



# Compliance Status of Municipal Solid Waste Management Rules, 2016 and Sewage Management

(as per Hon'ble N.G.T O.A. 606/2018)  
Order Dated 31.03.2023

4<sup>th</sup> April 2024

Presentation by Chief Secretary, Govt. of Chhattisgarh

## KEY ISSUES:

- Solid Waste Management
- Legacy Waste Management
- Sewage/Septage Management

As per the Hon'ble NGT order dated 31.03.2023, the state of Chhattisgarh submitted its 1<sup>st</sup> six monthly compliance report on 10.10.2023 and the 2<sup>nd</sup> six-monthly compliance report as of March 2024

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## Sewage Management

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- Faecal Sludge Treatment Plants
- STP Photographs
- State's Commitment



## Accolade's SS-2023

1

# Chhattisgarh State Overview

# Chhattisgarh State Overview



**Divisions**  
05

**Districts**  
33

**Urban Local Bodies**  
169

**Urban Population**  
59 Lakh+

**Gram Panchayat**  
11665

**Rural Population**  
196 Lakh+

Chhattisgarh state achieved the 3<sup>rd</sup> rank for Best Performance among all states in Swachh Survekshan 2023

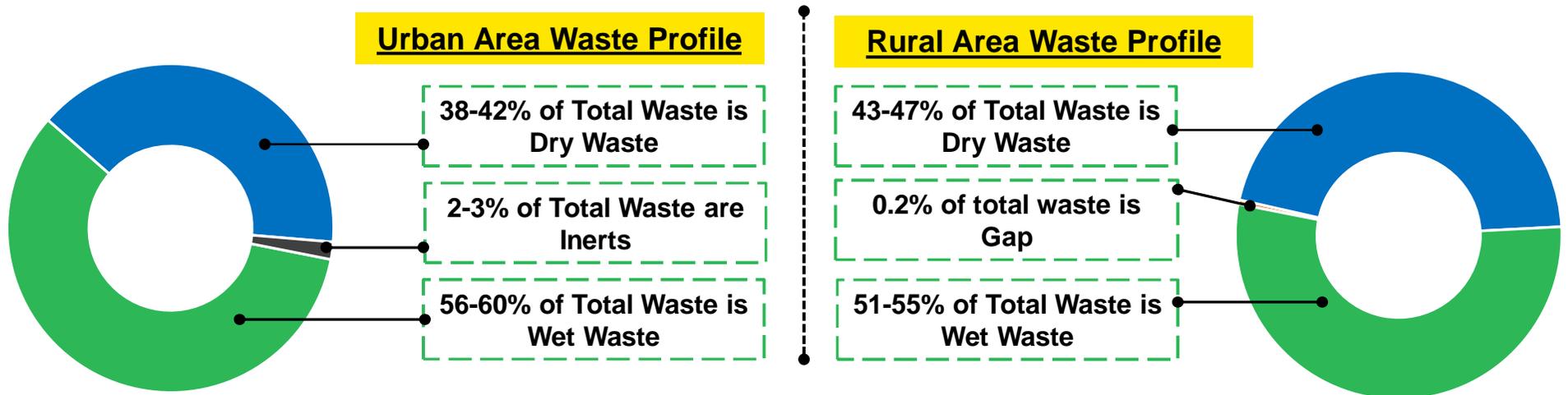


# 2

## **Solid Waste Management**

# Chhattisgarh Solid Waste Scenario

Chhattisgarh	Waste Generated (TPD)	Source Segregated (TPD)	Waste Collected (TPD)	Waste Processed at SLRM Centre (TPD)	Waste Processed at Compost Shed / Home Composting (TPD)	Waste/Inerts disposed at scientific landfill (TPD)	Gap (TPD)
Urban Area	1820	1820	1820	726	1063	31	0
Rural Area	2051	2048	2048	939	1109	00	3
<b>Total</b>	<b>3871</b>	<b>3868</b>	<b>3868</b>	<b>1665</b>	<b>2172</b>	<b>31</b>	<b>3</b>



The ULB & District wise data on SWM is attached as **Annexure A & B** with the 2<sup>nd</sup> six monthly compliance report

# Solid Waste Management Process



Attendance on NISHTHA app



Departure



Door to Door Collection



Segregation at SLRM Centre



Sold to recyclers and cement plants



Storage Facility



Secondary Segregation



Washing of Dry Waste



Sold as Compost



Composting at Compost Shed



Drying of useful wet waste



Washing of Wet Waste



Weighing of waste



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# Compliance of SWM Rules, 2016

Cont...

Enforcing waste generators to practice source segregation of waste in Urban Areas.

Ensure Door to Door collection of segregated Municipal Solid waste in Urban Areas

Ensure transportation in covered vehicles to processing or disposal facilities in Urban Areas

Bioremediation of old and abandoned dump sites in Urban Areas

Mar'23  
Mar'24



Mar'23  
Mar'24



Mar'23  
Mar'24



Mar'23  
Mar'24



Achievement through robust monitoring, strengthening of SWM facilities, & dedicated efforts by Swachhta Didi's

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# Solid Waste Management in Chhattisgarh

## Urban Area

	Mar'23	Mar'24
SLRM Centres	360	377
Compost Sheds	175	185



Raigarh ULB



Patan ULB

## Rural Area

	Mar'23	Mar'24
Segregation Sheds	6274	11416
Community Compost Pit	18110	91130



Karmha GP



Bade Kanera GP

Urban area has 5721 Covered vehicles (tricycle, E-rickshaw, mini tipper, tractor, dumper and compact loader) and Rural areas has 13,764 covered tricycles for SWM.

