



Department of Environment  
Government of the National  
Capital Territory of Delhi



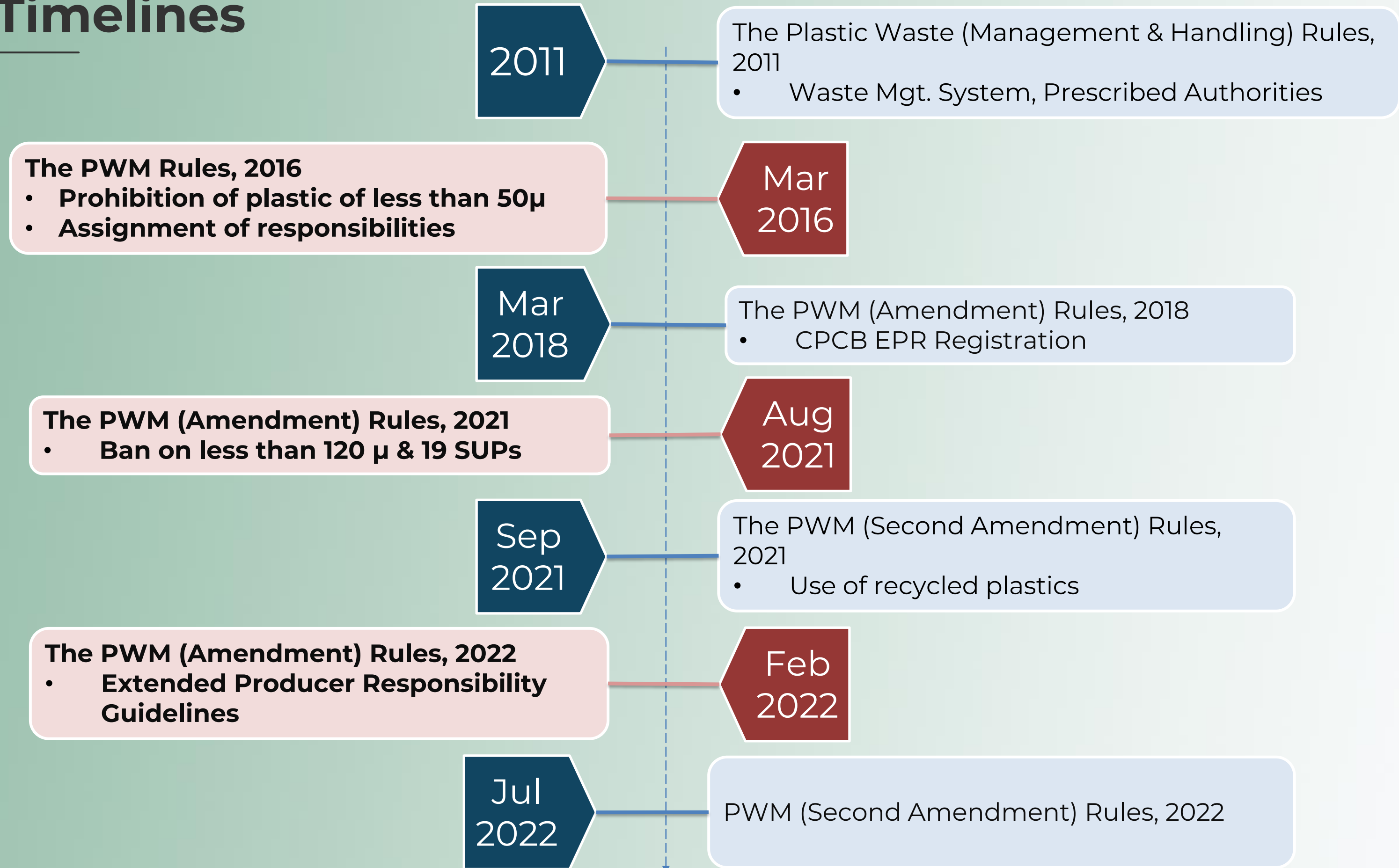
Delhi Pollution  
Control Committee

# Implementation of EPR and SUP Ban- Challenges and Agenda

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22<sup>nd</sup> November, 2022

