'ਤੇ ਲੈਣਾ/ਦਿੱਤਾ ਚਾਹੁੰਦੇ ਹੋ ?
- ← ਕੰਮ ਕਰਨ ਲਈ ਸਟਾਫ਼ ਚਾਹੁੰਦੇ ਹੋ ?

**ਤਾਂ ਇਠੋ ਸੱਚੀ ਗੱਲ 'ਚ ਇਸ਼ਤਿਹਾਰ**

“ਸੱਚੀ ਗੱਲ” ਅਖ਼ਬਾਰ 'ਚ ਇਸ਼ਤਿਹਾਰ ਲਗਵਾਉਣ ਲਈ ਸੰਪਰਕ ਕਰੋ:-

**9815073030**

ਇਸ ਤਰ੍ਹਾਂ ਦਾ ਜਾਂ ਆਪਣੇ ਵਪਾਰ ਸੰਬੰਧੀ ਇਸ਼ਤਿਹਾਰ ਦੇਣ ਲਈ 9815073030 'ਤੇ ਸੰਪਰਕ ਕਰੋ।

# Highlights of our Dasuya Project:

## Environmental Impact through Green & Clean City

Our Project was awarded by president of India under SBM 2.0 (Swachh Bharat Mission) for being in the Top 3 cities in citizen feedback in Punjab.

### ਦਸੂਹਾ ਨੂੰ 'ਸਵੱਛ ਸਿਟੀ ਐਵਾਰਡ' ਮਿਲਿਆ

ਸਵੱਛਤਾ ਦਰਜਾਬੰਦੀ ਵਿੱਚ ਦਸੂਹਾ ਨੂੰ ਸੂਬੇ ਦੇ ਸਿਖਰਲੇ 10 ਸ਼ਹਿਰਾਂ ਵਿੱਚ ਮਿਲੀ ਥਾਂ

#### ਭਗਵਾਨ ਦਾਸ ਸੰਦਲ

ਦਸੂਹਾ, 2 ਅਕਤੂਬਰ

ਕੇਂਦਰ ਸਰਕਾਰ ਵੱਲੋਂ ਸਵੱਛ ਸਰਵੇਖਣ-2022 ਦੇ ਐਲਾਨੇ ਨਤੀਜਿਆਂ ਵਿੱਚ ਦਸੂਹਾ ਸ਼ਹਿਰ ਸਫ਼ਾਈ ਪੱਖੋਂ ਸੂਬੇ ਦੇ ਸਿਖਰਲੇ 10 ਸ਼ਹਿਰਾਂ ਵਿੱਚ ਸ਼ਾਮਲ ਹੋ ਗਿਆ। ਦਿੱਲੀ ਦੇ ਟਾਲਕਟੋਰਾ ਸਟੇਡੀਅਮ ਵਿਖੇ ਕਰਵਾਏ ਗਈ ਪੱਧਰੀ ਸਮਾਰੋਹ ਵਿੱਚ ਇਨ੍ਹਾਂ ਨਤੀਜਿਆਂ ਦਾ ਐਲਾਨ ਕੀਤਾ ਗਿਆ। ਇਸ ਵਿੱਚ ਦਸੂਹਾ ਨੂੰ ਮੋਹਰੀ ਰੈਂਕ ਨਾਲ ਸੂਬੇ ਦੇ ਪਹਿਲੇ 10 ਸਵੱਛ ਸ਼ਹਿਰਾਂ ਵਿੱਚ ਸ਼ਾਮਲ ਕੀਤਾ ਗਿਆ ਹੈ। ਇਸ ਪ੍ਰਾਪਤੀ ਲਈ ਦਿੱਲੀ ਵਿੱਚ ਕਰਵਾਏ ਸਨਮਾਨ ਸਮਾਰੋਹ ਵਿੱਚ