Integrated Solid Waste management Facility



Sakri (Raipur)



Kachhar (Bilaspur)

## Plastic Waste Granulating Plant



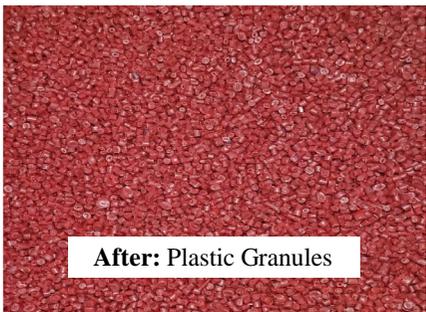
Segregation of Plastic Waste



Plastic Granulating Machine

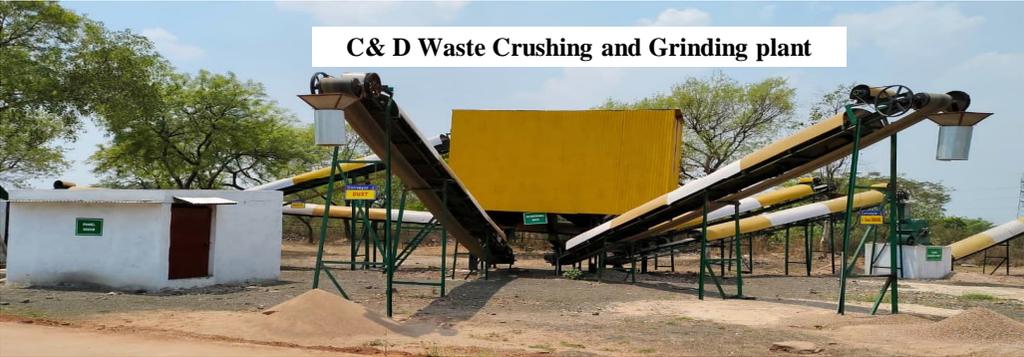


Before: Shredded Plastic Waste

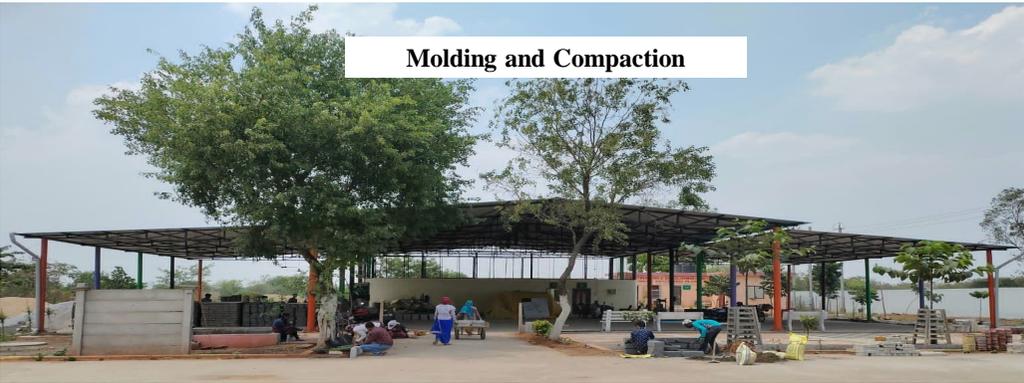


After: Plastic Granules

## C&D Waste Processing Plant



C&D Waste Crushing and Grinding plant



Molding and Compaction



Benches and Drain Covers



Paver Blocks for Roads and Gardens

# Scientifically Handling of Wet Waste (Bio-CNG Plant)



**Bhilai & Raipur Municipal Corporation has signed MoU with BPCL for Bio-CNG Plant**

## Bhaili Municipal Corporation

- ❖ Setting up of a **100-150 TPD CBG Plant** (Bhilai:50 TPD, Durg: 25 TPD, Risali and Bhilai-Charoda: 5-10 TPD organic waste and balance the balance of input raw material will have utilization from dairy waste, agriculture residues etc). **(Expt. completion timeline Dec'25)**
- ❖ This project is signed for **25 years under SATAT Scheme**.

## Raipur Municipal Corporation

- ❖ Setting up of a **100 TPD CBG Plant** (MSW source from Raipur and Birgaon Municipal Corporation).
  - ❖ Expt. completion timeline **Dec'25**.
  - ❖ This project is signed for **25 years under SATAT Scheme**.
- 
- ❖ Raigarh, Korba and Ambikapur are in discussions with GAIL for installation of a Bio-CNG plant under the SATAT Scheme.

# Recyclable and Resource Recovery

- ❖ The collected dry waste is further segregated into **17 dry waste categories** at the **MRF of the ULBs**.
- ❖ **Recyclables are sold to authorized recyclers.**
- ❖ **Non-recyclable and non-saleable Segregated Combustible Fraction (SCF)** undergoes cleaning by **fatka machines**, compression using bailing machines, and is subsequently sent to **cement plants for co-processing in their kilns.**
- ❖ **67 ULBs have agreements with 10 nearby cement plants** to dispose of non-recyclable plastic waste in their kilns.



# IEC Campaign

Cont...

“Samjhaya-Sikhaya-Bhagidar Banaya”

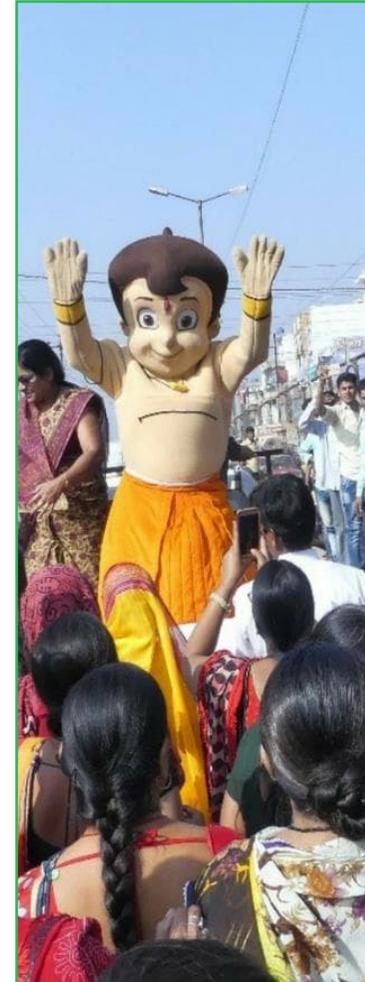
Aiming at behaviour change of the citizens towards Source Segregation of Wet and Dry Waste an IEC Campaign ‘Chhota Bheem-Captain Clean’ was launched in association with popular Indian mythological animation Character to create a better impact amongst the Kids and youth.