# PWM Rules-Timelines





**Key**

# **Action Areas**



06

*Plastic Recycling Infrastructure and End of Life Disposal Facilities*



07

*Development & Promotion of Alternatives to prohibited SUPs*



08

*Data collection & Monitoring mechanism*



09

*Awareness Generation & Capacity Building*



10

*Use of Single Use Plastic items in Government offices*



01

*Policy and Regulatory Framework*



02

*Institutional Mechanism*



03

*Plastic Waste Management including Single Use Plastics*



04

*Management of littered SUPs*



05

*Enforcement of Ban imposed on Identified SUPs & PWM Rules*



# 1. Policy and Regulatory Framework

S.No	Action Point	Action Taken/Status
1.	Preparation of a Comprehensive Action Plan (CAP)	<ul style="list-style-type: none"><li>Prepared by DoE in Aug, 2021 and being implemented by Stakeholders concerned</li><li>Action taken being uploaded on the National Dashboard on monthly basis.</li></ul>
2.	Policy for effective enforcement of PWMR through byelaws of local bodies (like spot fines)	Notification of bye-laws is under process.



## 2. Institutional Mechanism

S.N	Major Action Point		Action Taken/Status
1.	State Special Force	Level Task	<p>Constituted under Chairmanship of Chief Secretary Delhi on 20.05.2021</p> <p>Significant decisions taken on issues including:</p> <ul style="list-style-type: none"><li>i. Plastic Waste monitoring dashboard</li><li>ii. ULB-wise Plastic Waste Task Forces</li><li>iii. Notification of bye-laws</li><li>iv. Various provisions for Alternative to SUPs manufacturers</li><li>v. Create a database of alternative SUP manufacturers</li><li>vi. Intensive Public Awareness drives through various media</li><li>vii. Special enforcement drives</li><li>viii. Stakeholders consultations towards identification / adoption of feasible alternatives</li></ul>



## 2. Institutional Mechanism

S.No	Major Action Point	Action Taken/Status
2.	Constitution of City Level Task Force  Setting up of plastic waste management cells	<ul style="list-style-type: none"><li>City Level Task Force (CLTF) and Plastic Waste Management Cell constituted by local bodies</li></ul>
3.	Constitution of District Level Task Force	District Level Task Forces constituted by Revenue Department, GNCTD
4.	Establishment of a state level Control Room to monitor the enforcement of SUP ban.	Control room has been set up on 01.07.2022 to monitor enforcement of SUP ban.





### 3. Plastic Waste Management including Single Use Plastics

S.N	Action Point	Action Taken/Status
1.	Assessment of plastic waste generation in State/UT, District-wise	<ul style="list-style-type: none"><li>CPCB : 644 TPD Plastic waste generation (2018-19)</li><li>GNCTD, Environment Dept study (2020) : 1060 TPD (10.10 % of MSW)<ul style="list-style-type: none"><li>Single Use Plastic waste : 587 TPD (5.6 % of MSW)</li></ul></li><li>Deduced from MSW data : PW - 1140 TPD (SUP – 632 TPD)</li></ul>
2.	Development of plastic waste monitoring dashboard showing daily generation, collection, segregation, recycling, processing and disposal to landfills	A common Plastic Waste Portal with dashboard created by MCD showing daily generation, segregation, recycling, processing & disposal

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Select Agency

Name of Agency

Contact no. of Agency

Total Plastic Waste Collection (in KGS)

Quantity of waste segregated (in KGS):

- Households
- Dhalaos
- FCTS
- Market/Commercial Establishments
- Bulk Waste Generators
- SLF
- Other

Quantity of recyclable waste (KGS)

Quantity of Non-recyclable waste (KGS)

Quantity of waste processed/Disposed (in KGS):

- SLF
- Energy Recovery
- Converted into granules and plastic products
- Inerts (disposal)
- Other

Submit

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☐ Dhalaos

☐ FCTS

☐ Market/Commercial Establishments

☐ Bulk Waste Generators

☐ SLF

☐ Other

Quantity of recyclable waste (KGS)