ਮਦਨ ਸਿੰਘ ਤੇ ਸ਼ਲਿੰਦਰ ਸਿੰਘ ਨਵੀਂ ਦਿੱਲੀ ਵਿੱਚ 'ਸਵੱਛ ਸਿਟੀ ਐਵਾਰਡ' ਪ੍ਰਾਪਤ ਕਰਦੇ ਹੋਏ। ਨਗਰ ਕੌਂਸਲ ਦਸੂਹਾ ਦੇ ਈ ਓ ਮਦਨ ਸਿੰਘ ਤੇ ਸੈਨੇਟਰੀ ਇੰਸਪੈਕਟਰ ਸ਼ਲਿੰਦਰ ਸਿੰਘ ਨੂੰ ਸਵੱਛ ਸਿਟੀ ਐਵਾਰਡ ਪ੍ਰਦਾਨ ਕੀਤਾ ਗਿਆ। ਈ ਓ ਮਦਨ ਸਿੰਘ ਨੇ ਦੱਸਿਆ ਕਿ ਕੇਂਦਰ ਸਰਕਾਰ ਦੇ ਸਵੱਛਤਾ ਮੰਤਰਾਲੇ ਵੱਲੋਂ ਸ਼ਹਿਰ ਦੀ ਚੁਫੇਰਿਓ ਸਵੱਛਤਾ ਗੁਣਾਤਮਕ ਆਧਾਰ 'ਤੇ ਦਰਜਾਬੰਦੀ ਕਰਨ ਲਈ ਸਵੱਛ ਸਰਵੇਖਣ

ਕਰਵਾਇਆ ਗਿਆ ਸੀ। ਇਸ ਤਹਿਤ ਨਗਰ ਕੌਂਸਲ ਦਸੂਹਾ ਨੇ ਵਿਧਾਇਕ ਐਡਵੋਕੇਟ ਕਰਮਬੀਰ ਸਿੰਘ ਘੁਮਣ ਦੀ ਅਗਵਾਈ ਕਬੂਲ ਕਰਕੇ ਲੋਕਾਂ ਦੇ ਸਹਿਯੋਗ ਨਾਲ ਸਫ਼ਾਈ ਪ੍ਰਤੀ ਆਪਣੀ ਜ਼ਿੰਮੇਦਾਰੀ ਬਾਪੂਬੀ ਨਿਭਾਈ। ਵਿਧਾਇਕ ਕਰਮਬੀਰ ਘੁਮਣ ਨੇ ਇਸ ਉਪਲੱਬਧੀ ਲਈ ਸ਼ਹਿਰ ਵਾਸੀਆਂ ਨੂੰ ਵਧਾਈ ਦਿੱਤੀ।

शुभ संकेत  
शुभ संकेत एवं शुभ संकेत  
ROOPA MISRA  
Joint Secretary & Mission Director  
Swachh Bharat Mission - Urban

शुभ संकेत  
शुभ संकेत एवं शुभ संकेत  
GOVERNMENT OF INDIA  
MINISTRY OF HOUSING AND URBAN AFFAIRS  
NEW DELHI 110011

O.O No. 14/10/2022-5884/01  
Date: 29<sup>th</sup> September 2022

Dear Sir,

In order to commemorate the first anniversary of launch of SBM Urban 2.0, and as part of a fortnight long celebration of Swachh Anni Mahotsav, MoHUA is organising a series of workshops and events between 29<sup>th</sup> Sept to 1<sup>st</sup> Oct 2022.

On 29<sup>th</sup> - 30<sup>th</sup> Sept 2022, a capacity building initiative is being organised in Takshashila Stadium, New Delhi. The 2-day initiative titled 'Swachh Shehar - Samvaad and Tech Exhibition' will comprise of high quality technical and administrative discussions specially curated around topics related to management of municipal solid waste and liquid waste, to enable States and cities to deliberate on their strategies, best practices and challenges in their journey towards Garbage Free status. In addition, the Tech exhibition showcasing best-in-class models in waste management from across the country will also be a part of the event. In order that cities may make the best possible use of this opportunity, you are requested to kindly ensure that 20-25 most promising/challenging cities are handpicked to be represented by their commissioner/ CEOs to attend this event. Other important points related to participation are given in Annex 1(a) and tentative agenda given at Annex 1(b).

This 2-day event would be followed by the grand finale on 1<sup>st</sup> Oct 2022, where the results of Azadi@75 Swachh Survekshan 2022 will be formally declared. This is to inform you that Hon'ble Shri. Shri. Dr. Jitendra Kumar, Hon'ble President of India has kindly consented to grace the occasion. In this respect, you may refer to the letter of even reference dated 22<sup>nd</sup> Sept, 2022 from Secretary, MoHUA, addressed to all Chief Secretaries/ Administrators inviting them for the programme. A separate invitation from Hon'ble Union Cabinet Minister to the State Urban Development Minister is also being communicated. I am happy to share that 3008 cities across 28 States have been selected as winners to be hosted at Delhi. The award ceremonies on 1<sup>st</sup> Oct 2022 (list of awardees in Annex 2A). It is requested that appropriate delegation from each of the awardee cities may be asked to attend the ceremony.