## IEC PROGRAMS FOR STUDENTS.

- **Summer Projects** in schools to promote Reduce, Reuse, Recycle and encouraging Eco-Friendly Habits.
- Organized **Swachhata Competition's** for Schools, Hotels, Hospitals, RWA's and Markets to promote hygienic living spaces
- 2000+ **Bano Plastic Free Workshops** organized in RWA, Colleges and Schools.

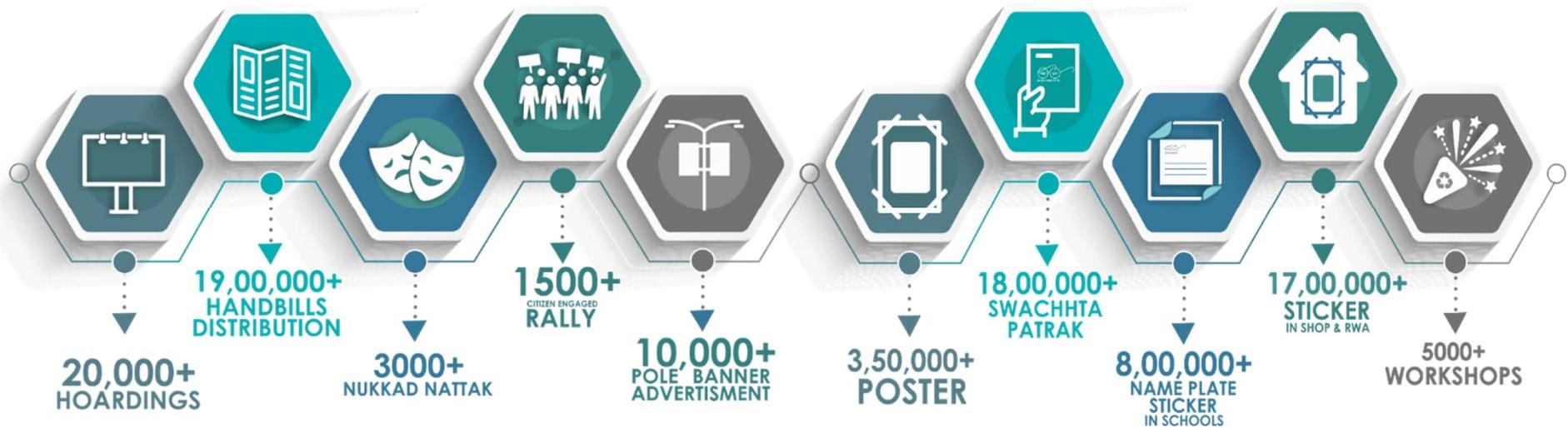
## COMMUNITY LEVEL IEC PROGRAMS

- **Telecast of Video Song “Apna Jhola Layega”** in Regional News Channels, FM Channels, Multiplexes, Airport and Railway Station Screens.
- 165+ “Bano Plastic Free” **Cycle Rallies** organized.
- 6,000+ **Plastic Waste Shram Dan Rally** (Mass Scale Plogging Drive).
- 1400+ “Bano Plastic Free” **Nukkad Nataks** Organized.
- **Flash Mobs** in Malls, Parks and Markets.
- **Wall Paintings** on Swachhata and Bano Plastic Free themes.



# IEC Campaign

ICE flyers published and Activities performed



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# Innovations and Success Stories

Cont...



## Chhota Bheem Captain Clean

Campaign for Behaviour Change of the citizens towards waste segregation & Community Participation



## Godhan Nyay Yojna

Effective dairy waste management and livelihood by converting cattle manure into compost (40103 Tonne of vermi compost)



## Bartan Bank

Innovative way to discourage the use of single use plastic by providing cloth bag and utensils on rent at nominal cost. (332 Bartan are operational)

## India's First Garbage Café

Ambikapur ULB provides food to the poor and homeless in lieu of plastic waste.



## Bali Vashiya

An Innovative way (garbage enzyme) for converting wet waste into Compost (Ambikapur Pilot Project)



## NIDAAN 1100

Online Grievance Redressal Mechanism for all Waste Management Grievances in State of Chhattisgarh (3.8 Lakh+ complaints addressed since 2013)



# Innovations and Success Stories

Cont...

## “Swachhata Diksha” (Training Centre for Waste Management at Ambikapur)

State has developed a Training centre at Ambikapur.

### AIM

- ❖ To impart knowledge in the waste management sector.
- ❖ Help experts to develop successful waste management models for their communities.
- ❖ To raise awareness among the public about the importance of waste management.

### SALIENT FEATURES

- ❖ Equipped with state-of-the-art facilities and resources.
- ❖ Both Online and offline training available for individuals, organizations, and communities.
- ❖ Covers all aspects of waste management, including waste reduction, recycling, composting, and landfill management.



### आइएस के प्रशिक्षण का हिस्सा बना अंबिकापुर का स्वच्छता माडल



Through “Swachhata Diksha” training centre, the state has assisted multiple states by offering training and capacity building workshops regarding sustainable waste management.

In addition to the above the state has also imparted training to **Approx. 70 Officials from Nepal**

### Training imparted to officials form different States

State/Country	Officials
Maharashtra	80
Uttar Pradesh	50
Tamil Nadu	28
Rajasthan	25
Andhra Pradesh	10
Tripura	40
Jammu & Kashmir	4
Ladakh	25
Nepal	70



Training Centre



Classroom Training



Field Training

As per the NGT's Direction 21 CMOs have been trained on the Indore Waste Management Model at Indore

# Innovations and Success Stories

## Self Sustainable Revenue Generation CSC Model

Gram Panchayat (GP) – Batwahi, Block – Lundra, District – Surguja

- Segregation shed constructed and SHG swachhgrahi engaged for SLWM activities.
- Vermi compost units constructed for biodegradable waste.
- Community biogas installed and gas provided to 10 families under Gobardhan Scheme.
- Batwahi is also Menstrual Hygiene Management (MHM) saturated GP where every women and adolescent girl in GP is practicing Safe MHM.
- Single use plastic also banned in GP area. traditional sources like paper bags, dona-pattal are being used in place of SUP.