Quantity of Non-recyclable waste (KGS)

Quantity of waste processed/Disposed (in KGS):

- SLF
- Energy Recovery
- Converted into granules and plastic products
- Inerts (disposal)
- Other

Submit

Plastic Waste Portal

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### 3. Plastic Waste Management including Single Use Plastics

#### Inventorization and Status of Single use Plastic (SUP) in NCT Delhi : iForest- (Apr-May, 2022)

Composition of SUPs in residential/commercial wards and dumpsite



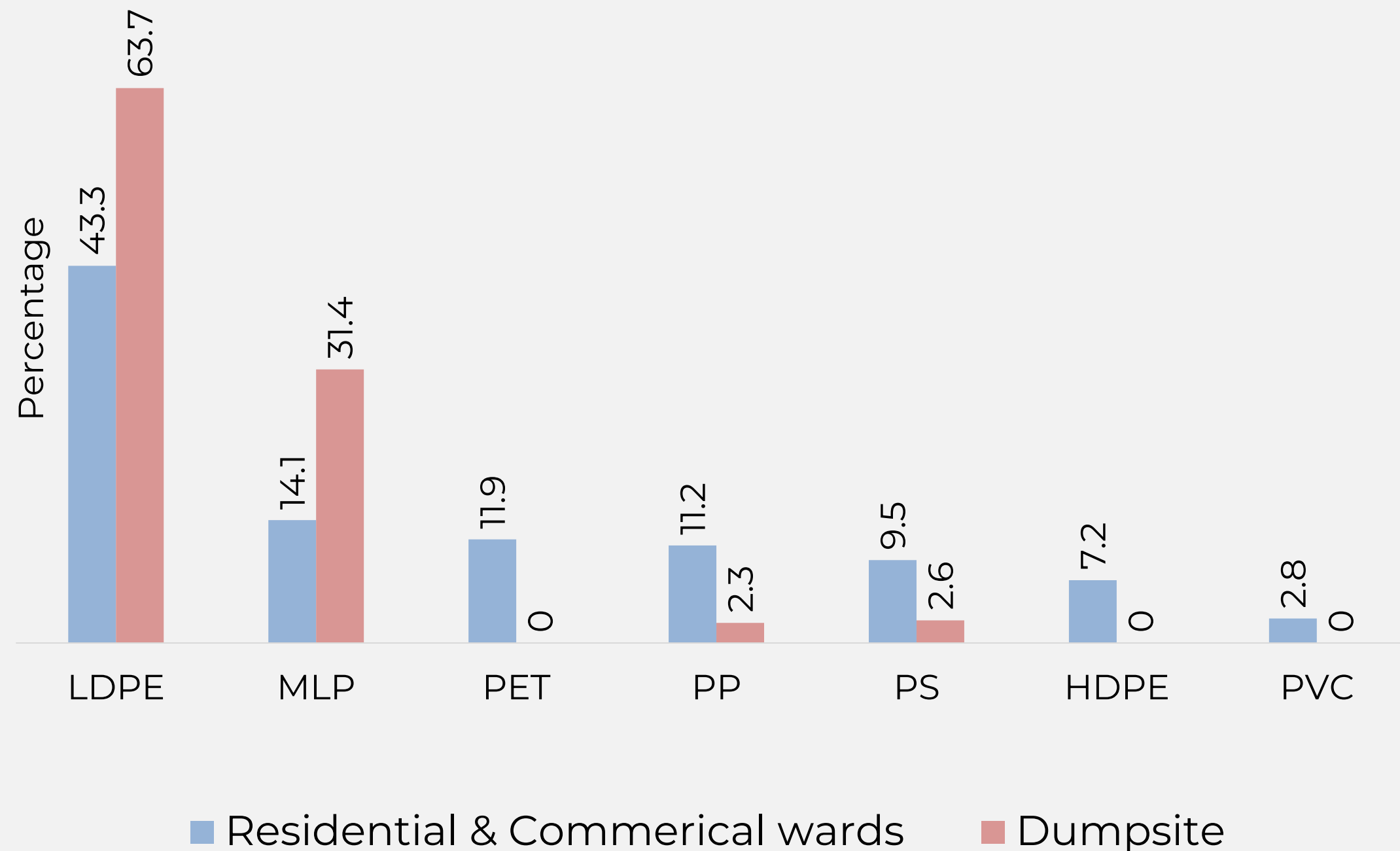




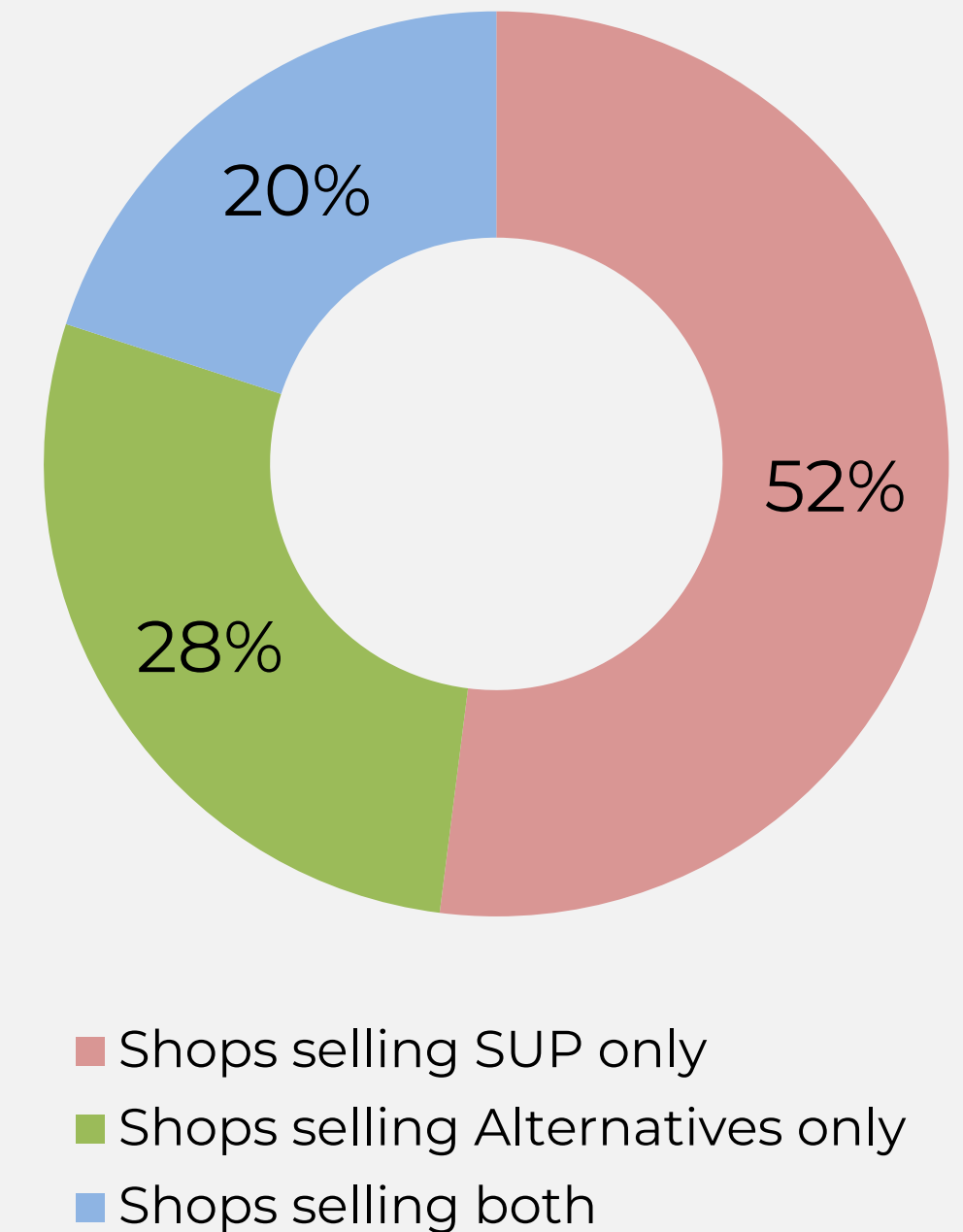
### 3. Plastic Waste Management including Single Use Plastics

