Initiatives taken under Swachh Bharat Abhiyan

Indore









Indore Municipal Corporation



Integrated Solid Waste Management





Challenges in Indore prior to SBM (U)



Lack of public confidence in the Corporation and administration



Lack of sanitation and waste management infrastructure



Community and public toilets not maintained/ unusable





Issues with unions and lack of discipline among municipal staff



Manual attendance system & High absenteeism of staff





Inefficient supervision and monitoring



Scattering of waste nearby container bins & Garbage vulnerable points



Changing the Swachhata Landscape of Indore



Confidence building activities

Two-pronged strategy: Sanitation & SWM infrastructure; and reaching out to citizens for awareness

Onboarding mayor, president, MLAs and corporators

Setting up infrastructure i.e. D2D comparted vehicles, transfer Stations, MRF center, compost plant etc.

Multiple waste collection system: Silt/ Sweeping waste, horticulture, C&D Collection, BWG, Biomedical, Meat waste

100% segregation through community participation

Special focus on setting up IHHL/CT/PT & Urinal Infrastructure







Intensive IEC activities to create large scale awareness

Bin free city/ towns & elimination of GVP points

Citizen involvement for three bin system (Wet, Dry and Domestic hazardous waste)

Targeted community involvement at various levels i.e., RWAs, Commercial Establishments, Social Organizations, etc.

NGOs mobilized for large scale awareness campaigns on SWM Components

Key Initiatives

Solid Waste Management

- Led by Municipal Commissioner/CMO, Municipal Teams visited field daily at 6-6.30 AM
- Bin Free, Dust free, litter free city/ towns
- Mechanized Road Sweeping
- Training and capacity building of Safaimitra
- Welfare measures for Safaimitra/ Ragpickers
- Active communication with Safaimitra unions
- Active involvement of corporators in D2D collection
- Ensuring Sustainability "Waste to Wealth" (CNG Public transport, Royalty processing)

Sanitation

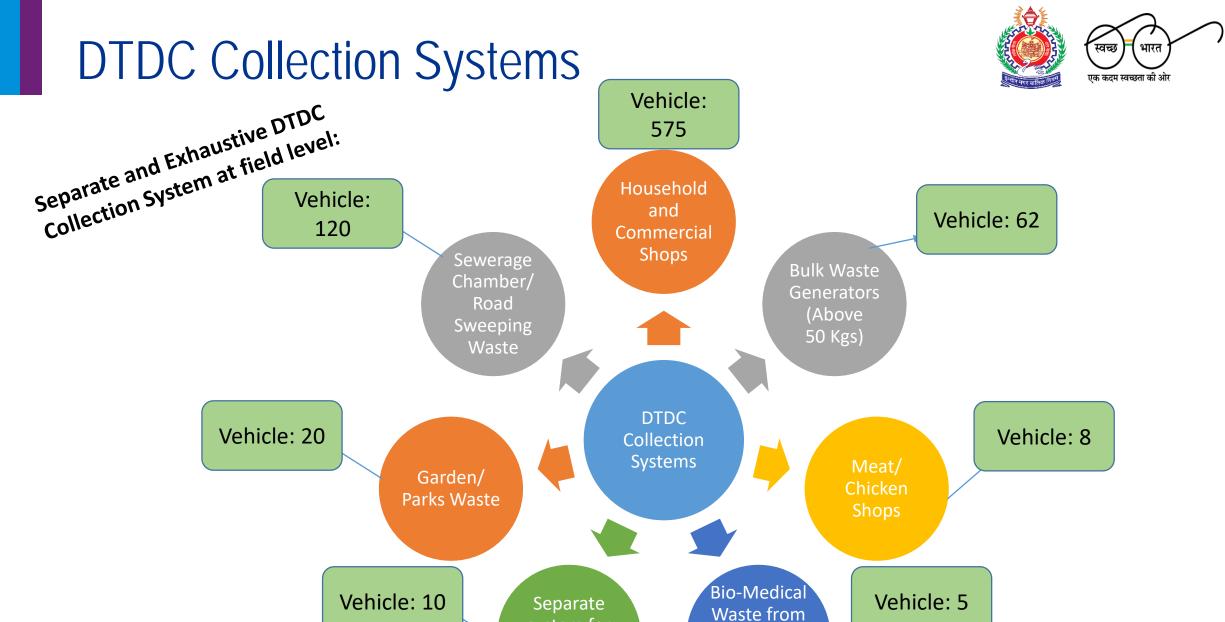
- Making city & towns Open defecations free
- Morning field visits by all officials/ staffs of municipals corporations and councils
- Construction of CT/PT/ IHHL & standalone Urinal
- Restoration & maintenance of defunct CT/PT
- Faecal Sludge Management