Gram Panchayat-Batwahi was awarded with ODF sustainability award in year 2020.



# Legacy Waste Profile

Cont...

The Legacy waste Remediation work has been successfully completed in 162 Urban Local Bodies.

- ❖ Most of ULBs come under 1 lakh population category.
- ❖ Accumulated waste at dumpsites was processed under **Mission Clean City (based on Ambikapur model)**
- ❖ **470 Acres** of land reclaimed in 162 ULBs
- ❖ These reclaimed areas were utilized for developing Infrastructure in form of SLRM Centres and Compost Shed.

## Process

- ❖ Segregation of waste at dump sites and formation of garbage heap.
- ❖ Sprinkling of water and bacterial inoculum.
- ❖ Scientifically remediation of the dumpsite.
- ❖ Since January 2018, all 169 ULBs are implementing **Mission Clean City Model (100% waste processing)**.
- ❖ **Resulting no new dumpsites.**



Formation of garbage heap and primary segregation



Sprinkling of water for compressing the heap



Preparation of grass seeds to bind the soil on surface.



Drilling for insertion of Bacterial inoculums



Covering of surface with Jute & other capping Material



Regular maintenance and care of the growing grass

# Legacy Waste Profile

## Technology to Remediate Legacy Waste

Out of 7 ULBs, Legacy waste remediation work is completed in 5 ULBs and in 2 ULBs is in progress.

The proposed technology for treatment & disposal of Legacy Municipal Solid Waste is **Bio-remediation and Bio-mining**.

As per the CPCB guidelines for the disposal of legacy waste (old municipal solid waste) in line with SWM Rules, 2016.



- Send to Cement Plant ← **SCF**
- Filling low-lying area ← **Bio Soil**
- Plantation ← **Land Reclamation**

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# Legacy Waste Profile

Cont...

## Status of Legacy Waste Disposal in 07 ULBs with Budgetary provision

Sr. No.	ULBs Name & Dumpsite area	Legacy Waste Quantity (Tonne)	State Budget allocation (in Lakh)	Status March 2023	Status March 2024	Cement plant name where SCF is being sent	Estimated work completion timeline	Intended Use of Reclaimed Land
1	Raipur (1,16,751 sqm)	4,50,000	1816.00	5 <sup>th</sup> Tender has been called due to non-availability of the Qualified Bidders.	Approx. 99,885 MT has been remediated. (Work started in Oct'23) <b>22% work completed.</b>	ACC Jamul	Dec 2024	Riverfront development projects
2	Korba (41,278 sqm)	2,64,000	693.71	20% completed	<b>100% work completed.</b>	Emami Cements, Durg	May 2023	Sanitary Park
3	Durg (40,469 sqm)	1,44,000	599.58	70% completed	<b>100% work completed.</b>	Ultratech Cement, Simga	Oct 2023	Gauthan & Compost centre
4	Raigarh (26,952 sqm)	53,934	211.35	80% completed	<b>100% work completed.</b>	Rawan cement Works	May 2023	Oxyzone
5	Jagdarpur (26,000 sqm)	44,000	214.25	30% completed	<b>100% work completed.</b>	Ultratech Cement, Simga	May 2023	Plantation
6	Dhamtari (18211 sqm)	35,000	131.00	70% completed	<b>100% work completed.</b>	Ultratech Cement, Simga	May 2023	Oxyzone & Gauthan
7	Rajnandgaon (14958 sqm)	26,506	106.02	45% completed	Approx. 18,289 MT of has been remediated. <b>69% work completed.</b>	Birla Cements	July 2024	Sanitation Park
<b>Total</b> (Area: 2,84,619 sqm)		<b>10,17,440</b>	<b>3771.91</b>	<b>Approx. 2,46,375 Tonne of Legacy waste was remediated</b>	<b>Approx. 6,56,900 MT has been remediated.</b>			

The State reassures that the necessary budgetary provisions (Rs. 37.72 Cr) are already in place towards Legacy Waste Remediation.

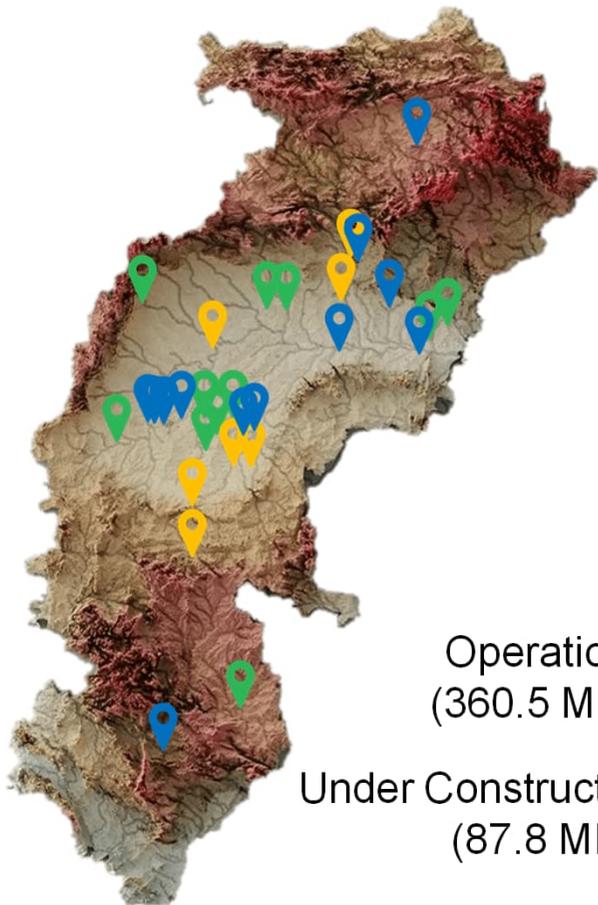
# Photographs of Ongoing Legacy Waste Remediation Work