MoHUA Address: 10/10/11, 1st Floor, Connaught Place, New Delhi-110028  
Tel: 011-2301556, 2301555 • Email: moahua27@nic.in • Website: www.mohua.gov.in

Annex 2a: Details of awardees

Sl No.	Award for
1	Bareilly
2	Bhuj
3	Dasuya
4	Fazilka
5	Ghagga
6	Gobindgarh
7	Jalandhar Cantonment Board
8	Kurukshetra
9	Moradabad
10	Nangal
11	Nawanagarh



Azadi@75 Swachh Survekshan 2022

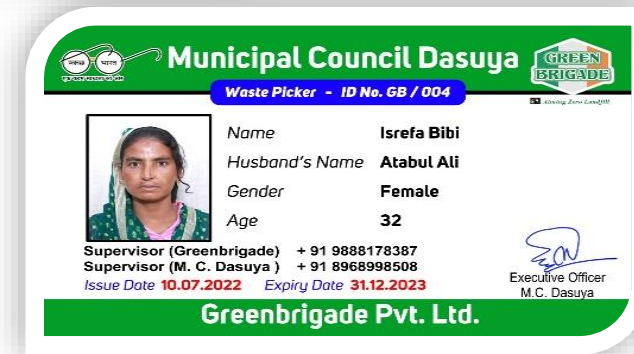
# Highlights of our Dasuya Project:



## Social Impact through Employment Generation

11,160 Man-days employment till date  
15 waste pickers and 2 supervisors and 1 project manager.

## Governance (Contributing in Indian Govt. Waste to Wealth Mission)



Dignified Employment with proper Id Cards and Dresses and safety Equipment's.

# Our Waste pickers Team



## Before GreenBrigade



## After GreenBrigade



Reduction in GHG Emissions by:

**68%** Compared to  
Burning of  
waste

**58%** Compared to  
Landfilling

# Impact highlights



**24**  
employees;  
15% YoY  
increase

**66%**  
hiring from  
local  
communities



**24%**  
female  
participation  
in workforce

**38%**  
women board  
members

**4**  
women enrolled  
from informal  
sector to social  
inclusion  
program



**100%**  
health and  
safety  
certifications

**100%**  
compliant to  
human & labor  
laws

**140**  
training hours  
provided to  
field staff



**1:8**  
Median to  
highest salary  
ratio

**35**  
direct &  
indirect  
livelihood  
generated

**22**  
workers from  
informal sector  
transitioned to  
formal waste  
sector



**64%**  
landfill  
diversion  
rate

**85%**  
of waste  
segregated  
at source

**36%**  
YoY increase in  
amount of  
waste  
processed



**68%**  
of dry waste  
recycled

**80%**  
of wet waste  
composed



**94,817**  
MT of CO2e  
emissions  
offset

**100%**  
committed to  
Zero waste  
to landfills



**156**  
tons of ocean  
bound plastic  
diverted



**21%**  
YoY increase in  
sourcing from  
MSMEs

**8.9**  
customer  
satisfaction  
rating



# Approach/Methodology

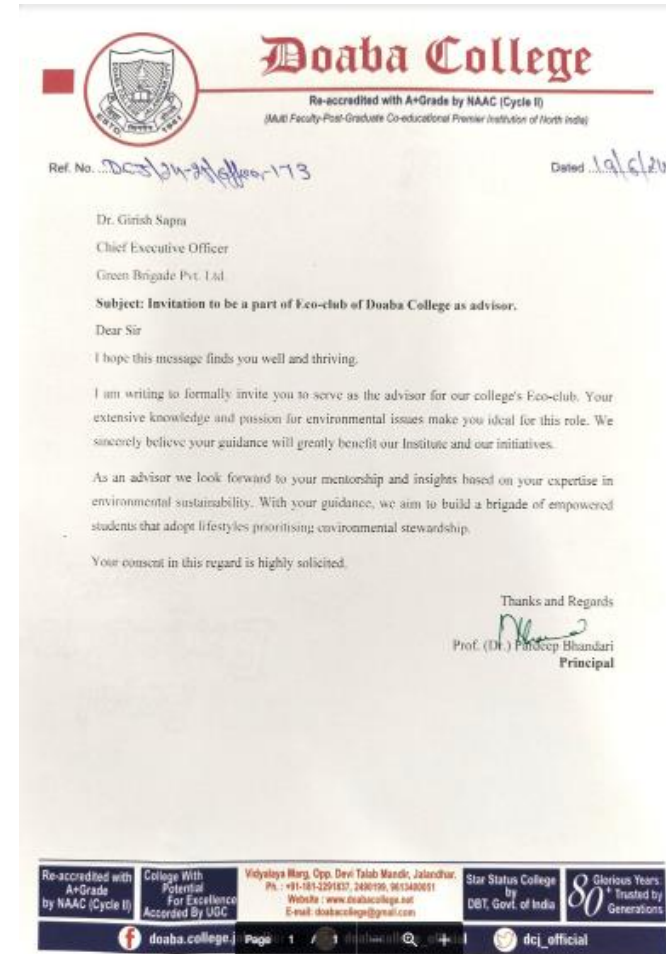
	Community Lead Initiatives		
IEC Campaigns	Collection & Monitoring	Recycling	Upcycling
<ol style="list-style-type: none"> <li>1. Partnerships and Collaborations</li> <li>2. Creating Awareness</li> <li>3. Community Education and trainings to SC Communities and waste pickers</li> <li>4. Capacity Building</li> </ol>	<ol style="list-style-type: none"> <li>1. Plastic, paper and E-waste collection drives in Schools &amp; Colleges.</li> <li>2. Clothes collection drives in selected villages.</li> <li>3. Increase accessibility and affordability in Collection &amp; Transportation</li> <li>4. Improved segregated collection practices</li> <li>5. Job creation</li> </ol>	<ol style="list-style-type: none"> <li>1. Plastics waste recycling at Greenbrigade</li> <li>2. E-waste Collection and Processing with channel Partners.</li> <li>3. Generation of Bio Compost, Biohygic liquid and G-Nets with selected colleges.</li> </ol>	<ol style="list-style-type: none"> <li>1. Upcycling of Old Clothes.</li> <li>2. Flower waste body wash and soap making.</li> <li>3. Upcycling of Furniture Waste.</li> </ol>

# Training Session: Empowering Waste Pickers of Municipal Corporation Jalandhar, Punjab.



Venue: Kanya Maha Vidyalaya (KMV) College, Jalandhar City, Punjab

# Recently Conducted Programs In Waste to Value



Green Fusion program with Doaba College, Jalandhar City, Punjab

# Recently Conducted Programs In Waste to Value



**Hope of Energy program with Panasonic and Skill Council For Green Jobs**

A promotional poster for a webinar. At the top, it features logos for Quality Council of India, TCB Training and Capacity Building, and EQUEST. The main title is 'Webinar on Carbon Footprint of Municipal Solid Waste'. Below the title, it specifies the dates: 'Dates: 17th March 2023 (Friday)' and 'Time: 2.30 pm to 4.30 pm'. A background image shows a large pile of garbage being dumped from a truck. The poster lists 'WHAT WILL YOU LEARN:' with four bullet points: 'Contributors for Carbon footprint', 'Tools and Strategies to calculate &amp; reduce carbon footprint', 'Embracing Circular economy approach for net zero', and 'Modern waste management technologies'. It also lists 'TARGET AUDIENCE:' including 'Industry/Environment Professionals', 'Entrepreneurs/ Start-ups', 'Waste Management Facility Managers', 'Government Officials/Corporates', 'Hotels and Restaurant Managers', and 'Research Students'. A note states 'CERTIFICATE OF PARTICIPATION WILL BE PROVIDED.' and a QR code is provided for registration. The registration fee is 'RS 425+GST'. A link is provided: 'https://equest.co.in/eQuest-TCB-Webinar-on-Carbon-Footprint-of-Municipal-Solid-Waste'. Contact information at the bottom reads 'For Queries Contact at: tcb@qcinq.in | +91-9773500376'.



