

DATA COLLECTION MECHANISM OF RESIDUALS AND THEIR CHALLENGES



JULY , 2023

Sources of Data for Residuals

- ❑ Annual Report on Implementation of Plastic Waste Management and Solid Waste Management
- ❑ Centralized EPR portal for Plastic Packaging
- ❑ Single use plastic Compliance Monitoring Portal
- ❑ Orders and Directions issues by Hon'able Courts in various matters

LEGAL FRAMEWORK

- ❑ As per provision 17(3) of Plastic Waste Management Rules, 2018 (as amended) State Pollution Control Board or Pollution Control Committee shall prepare and submit an annual report in Form VI to the CPCB on the implementation of PWM Rules.
- ❑ As per provision Rule 24.(3) of Solid Waste Management Rules, 2016, Each State Pollution Control Board or Pollution Control Committee as the case may be, shall prepare and submit the consolidated annual report to the Central Pollution Control Board and Ministry of Urban Development on the implementation of these rules and action taken against non complying local body by the 31st day of July of each year in Form-V.
- ❑ As per Schedule-II of PWM Rules (Guidelines on EPR for Plastic Packaging) “ Centralized EPR Portal” is to be developed for registration of PIBOS and PWPs and compliance of EPR target for plastic packaging.

Data of Plastic waste as per Annual report 2020-21

Sl. No	Item	TPA	Remarks
1	Estimated Plastic Waste Generation (TPD)	4126997	Based on data provided by 35 states/UTs
2	Plastic waste used in Recyclers	539447	Based on data provided by 16 states/UTs (Odisha, Tripura, Tamil Nadu, Madhya Pradesh, Maharashtra, Kerala, Jharkhand, Pondicherry, Himachal Pradesh, Bihar, Arunachal Pradesh, Karnataka, Manipur, Mizoram, Delhi)
3	Plastic waste used Co-processing	250705	Based on data provided by 14 (Odisha, Tamil Nadu, Madhya Pradesh, Uttarakhand, Maharashtra, Kerala, Pondicherry, Gujarat, Assam, Karnataka, Uttar Pradesh, Mizoram, Rajasthan)
4	Plastic waste used in RDF	1354 32	Based on data provided by 3 states (Uttarakhand , Maharashtra, Chandigarh)
6	Plastic waste used in road making	31578.3	Based on data provided by 10 states (Tripura, Tamil Nadu, Madhya Pradesh, Maharashtra, A&N, Arunachal Pradesh, Haryana, Nagaland)
7	Other including Pyrolysis	152017	Based on details provided by 3 states/UTs (Maharashtra, West Bengal, A&N)

Data of Solid Waste as per Annual Report 2020-2021

Sl. No	Item	Quantity
1	Solid Waste Generated (TPD)	1,60,038
2	Solid Waste treated(TPD)	79,956
4	Solid Waste landfilled(TPD)	2,9427
5	States /UTs having Door to Door Collection facilities	12
6	States/UTs having facilities for RDF pelletizaton	14
7	States/UTs in which composting facilities have started	35
8	States having Operational landfills	12
9	Number of Legacy Waste Dumpsite	3177
10	Number of dumpsites cleared	781
11	Number of dumpsites where biominig has been initiated	867

Challenges

- ❑ Submission of partial and incomplete information at various levels
- ❑ Irregularities in the submission of report every year by state boards.
- ❑ Information is collected not from the point of origin of waste but from secondary locations such as treatment facilities, landfills, dumpsites, etc.
- ❑ Strong presence of informal sector results in removal of valuable components such as glass and metals and recyclable plastics, from the system at various points.

Challenges

- ❑ Very long channel for relay of information
 - Operator of facility submits information to Local Bodies
 - Local Bodies submits information to SPCBs/ PCCs and Secretary-In-charge of Department of Urban Development
 - SPCBs/ PCCs submits to CPCB
- ❑ Limited infrastructure at operator level such, as unavailability of system of weighing
- ❑ Limited knowledge and information at operator level such as components of solid wastes like plastic, organics, inerts, etc.

CENTRALISED EPR PORTAL FOR PLASTIC PACKAGING



Following data is available on Centralized EPR Portal

- ❑ Details and status of Application for registration of PIOBs and PWPs
- ❑ Category wise EPR target and Processing Capacity
- ❑ Details of EPR Certificates generated, transferred and available by PWPs in each Category and type of Plastic processing.