# 3

## Sewage Management

# Chhattisgarh Sewage Scenario



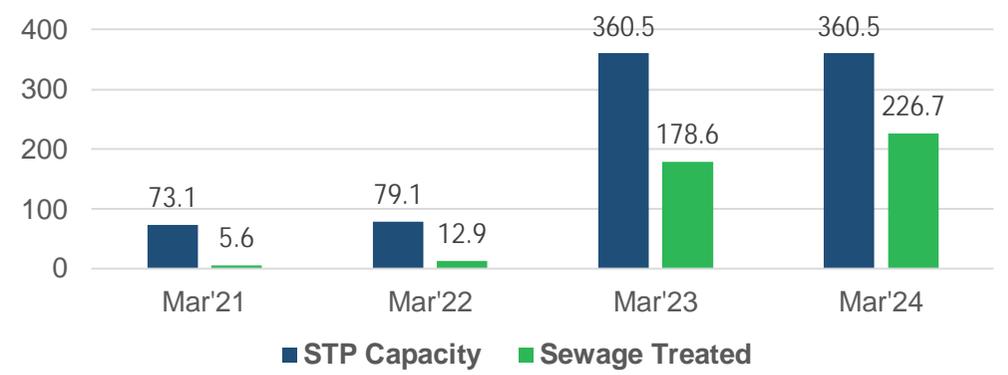
Approx. **600 MLD** of sewage is being generated in urban areas of Chhattisgarh.

The state has about **360.5 MLD installed capacity, 87.8 MLD under construction and approx. 423.7 MLD approved stage**, combining total capacity of **872 MLD** for the treatment of used water from the urban households.

Most of the urban households depend on on-site sanitation systems such as **Septic Tanks, Pit latrines and twin pits**. The septage generated from the households of all **159 ULBs** is being treated through **Faecal Sludge Treatment Plant (FSTPs)** (Low-cost gravity based Planted drying bed) and **co-treatment with nearby STPs in 10 ULBs**

Approx. **33.5 Lakh Leach pit toilets are constructed** in the **rural area** where in situ treatment of faecal waste is done. And no further treatment of such waste is required in the rural scenario.

- Operational (360.5 MLD) **14**
- Under Construction (87.8 MLD) **11**
- Approved Stage (423.7 MLD) **10**



Progress in STP Capacity of State after intervention of Hon'ble NGT

# STPs Progress

Cont...

## Capacity Utilization of the Operational STPs

**14** Operational STPs

Installed Capacity  
(360.5 MLD)

Utilization Capacity  
(226.7 MLD)

Sr. No.	Location	Existing STP Capacity	Capacity Utilization (March-23)	Capacity Utilization (March-24)
1	Chilhathi (Bilaspur)	17 MLD	16.0 MLD	16 MLD
2	Domuhani (Bilaspur)	54 MLD	8.5 MLD	16.4 MLD
3	Mini Mata Chowk (Kawardha)	2.1 MLD	1.6 MLD	1.8 MLD
4	Bhatagaon (Raipur)	06 MLD	5.8 MLD	5.8 MLD
5	Kara (Raipur)	35 MLD	21 MLD	21 MLD
6	Nimora (Raipur)	90 MLD	75 MLD	75 MLD
7	Chandandih (Raipur)	75 MLD	12 MLD	40 MLD
8	Nava Raipur – Zone 2 (Raipur)	10 MLD	3.5 MLD	3.5 MLD
8	Nava Raipur – Zone 3 (Raipur)	7 MLD	1.0 MLD	1 MLD
10	Nava Raipur – Sector 19 (Raipur)	1.2 MLD	1.2 MLD	1.2 MLD
11	Banjipali (Raigarh)	25 MLD	15 MLD	23 MLD
12	Bade Atarmoda (Raigarh)	07 MLD	07 MLD	7 MLD
13	Balikota (Jagdalpur)	25 MLD	08 MLD	12 MLD
14	Mohad (Rajnandgaon)	6.2 MLD	03 MLD	3 MLD
<b>TOTAL</b>		<b>360.5 MLD</b>	<b>178.6 MLD</b>	<b>226.7 MLD</b>

# STPs Progress

Cont...

## STP Outlet Sample Analysis Report

ULB Name	Parameters				Complied/ Not Complied
	PH	BOD µg/m <sup>3</sup>	TSS µg/m <sup>3</sup>	Faecal Coliform MPN/100ml	
	6.5-9.0	20	100	1000	-
Bhatagaon (Raipur)	7.5	12	62	9	Complied
Kara (Raipur)	7.4	8	68	8	Complied
Nimora (Raipur)	7	14	74	7	Complied
Mini Mata Chowk (Kawardha)	7.8	12	30	90	Complied
Chilhathi (Bilaspur)	9	14	96	Not Available	Complied
Domuhani (Bilaspur)	8.9	11	93		Complied
Banjipali (Raigarh)	7.4	3.7	10		Complied
Bade Atarmoda (Raigarh)	7.4	3.9	14		Complied
Balikota (Jagdalpur)	7.3	3	20		Complied
Mohad (Rajnandgaon)	7.6	16	40	80	Complied

# STPs Progress

Cont...

## Progress of Under Construction STPs

**11**

**Under Construction  
(87.8 MLD)**

Sr. No.	Under Construction STPs	STP Capacity (MLD)	Physical Progress	Estimated Completion Date
1	Nawa Raipur: Zone 1	10	98% completed	(Dec 2023)
2	Nawa Raipur: Zone 4	10	78% completed	(Dec 2023)
3	Kanker	7.8	92% completed	(Jun 2024)
4	Dhamtari	19.6	94% completed	(Jun 2024)
5	Nawapara	7.5	100% completed	(Jun 2024)
6	Rajim	2.8	100% completed	(Jun 2024)
7	Simga	2.8	89% completed	(Jun 2024)
8	Champa	5.3	75% completed	(Jun 2024)
9	Bilaspur: Koni C	6.0	80% completed	(Jun 2024)
10	Bilaspur: Mangla B	10.0	05% completed	(Jun 2024)
11	Bilaspur: Mangla D	6.0	60% completed	(Jun 2024)
<b>TOTAL</b>		<b>87.8</b>	<b>-</b>	