**Webinar on Carbon Footprint of MSW With Quality Council of India.**

# Recently Conducted Programs In Waste to Value

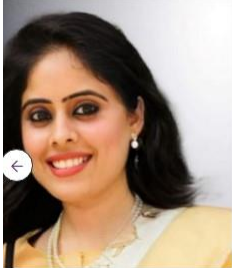
RSVP now closed. On spot registrations available on 18th of January (limited seat capacity)

YOUTH ECO SUMMIT


ABOUT SPEAKERS OUR MOTTO EVENT SCHEDULE PARTNERS CONTACT REGISTRATIONS CLOSED

## GUEST SPEAKERS


Gain insights from the thought leaders and brightest minds at the forefront of addressing the e-waste challenges we face today.




ENVIRONMENT & SUSTAINABILITY SPECIALIST  
Dr. Harvika Kaur



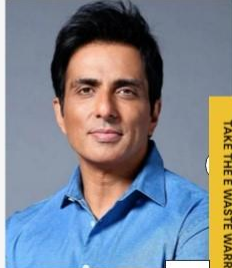
STARTUP MENTOR  
Dr. Girish Sapra



DIRECTOR, UNITED NATIONS INFORMATION CENTRE  
Devraj Eswaran



DIRECTOR, TERI  
Dr. Suneel Pandey



HUMANITARIAN  
Sonu Sood

TAKE THE E-WASTE WARRIOR PLEDGE



**Bajaj Foundation's Youth-Centric Eco Summit 2024 Puts Students in the Forefront as e-Waste Eco-Warriors**

## CORE TEAM MEMBERS



Dr. Girish Sapra

Managing Director & Chief Executive Officer

Experience (3+ years of on ground experience)

- Waste Management & Sustainability Expert  
(3+ years Experience)
- Sustainability Expert & Advisor,  
(Quality Council of India, New Delhi)
- Industry Expert (Waste Management),  
Skill council for Green Jobs (SCGJ)
- Net Zero Technical Expert  
(Global Sustainable Future Network (GSFN))

Education

Ph.D. (NIT, Jalandhar), M.Tech (NITTTR, Chandigarh)

Responsibilities

- Research, Design and Fabrication of Machines and overall process with technical feasibility analysis.
- Product development with innovative features



Dr. Sugita Sapra

Managing Director & Chief Strategic Officer

Experience

joint Secretary, Women welfare society, Harbans Nagar.

Education

Diploma in Physiotherapy, B.A.M.S,

Responsibilities

- Strategy building for social impact.
- Employment Generation & Capacity Building of Waste pickers.



Vinay Kumar

Executive Director & Chief Operational Officer

Education

M.B.A. (Auckland Institute of Studies), New Zealand.

Responsibilities

- Business Development & Project Management
- Daily Operations planning and overall project management.
- Liasoning with the customers and municipalities.

## OUR TEAM MEMBERS

### Core Team



Dr. Girish Sapra  
Chief Executive Officer



Vinay Kumar  
Chief Operational Officer



Dr. Sugita Sapra  
Chief Strategic Officer



Dr. Sunil Sharma  
Chief Technical Officer

### Govt. Advisors



Dr. Dapinder Bakhshi  
Advisor, PSCST



Prabjot Sodhi  
Advisor, CEE



Sangeeta Patra  
Advisor, SCGJ



Dr. Harveen Kaur  
Advisor, QCI

### Industrial Advisors



Sandeep Patel  
Advisor, NEPRA



Dr. Chetan S. Solanki  
Advisor, Energy Swaraj



Wilma Rodrigues  
Advisor, Sahaas



Dr. Gyanendra Director,  
Sustainova

### Academic Advisors



Dr. T. Srinivas  
Professor, NITJ



Dr. Subash Chander  
Advisor, NITJ

# Awards and Recognitions



#startupindia

Awarded with 10 lakhs of grant under startup India seed fund scheme (SISFS) by Startup India.