#### Inventorization and Status of Single use Plastic (SUP) in NCT Delhi : iForest- (Apr-May, 2022)

Composition of plastic waste in residential/commercial wards and dumpsite



Sale of SUPs and alternatives

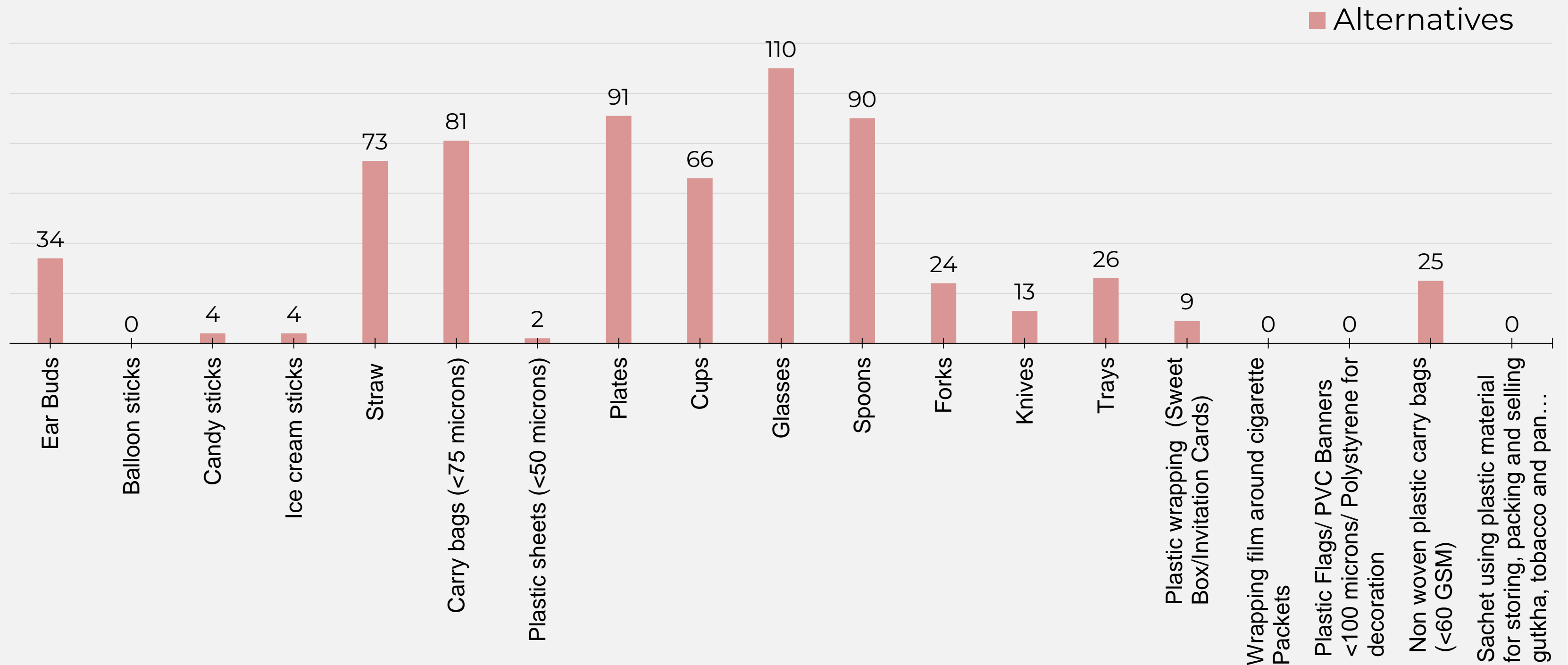




### 3. Plastic Waste Management including Single Use Plastics

#### Inventorization and Status of Single use Plastic (SUP) in NCT Delhi : Nov, 2022

Penetration of SUP Alternatives





### 3. Plastic Waste Management including Single Use Plastics

S.No	Action Point	Action Taken/Status
3.	Details of infrastructure at municipal level for collection, segregation and channelization of plastic waste to recyclers/EOLD	<ul style="list-style-type: none"><li>▪ Established collection Centres (FCTS/Dhalaos) as secondary storage points at various locations for channelizing the segregated plastic waste to kabadiwalas and authorized recyclers.</li><li>▪ MRFs in 157 locations (256 TPD):<ul style="list-style-type: none"><li>• 150 small MRFs of total 218 TPD at various locations</li><li>• 2 MRFs of 2 TPD each (Geeta Colony, Dilshad Garden)</li><li>• 2 MRFs of 3 TPD each (Patparganj, Semapuri)</li><li>• 1 MRFs of 5 TPD (Dwarka- Sec-29)</li><li>• 1 MRFs of 15 TPD (Raghubir Nagar)</li><li>• 1 MRFs of 8 TPD (Zakhira)</li></ul></li></ul>



### 3. Plastic Waste Management including Single Use Plastics

S.N	Action Point	Action Taken/Status
4.	Gap analysis and strategy for development of infrastructure for PWM	<ul style="list-style-type: none"><li>▪ Total plastic waste generation : 1100 TPD (approx.)</li><li>▪ 855 TPD is recycled /co-processed in existing 4 WTE plants.</li><li>▪ 245 TPD of plastic waste is disposed off at 3 dumpsites without any treatment and processing</li><li>▪ To fill the gap of 245 TPD : in process (4000 TPD SW/ 400 TPD PW)<ul style="list-style-type: none"><li>• Expansion of existing WTE of 1950 TPD at Okhla to 2950 TPD by Dec, 2023.</li><li>• 01 WTE Plant of 3000 TPD at Narela-Bawana by August, 2025.</li></ul></li></ul>



### 3. Plastic Waste Management including Single Use Plastics

S.No	Action Point	Action Taken/Status