STATUS OF EPR REGISTRATION OF PIBOS & PWPS

Status	PIBOs			PWP
	CPCB	SPCB	Total	
Received	334	624	958	62
Registered	11056	10145	21201	1990
In Progress	365	1165	1530	104
Not Approved	95	750	845	314

PWP PROCESSING CAPACITY VS EPR TARGET (FY2022-23)

Category	Capacity (Lakh TPA)	EPR Target (Lakh Tons)
Cat-I (Rigid)	50.03	13.35
Cat-II (Flexible)	73.3	14.39
Cat-III (MLP)	60.4	5.65
Cat-IV (Compostable)	9.5	0.03
Total	193.48	33.43

CERTIFICATE AVAILABILITY ON EPR PORTAL

Certificate Type	EPR Certificates (Available) (T)	EPR Certificates (Transferred) (T)	EPR Certificates (Total) (T)
Cat I(Recycling)	197775	495168	692943
Cat II(Recycling)	92414	472672	565086
Cat III(Recycling)	15723	74400	90123
Cat IV(Recycling)	396	319	715
Cat I(EOL)	49024	13524	62548
Cat II(EOL)	208776	148258	357034
Cat III(EOL)	341954	47085	389039
Cat IV(EOL)	133	5	138

SUP Compliance Monitoring Portal

Following data are available on SUP Portal

- ❑ Total No of Inspection carried out through the country for implementation on SUP Ban
- ❑ State-wise report of inspection carried out by SPCB/PCCs, ULBs, quantity of banned SUP items seized & fine imposed.
- ❑ Details of inspection included Name and Address of Entity, date of inspection, violation type, quantity of SUP seized, Fine Imposed, Recommendation& Supplier/Customer Details.

Current status:

A total of 90851 entities were inspected and 26378 violations were reported during this period. Further, 180 T of banned plastic items were seized and a fine of Rs.15.9 Crore has been imposed so far

SUP Compliance Monitoring Portal



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List of State Reports

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S.No	State	No. of Inspection by SPCB/PCC	No. of inspection by ULB	Quantity of SUP Item Siezed(KG)	Fine Imposed(Rs)
1	ANDAMAN AND NICOBAR ISLANDS	0	51	0	0
2	ANDHRA PRADESH	0	98	11.8	1200
3	ARUNACHAL PRADESH	0	0	0	0
4	ASSAM	0	2	12	3500
5	BIHAR	0	14	49	5600
6	CHHATTISGARH	0	24	24	4000
7	CHANDIGARH	0	0	0	0
8	DELHI	0	474	340.99999999999994	117000
9	DADRA AND NAGAR HAVELI AND DAMAN AND DIU	0	0	0	0
10	GOA	0	0	0	0

S.No State No. of Inspection by SPCB/PCC No. of inspection by ULB Quantity of SUP Item Siezed(KG) Fine Imposed(Rs)

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SUP Compliance Monitoring Portal



List of State Reports

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MAHARASHTRA

06/20/2023



06/29/2023



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S.No	Entity Name	Category	Address	Date of Inspection	Violation type	Quantity of SUP Item siezed(Kg)	Fine imposed(Rs)	Closure Recommendation	Supplier Details / Customer Details
1	Sankalp Cotton Virar	Seller	Shop no 23, Mira Road East, Mira Bhayandar, Maharashtra 401107, India	2023-06-20	Non Woven Plastic Bags < 60 gsn	0	0		0
2	Any Packaging Virar	Seller	Punjab National Bank Bus Stop, Mira Road East, Mira Bhayandar, Maharashtra 401107, India	2023-06-20	Carry Bags<120 micron	0	0		0
3	no sup items found	Seller	Sughandhalaya, Pimpri Colony, Pimpri-Chinchwad, Maharashtra 411017, India	2023-06-21	No Sup Item Found	0	0		0
4	no sup items found	Seller	Bhat Nagar, Pimpri Colony, Pimpri-Chinchwad, Maharashtra 411017, India	2023-06-21	No Sup Item Found	0	0		0
			275/2, Laxmi Nagar,						

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THANK YOU