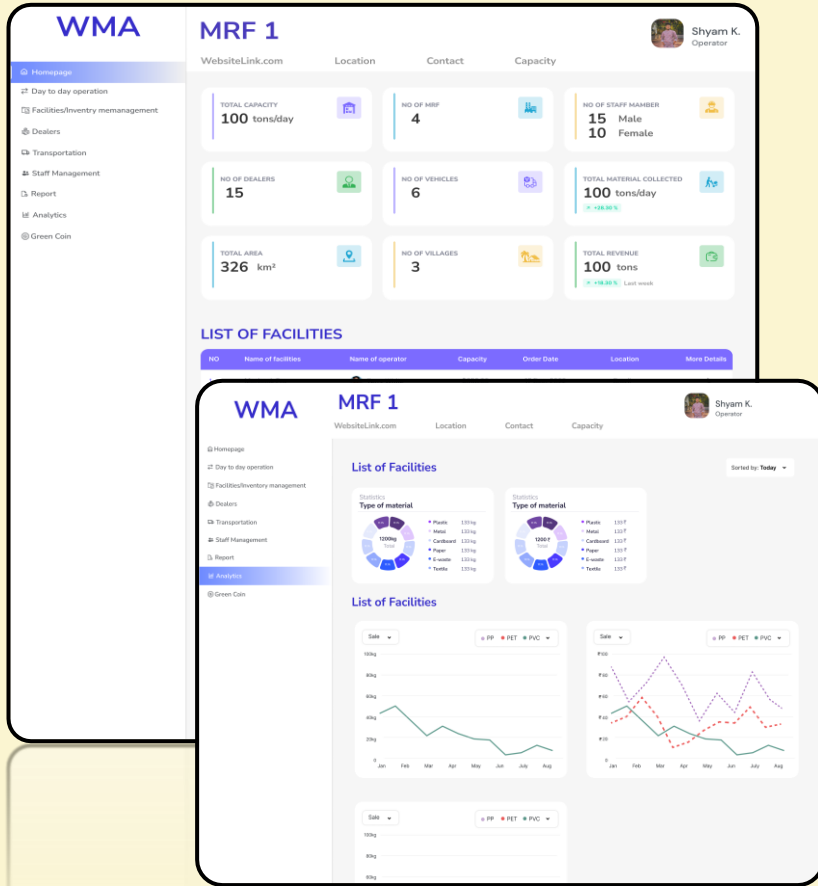
Awarded with 2.5 lakhs of accelerated support under Rural Milau Accelerator (RMA) program of Punjab State Council Of Science and Technology (PSCST), Chandigarh



Awarded 3 Lakhs of grant by Startup Punjab, Chandigarh



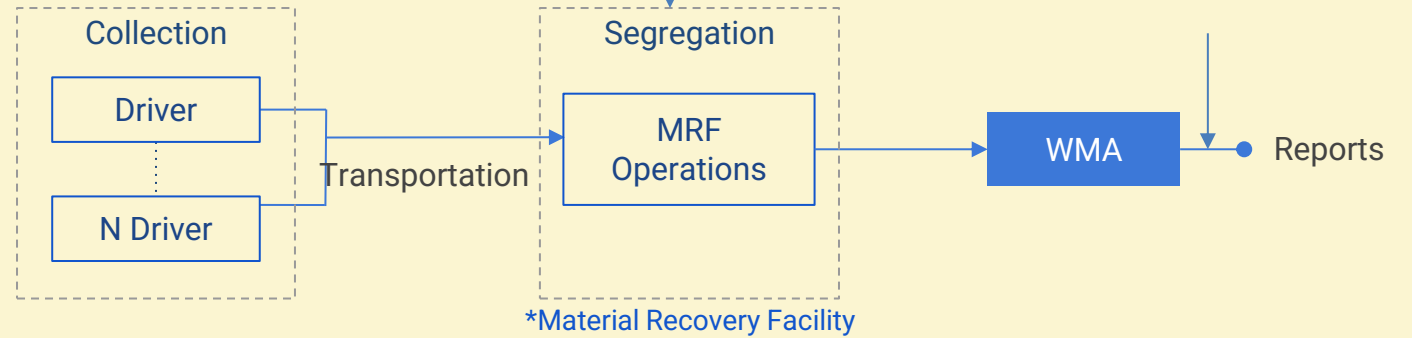
# Digitization area of GREENBRIGADE



Fees collection & service

Plant Management

Reporting & insights



Dashboard System for Centralized Monitoring



# Contact Us

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Let's join hands to create a Sustainable  
Future.



## Phone Number

9464016331, 7009145428

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## Email

[greenbrigadeindia@gmail.com](mailto:greenbrigadeindia@gmail.com)

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## Website

[www.greenbrigades.com](http://www.greenbrigades.com)