Community Engagement

- 'Dabba' Gangs & 'Seetee' Gangs (120) of young brigade to prevent open defecation
- CSR initiatives: Established San-mart for citizens to procure bins, bags, and other items related to SWM at subsidized rate
- 'Indore 311' Mayor Helpline for citizen grievance redressal & in other associated ULBs Swachhata App & intensive monitoring







system for

C&D

Collection

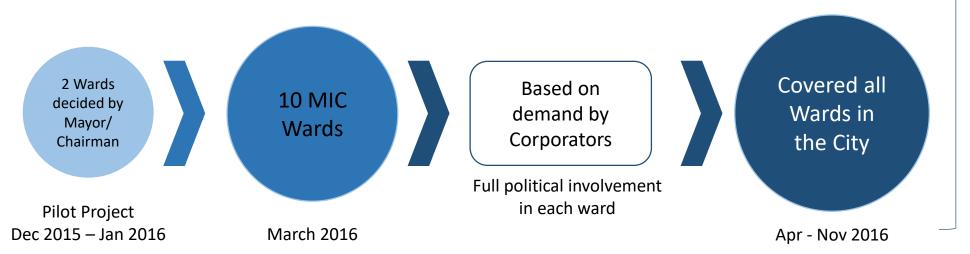
Hospitals/

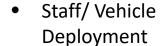
Nursing

Homes

Scaling up: Door to Door Collection







- Route Plan Maps
- NGO involvement
- GPS based vehicle
 monitoring
- Spot fine for violations



Ultra Modern Mechanized Transfer Stations















Scaling up: Segregation at Source





- Strict checking by Driver/Helper/NGO at source stage
- At Transfer Station
- Spot fine for violations







