

Presentation by



Group Credentials

- Clean India Ventures is a part of MAPPS Group which has interests in Media, News and Religious Channels, Real Estate, Aviation & Defense Supplies.
- Graphisads is one of the leading Advertising Agency and OOH Media Owner in Delhi/NCR.



Milestones

- Patent Protection (Applied for PCT)
- Recognized Startup under **Startup India**
- Sankalp Award for Innovative solution In 2014
- We are present on MoUD Website- <http://goo.gl/EKsv6F>
- We are present on SBM Website- <http://mdws.gov.in> innovation corner.
- Awarded by ASSOCHAM for Best Innovation under Swachh Bharat.

GWRTM
Green Waste Reprocessor

Why do we need to act today?

- **690 Lakh tones of waste generated on yearly basis In India.**
- **70 % of it goes to landfills.**
- **Landfills are the biggest source of poisonous gases, all habitation nearby is suffering.**
- **Cost of landfills per ton is 4500 and counting.**
- **Organic waste is main source of methane, 20 times more dangerous than CO₂.**

Current Systems for Disposing Waste



Landfill Sites



Burning

Green Waste Reprocessor- Innovative Solution



Operation: 8 hours /day

**Installation Space per
installation:
20' * 25'**

**Employment:
Operator: 1 to 2 per installation
Helper: 2 to 4 per installation**

**Service:
Lubrication: Weekly
Maintenance: Quarterly**

**Manufacturing Different Capacities from
500 kg per day to 4 ton per day**

How it helps?

Early Treatment of Organic Rejects

- Process based Collection
- At source Segregation

Localized Processing

- Process waste locally before it becomes Garbage

Supply chain

- Strong supply chain for commercial products as output of GWR



(1) INPUT
(organic rejects)



(2) PROCESSING
(methodically & internal)



(3) OUTPUT
(hard compressed solid of 35x6mm & liquid)



Decentralised Solution

What all we do in a project ?

- Installation
 - Operation
 - Maintenance
 - By-Product Management
 - Need Based Customization
-End to End solution with suitable plans

Our End Product from Green Waste



Fuel Sticks



Organic Manure

Why GWR ?

- Decentralized;
 1. No Logistics, No Transportation
 2. Deployed at Source
 3. No Landfill Site Required
 4. Extremely User Friendly
 5. No Dependencies on any Individual



Press Coverage



Different Solutions for Different Waste

Type of Waste	Applicability	By Product
Green Waste	Gardens/ Green belts/ Residential Societies/ Golf course	Solid Compost
Cow Dung	Cow Shelters	Energy Sticks, Organic Manure and Liquid Compost
Green Waste	Gardens/ Green belts/ Residential Societies/ Golf course	Biomass Granules
Pious Refuse and Mandi Waste	River Banks/ Temples/ Vegetable Markets	Liquid Compost and Havan Samigri
Green Waste	Gardens/ Green belts/ Residential Societies/ Golf course	Organic Manure
Solid Mixed Organic Waste	Gram Panchayats/ Townships/RWA's	Organic Manure

Current Installations of GWR

- ❑ Lawn Area behind Nirman Bhawan, New Delhi (CPWD)
- ❑ Ministry of Defense at Central Ordnance Depot, Dhaula Kuan, Delhi
- ❑ Rose Garden, Faridabad Municipal Corporation (on trial basis).
- ❑ Mamun Military Station, Pathankot, Punjab
- ❑ CGO Complex, Lodhi Road, Delhi for Ministry of Drinking Water & Sanitation.

Our Present Installations



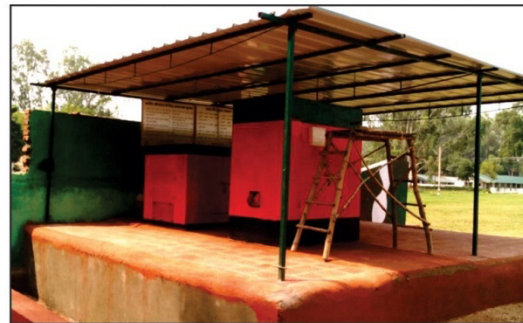
Central Ordnance Depot, Dhaula Kuan



Municipal Corporation of Faridabad



CGO Complex, Lodhi Road, New Delhi for MDWS



Mamun Military Station, Pathankot



Lawn Area behind Nirman Bhawan, CPWD

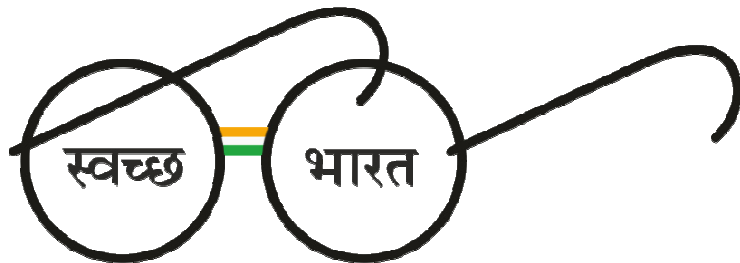
Exclusive Tie-Up for Other Type of Waste



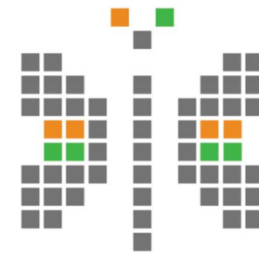
What they deal in:

- Plastics
- Papers
- Metals & TIN,
- Glass
- E-Waste

Our other similar projects running for



एक कदम स्वच्छता की ओर



Smart City

MISSION TRANSFORM-NATION

Modular Hi Tech Toilets

Street Furniture



Exterior View



Interior View



Features

- आधुनिक तकनीकी से बने और बेहतरीन ढंग से निर्मित हमारे शौचालय उपयोग में सुविधाजनक, रखरखाव में आसान और सस्ते हैं।
- न्यूनतम अवधि में शौचालयों का निर्माण और स्थापना हमारी खास विशिष्टता है। अत्याधुनिक डिजाइन के लिए न्यूनतम स्थान की आवश्यकता होती है।
- शारीरिक रूप से विकलांगों के लिए अलग शौचालय हेतु जहां जगह की कमी होती है, वहां हम पुरुष और महिला दोनों शौचालयों में रैम्प का निर्माण करते हैं।

Community Toilets





Current Clientele For Modular Toilets

- Municipal Corporation, Delhi
- Delhi Tourist and Transportation Development Corporation
- Central Public Work Departments
- Sonipat Municipal Corporation
- Bhagat Phool Singh Mahila VishwaVidyalaya, Government School Khanpur Kalan, Sonapat.



Rajghat, New Delhi



Indraprastha Bhawan, C



**For DTTDC, at Trans Yamuna
Area**

Street Furniture Project



Vending Kiosk



Dustbins



Standing Panel



Information Panel



Tree Guards

Have a Clean Day!



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