**Budgetary provisions allocated for Construction of STPs.**

**Rs. 176.55 Cr from state budget**

## Budgetary provision

### State Budget

STP	Capacity (MLD)	Project Cost (Lakhs)
Nawa Raipur Zone 1	10	3500
Nawa Raipur Zone 4	10	3493
Kanker	7.8	2143
Dhamtari	19.6	3031
Nawapara	7.5	1548
Rajim	2.8	1459
Simga	2.8	1088
Champa	5.3	1393
<b>TOTAL</b>	<b>65.8</b>	<b>17655</b>

### Smart City

STP	Capacity (MLD)	Project Cost (Lakhs)
Bilaspur (Mangla B)	10.0	1354
Bilaspur (Mangla D)	6.0	869
Bilaspur (Koni C)	6.0	780
<b>TOTAL</b>	<b>22</b>	<b>3003</b>

**Rs. 30.03 Cr from Smart City Scheme**

# STPs Progress

## STPs in pipeline

10

Approved Stage  
(423.7 MLD)

Sr. No.	STPs (approved stage)	STP Capacity Approx. (MLD)	Administrative Approval Timeline
1	Kumhari	80 MLD	Administrative Sanction Obtained.
2	Sakti	04 MLD	
3	Shivrinarayan	2.2 MLD	
4	Dantewada	2.8 MLD	
5	Chandrapur	1.7 MLD	
6	Durg	62 MLD	Proposed Under AMRUT 2.0  (DPR preparing stage)
7	Bhilai	158 MLD	
8	Korba	33 MLD	
9	Ambikapur	46 MLD	
10	Rajnandgaon	34 MLD	
<b>TOTAL</b>		<b>423.7 MLD</b>	-

Budgetary provisions  
allocated for STPs in pipeline.

Rs. 98.86 Cr from state budget

## Budgetary provision

### State Budget

STP	Approx. Capacity (MLD)	Estimated Project Cost (Lakhs)
Kumhari	80.0	6404
Sakti	4.0	772
Shivrinarayan	2.2	1010
Dantewada	2.8	655
Chandrapur	1.7	1045
<b>TOTAL</b>	<b>90.7</b>	<b>9886</b>

### AMRUT 2.0

STP	Approx. Capacity (MLD)	Estimated Project Cost (Lakhs)
Durg	62.0	21,515 Central Share 30,125 State Share 12,910 ULB Share
Bhilai	158.0	
Ambikapur	46.0	
Rajnandgaon	34	
Korba	33	
<b>TOTAL</b>	<b>333</b>	<b>64,550.00</b>

Rs. 645.50 Cr from AMRUT 2.0 Mission

# Utilization of the treated wastewater from STPs

Reuse of the treated waste water from the operational STPs is being done in:

- ❖ Utilization in industrial purposes,
- ❖ Landscaping works in parks and gardens,
- ❖ Water sprinkling on roads to limit the Road Dust pollution,
- ❖ Construction work carried out by ULBs



Durg ULB



Raipur ULB

**Acceptance received from six Industries & MoU signed with 2 Industries for the purchase of treated wastewater from RMC.**

- ❖ Accepted Rate of Treated Wastewater (after secondary treatment) : Rs. 6/Litre
- ❖ Expected Total Revenue Generation: 2.37 Cr/Year
- ❖ Work in progress for signing of MoU between RMC and Industry.

Sr No.	Name of Industrial Unit	Desired Treated Water (Per Day)
1	M/s. Hira Steel Limited	2000 KLD
2	M/s. Brijesh Steel Limited (MoU signed on 02.01.24)	7000 KLD
3	M/s. R. R. Ispat Limited	100 KLD
4	M/s. Alok Ferro Alloys Limited	1000 KLD
5	M/s. Hira Ferro Alloys Limited	900 KLD
6	M/s. Maa Kudergadi Power & Ispat Pvt. Ltd (MoU signed on 03.11.2023)	2000 KLD
<b>Total Demand by Industries</b>		<b>13000 KLD</b>

MoU signed with NTPC, Korba on 01.02.24 for the utilization of treated wastewater (20.5 MLD) from the Korba.

# Insitu Drain Remediation

Pilot project Municipal Corporation Ambikapur

State has developed a model in-situ Phyto-remediation plant named as “Natural Gravity Based low-cost Wastewater Treatment Plant” and it has been successfully implemented in Municipal Corporation Ambikapur, Chhattisgarh as a pilot project.

In this process treatment of drains is done using aquatic plants / microbial remediation methods.

The in-situ treatment system can treat the sewage in a continuous manner throughout the year.



# Faecal Sludge Treatment Plants

Cont...

Insanitary conditions for more than 5.7 million of the urban population was addressed by constructing low-cost gravity based FSTP as a result of which CG state became the first and only ODF++ State.

159

FSTP's  
in ULBs

10

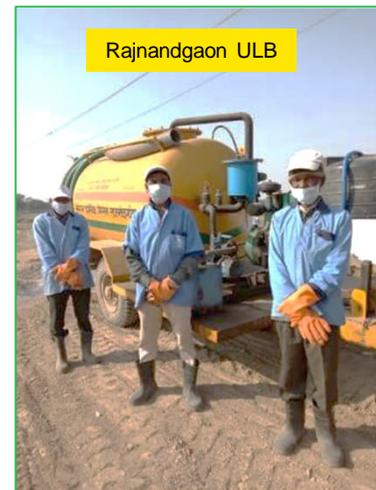
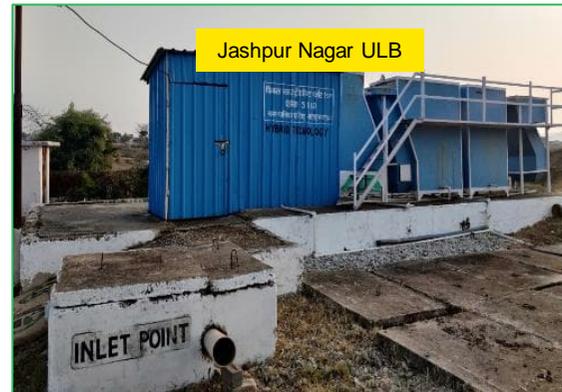
Co-treatment in  
nearby STPs