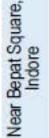
Bin Free City – Key Initiative





Bin Free City Initiative - Transformation















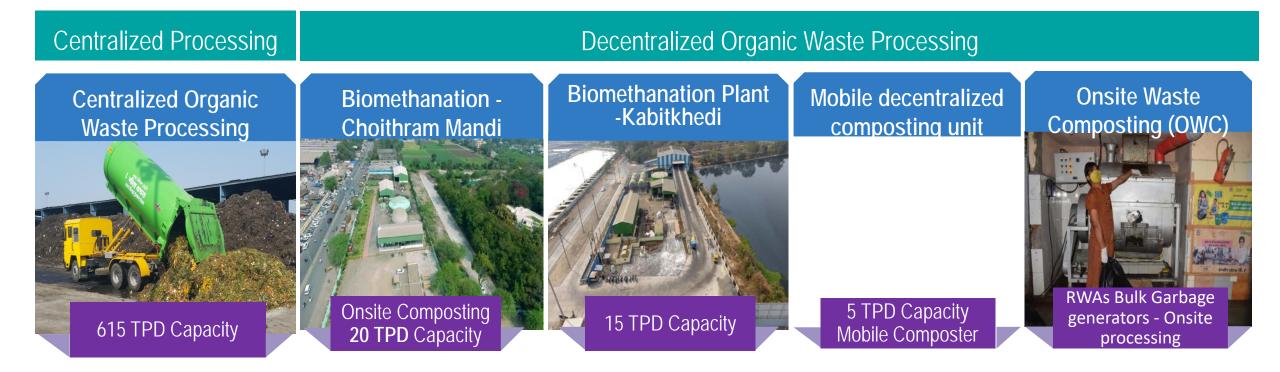








Wet Processing



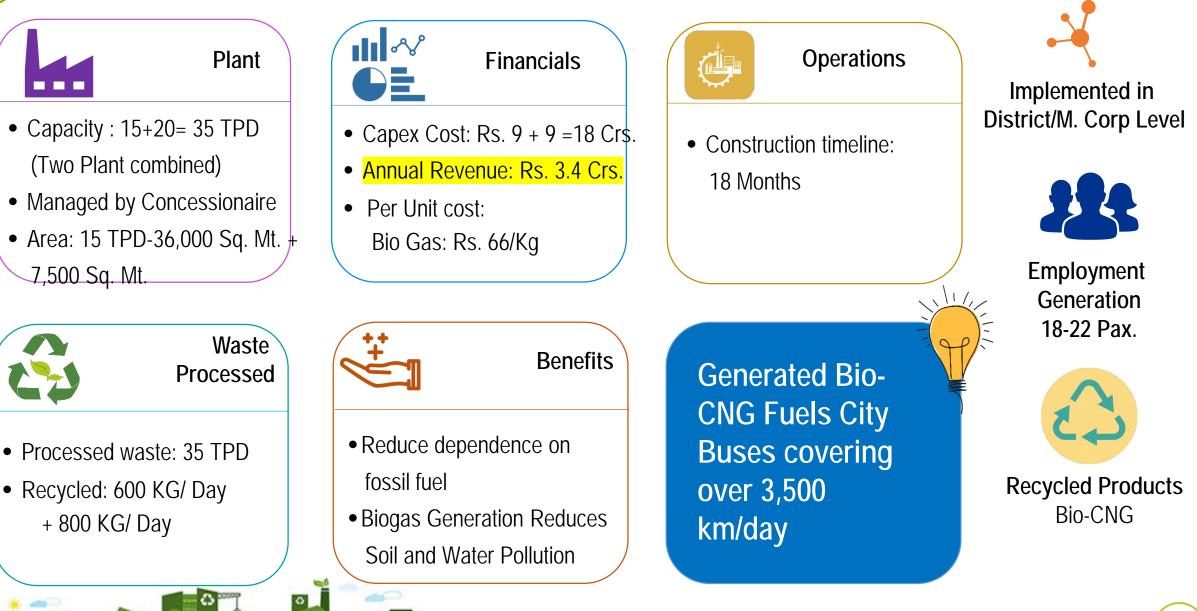
52,000+ households



Practicing home composting since 2019 and help governance for less expenses



Sustainability: Powering clean and green urban transportation



Sustainable Revenue Model – Dry Waste Processi







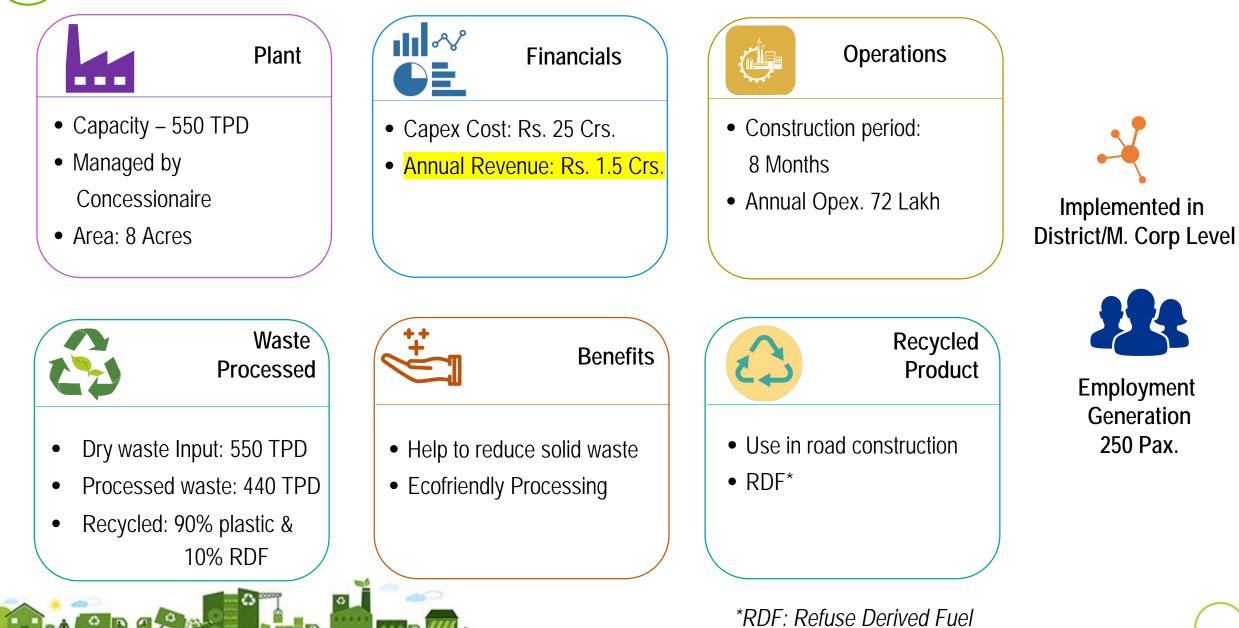
- This 350 and 200 TPD plant capacity will help IMC in generate revenue of (1.41+16) 1.57 cr. Every year.
- ► On PPP mode the company has invested 30 cr.
- This plant will be well linked by Collection and Transportation App of IMC to ensure ICT based record keeping.
- Sorting all type of dry waste such as Paper, plastic, iron, glass, ewaste, polythene, rugs, leather, shoes, pet bottles, rubber etc.,
- Integration with Recycling Industries, Cement Plant and Road Construction Agencies

Livelihood Opportunities – Ragpickers

- ► This plant will help in ensuring maximum recovery, minimum intervention & better health safety environment.
- 700 Rag pickers and 14 Kabaadis have been provided sustainable livelihood opportunities
- Experience rag-pickers are trained by NEPRA to help in quality check and segregation
- ► These experienced rag-pickers have been *provided* sustainable livelihood as well as enhancing the performance of plant



Sustainability | Moving towards Circular Economy – MRF



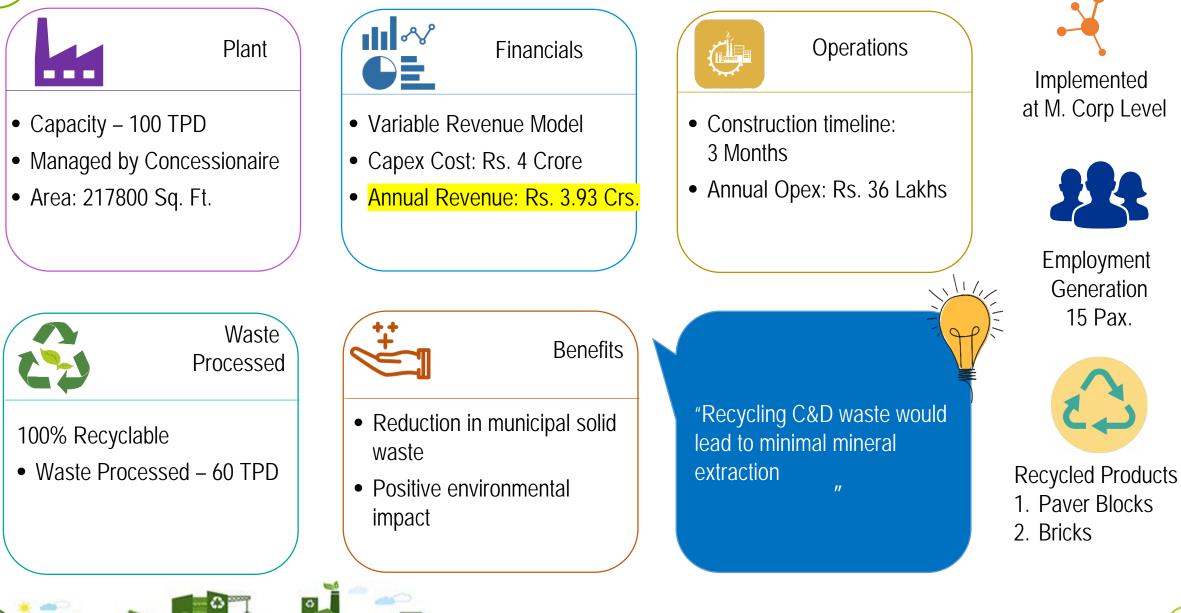


Construction and Demolition Waste Plant – Process





Sustainability | Construction and Demolition Waste Plant



Sustainability – 3R (Reduce-Reuse-Recycle)

3900 किलो कचरे से बन रही 90 किलो खाद

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- 8th UN Regional 3R Forum in Asia and Pacific REGION -held at Indore April 2018.
- Indore 3R declaration for clean land, clean water & clean air.
- Zero waste events (Ashara Mubaraka & IPL)
- Reduction of Waste Generation at source by Decentralized Composting & behavioral change
- Promoting Reuse & Recycling of waste
- 22 Zero Waste Campus/ colonies
- 5 Zero waste wards initiative out of 150 wards have been selected
- More than 0.52 lakhs of citizens doing home composting
- Reduction in transportation cost per matric tons
- Reduction in use of single use plastic
- Initiative of 3R already has been taken to reduce the waste:- Bartan Bank, Food Bank, Artefacts made out of Waste, Neki Ki Dewar, Leftover food to needy people

Bio-Remediation



Phase I: Green Belt Developed on Bio-Remediated Land [50,000 MT]





PHASE II: GREEN BELT DEVELOPED ON BIO-REMEDIATED LAND [**1**,**0**0,000 MT]