48

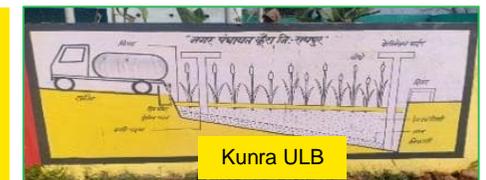
FSTP's in  
Rural Area

## Salient features of FSTP

- ❖ Decentralised treatment plant with 5-step enhanced treatment process which is easy to construct and operate.
- ❖ Treatment plant with less space requirement and greater ecological viability.
- ❖ Low Capital and Operational expenditure per KLD as compared to other conventional technologies
- ❖ As per the direction of hon'ble NGT, UAD has prepared DPRs to construct low-cost Waste Stabilization Pond (WSP) in 5 ULBs



100 % Septage  
Collection  
Transportation  
& Safe Disposal



# Faecal Sludge Treatment Plants

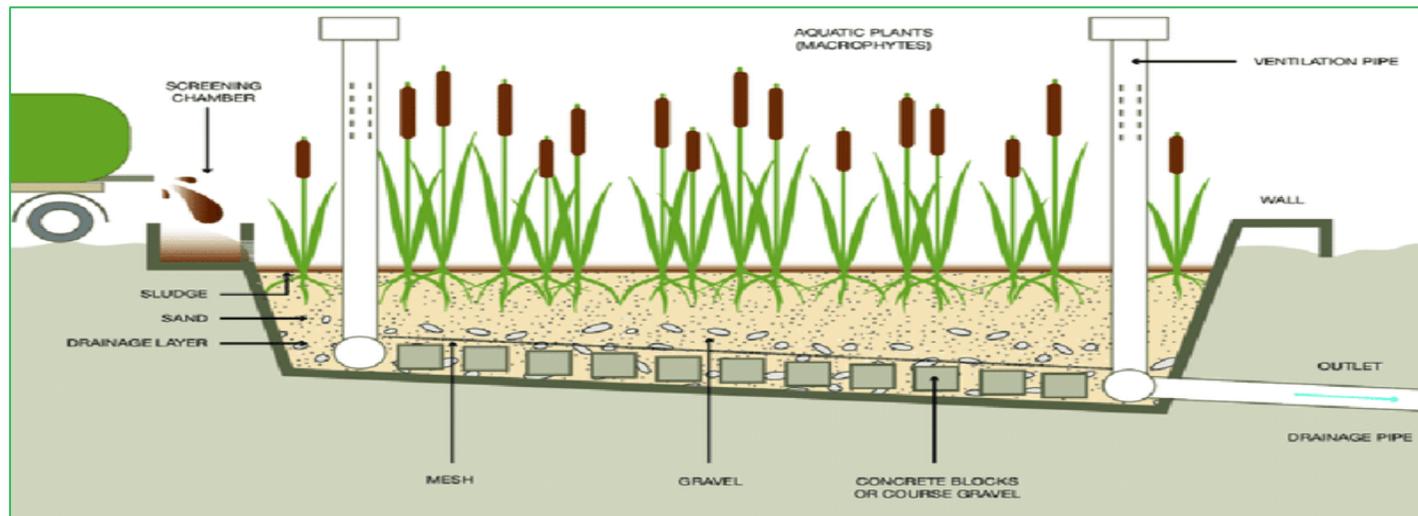
## Process of Faecal Sludge Treatment Plants

Requests for desludging of septic tanks by owners is made through **NIDAAN 1100**

A Nominal fee of **Rs.1000-1200** is charged for the collection

Transportation of collected septage by desludging vehicle (**Vacuum Emptier**)

**Screening of large solid objects** using a bar screen at inlet point



Schematic Diagram of a Faecal Sludge Treatment Plant

**Discharge of treated water** through Planted Gravel Bed

**Removal of Dried Sludge** from the top layer of the Planted Gravel Bed

Treatment of waste water through **phytorid plants**

Separation of solids from and liquids the septage by **Dewatering**

# STP Photographs

Cont....

Operational STPs

**Bilaspur (Domuhani)**  
54 MLD



**Bilaspur (Chilhathi)**  
17 MLD



**Kawardha (Mini Mata Chowk)**  
2.1 MLD



# STP Photographs

## Operational STPs

Cont....

**Raipur (Nimora): 90 MLD**



**Raipur (Chandandih): 75 MLD**



**Raipur (Kara): 35 MLD**



**Raipur (Bhatagaon): 06 MLD**



# STP Photographs

## Operational STPs

Cont....

**Raigarh (Bade Atarmoda): 07 MLD**



**Raigarh (Banjipali): 25 MLD**



**Rajnadgaon (Mohad): 6.2 MLD**



**Jagdalpur (Balikonta): 25 MLD**



# STP Photographs

Constructed STPs

Nawapara: 7.5 MLD



Rajim: 2.8 MLD



CHHATTISGARH

# STP Photographs

Under Construction STPs

Dhamtari: 19.6 MLD



Kanker: 7.8 MLD



Simga: 2.8 MLD



CHHATTISGARH

# State's Commitment

- ❖ The State of Chhattisgarh understand the importance of managing sewage in an efficient and environmentally friendly manner, and we are committed to taking all the necessary steps to make zero gap in sewage management.
- ❖ The State is confident that we will complete the construction of the sewage treatment plants in a time bound manner and utilize the treated wastewater.
- ❖ The State reassure you that the state government has made adequate budgetary provisions in a ring fenced manner for the construction of Sewage Treatment Plants.