Bio-Remediation - Transformational Change









100 % legacy waste remediated
 100 acres land worth Rs. 300 cr. Reclaimed
 Proposed Plan to develop Golf Course/ City Forest

Bio-Remediation - Transformational Change





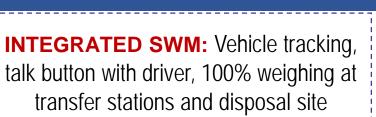
Digital innovations for citizen engagement





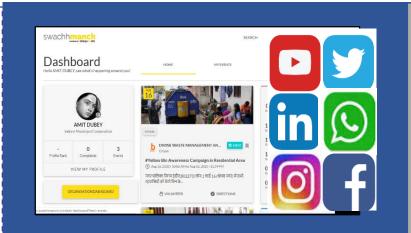
SWACHHATA APP: 98.5% complaints resolution within SLA

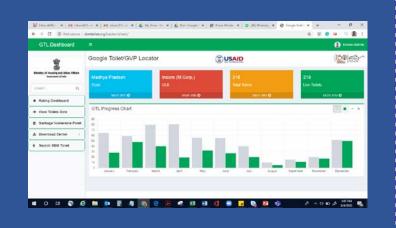
EVM Even





CITIZEN PARTICIPATION: Bhopu Mohalla App, Indore Talk, Indore Wale, Indore HD, Indore Meri Jaan, FM channels





GOOGLE TOILET LOCATOR:

326+ toilets mapped across the district and used actively by citizens

Swachhata – Jan Andolan





Awareness on Swachhta among Youngsters



Awareness on Swachhta among Citizens



Awareness on Swachhta among Citizens





Awareness on Home Composting



Awareness on Indore Swachhta Abhiyan

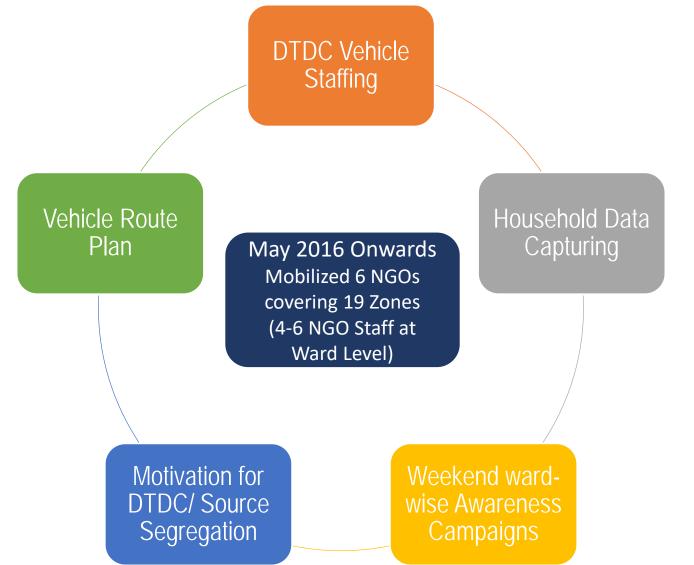


Awareness on 311 App

Role of NGOs in setting up SWM Processes



NGOs have played a key role in setting up SWM and creating Large Scale Awareness



Result and Impact



ODF & Water Sustainability

- Sustainable ODF City since 2015 and 1st ODF++ City in India
- 100% Fecal Sludge treated at STP
- Action Plan for reuse of treated waste water is formalized.
- 100% IHHL constructed as per requirement
- Self sustainable CT/PT to cater to the population of Indore

SWM

- State-of Art Infrastructure encompassing the entire waste value chain from collection to scientific disposal of waste
- Dumpsite remediated and 100 Acre land reclaimed
- Efficient C&D Waste Plan
- Sustainable Revenue Model established of Dry Waste Processing
- 3R (Reduce-Reuse-Recycle) principal implementation with citizens

IEC

- 100% DTDC and 100% Source segregation achieved at all wards
- 100% processing of Dry and Wet Waste achieved and the city is in process of achieving 'Zero Landfill Model'
- Across all parameters, IEC activities now focus on sustenance of the systems and processes in place

Way Forward (Waste Projects 2020)







Swachh Survekshan Award 2018 Swachh Survekshan Award 2017 Swachh Survekshan Award 2019 Swachh Survekshan Award 2020 आयोजक : आवासन एवं शहरी कार्य मत्रालय-SWACHHATA CHAMPIONS Indore-Madhya Pradesh tua Platform of Housing and Urban INDORE