# Details of the Ringfenced Amount

Sr No.	Project Name	ULB Name	Ring Fenced Amount (Bank Name & Account No.)	Project Cost	Amount credited in Ringfenced account (Lakhs)	Balance amount to be Ringfenced (lakhs)
A	B	C	D	E	F	G=(E-F)
1	Legacy Waste Remediation	Raipur	Kotak Mahindra Bank (3448956281)	1264.50	1264.50	0.00
2		Durg	Union Bank of India (496702010020480)	599.38	599.38	0.00
3		Korba	IDFC First Bank (10132737405)	579.00	579.00	0.00
4		Rajnandgaon	Ujjivan Small Finance (2344110110053162)	106.02	106.02	0.00
5		Jagdalpur	ICICI Bank (108505008758)	214.25	214.25	0.00
6		Dhamtari	Bandhan Bank, (50210019085521)	131.68	131.68	0.00
7		Rajnandgaon	Axis Bank (910010018194314)	156.96	156.96	0.00
<b>TOTAL</b>				<b>3051.79</b>	<b>3051.79</b>	<b>0.00</b>

Sr No.	Project Name	ULB Name	Ring Fenced Amount (Bank Name & Account No.)	Project Cost	Amount credited in Ringfenced account (Lakhs)	Balance amount to be Ringfenced (lakhs)
A	B	C	D	E	F	G=(E-F)
1	Construction of STP work (Ongoing- State budgeted)	NP Kanker	State Bank of India (63018811194)	2195.93	1850.00	345.93
2		NN Dhamtari	Indian Bank (50039281326)	3031.00	2600.00	431.00
3		NP Gobranawapara	HDFC Bank (59118319882004)	1577.85	1577.85	0.00
4		NPP Rajim	HDFC Bank (50100561779121)	1489.32	1489.32	0.00
5		NPP Simga	State Bank of India (30355221285)	1114.96	1000.00	114.96
6		NP Champa	Bandhan Bank (50230004883644)	1393.11	1100.00	293.11
<b>TOTAL</b>				<b>10802.17</b>	<b>9617.17</b>	<b>1185.00</b>
<b>The 1185.00 Lakhs amount has been ringfenced in UAD Bank Account ICICI Bank (777301000149)</b>						

# Details of the Ringfenced Amount

Sr No.	Project Name	ULB Name	Ring Fenced Amount (Bank Name & Account No.)	Project Cost	Amount credited in Ringfenced account (Lakhs)	Balance amount to be Ringfenced (lakhs)
7	Construction of STP work (Proposed- State Budgeted)	NP Kumhari	UAD Bank Account ICICI Bank (777301000149)	6404.00	0.00	6404.00
8		NP Sakti		749.87	0.00	749.87
9		NPP Shivrinarayan		978.00	0.00	978.00
10		NP Dantewada		635.39	0.00	635.39
11		NPP Chandrapur		1014.63	0.00	1014.63
<b>TOTAL</b>				<b>9781.89</b>	<b>0.00</b>	<b>9781.89</b>
<b>The 11535.03 Lakhs amount has been ringfenced in UAD Bank Account ICICI Bank (777301000149)</b>						

Sr No.	Project Name	ULB Name	Ring Fenced Amount (Bank Name & Account No.)	Project Cost	Amount credited in Ringfenced account (Lakhs)	Balance amount to be Ringfenced (lakhs)
A	B	C	D	E	F	G=(E-F)
1	Construction of STP work (Proposed: AMRUT 2.0)	Korba	Axis Bank (918010068111103)	10550.00	2110.00	8440.00
2		Bhilai	HDFC Bank (50100578191610)	23000.00	4600.00	18400.00
3		Durg	IDBI Bank (525104000439602)	12000.00	2400.00	9600.00
4		Ambikapur	HDFC Bank (50100497160514)	10000.00	606.00	9394.00
5		Rajnnadgaon	IDFC First Bank (89074032821)	9000.00	1800.00	7200.00
<b>TOTAL</b>				<b>64550.00</b>	<b>11516.00</b>	<b>53034.00</b>
<b>State share has been ringfenced in UAD Bank Account Bank of Maharashtra (60462679736)</b>					<b>11684.00</b>	<b>Balance to be ringfenced =53034-11684=41350</b>
<b>Amrut 2.0 project are in DPR making and sanctioning process. ULB share and 50% of the State share deposited in the ring-fenced account. Balance amount will be ring fenced w.r.t. the matching share of central fund.</b>					<b>21514.52</b>	<b>Central share pending for approval</b>

# Details of the Ringfenced Amount

Sr No.	Project Name	ULB Name	Ring Fenced Amount (Bank Name & Account No.)	Project Cost	Amount credited in Ringfenced account (Lakhs)	Balance amount to be Ringfenced (lakhs)
A	B	C	D	E	F	G=(E-F)
1	Construction of STP work (Ongoing)	NRDA 02 STPs-20.0 MLD	State Bank of India (30076114224)	7405.00	7405.00	0.00
2		Bilaspur Smart City Ltd. 03 STPs-22.0 MLD	IndusInd Bank (154710000786)	3002.63	3002.63	0.00
<b>TOTAL</b>				<b>10407.63</b>	<b>10407.63</b>	<b>0.00</b>

Sr No.	Project Name	ULB Name	Ring Fenced Amount (Bank Name & Account No.)	Project Cost	Amount credited in Ringfenced account (Lakhs)	Balance amount to be Ringfenced (lakhs)
A	B	C	D	E	F	G=(E-F)
1	Solid & Liquid Waste Management	Rajya Swachh Bharat Mission (Grameen)	ICICI Bank (390701000150)	40000	32778	7222

Summary		
Action Point	March 2023	March 2024
Amount to be Ringfenced by State as per NGT	100000.00 Lakhs	100000.00 Lakhs
Amount Ringfenced by UAD	57811.62 Lakhs	57811.62 Lakhs
Amount Ringfenced by Rural	23448.00 Lakhs	32778.00 Lakhs
Amount Ringfenced by State	81259.62 Lakhs	90589.62 Lakhs
Balance amount to be ringfenced	18740.38 Lakhs	9410.38 Lakhs



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**Accolade's**

## Accolade's: SS2023

Sr. No.	ULBs	Achievement
1	Raipur	5 Star Clan City within Chhattisgarh (population > 1 Lakh)
2	Patan	All India Clean City Rank 2 (population < 1 Lakh)
3	Mahasamund	Clean City (East Zone) (Population between 50,000-1,00,000)
4	Kumhari	Clean City (East Zone) (Population between 25,000-50,000)
5	Arang	Clean City (East Zone) (Population between 15,000-25,000)



## Accolade's: SS2023

### Star Rating Performance (Swachh Survekshan - 2023)