5.	Leveraging of funds under Swachh Bharat Mission 2.0, as per guidelines	MoHUA has approved legacy waste proposals of 3 Dumpsites for about Rs. 800 Crore this year, 2022.



### 3. Plastic Waste Management including Single Use Plastics

S.N	Action Point	
6.	<p>Registration of Producers/Importers and Brand Owners and Recyclers and Plastic Waste Processors by DPCC.</p> <p>Development of database of PIBO implementing EPR</p>	<p>Following plastic packaging categories are covered under EPR:</p> <ul style="list-style-type: none"><li>▪ <b>Category I</b> : Rigid plastic packaging</li><li>▪ <b>Category II</b> : Flexible plastic packaging, plastic sheets or like and covers made of plastic sheet, carry bags (including carry bags made of compostable plastics), plastic sachet or pouches and</li><li>▪ <b>Category III</b> : Multilayered plastic packaging</li><li>▪ <b>Category IV</b> : Compostable Plastic</li></ul>





# Compliances under PWM and EPR:

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**EPR - responsibility of a producer for the environmentally sound management of the product until the end of its life.**

## **Entities responsible for EPR:**

- Producer (P)
- Importer (I)
- Brand owner (BO)

- PIBOs shall not carry out any business without registration.
- PIBOs shall not deal with any entity not obtained registration.
- Registration of such an entity would be revoked for a five-year period and /or penalty may also be imposed,
- If found that any registered entity has provided false information or has wilfully concealed information or there is any irregularity,
- The entities whose registration has been revoked shall not be able to register afresh for the period of revocation.

# Annual Returns

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- The PIBOs shall file annual returns on the plastic packaging waste collected and processed towards fulfilling obligations under EPR with the concerned CPCB/SPCB/PCC as per pro forma prescribed by CPCB by the 30 April of the next financial year.
- Information on the reuse and/or recycled content used for packaging purposes will also be provided.
- Details of registered recyclers from whom recycled plastic has been procured will also be provided.

# Verification and Audit

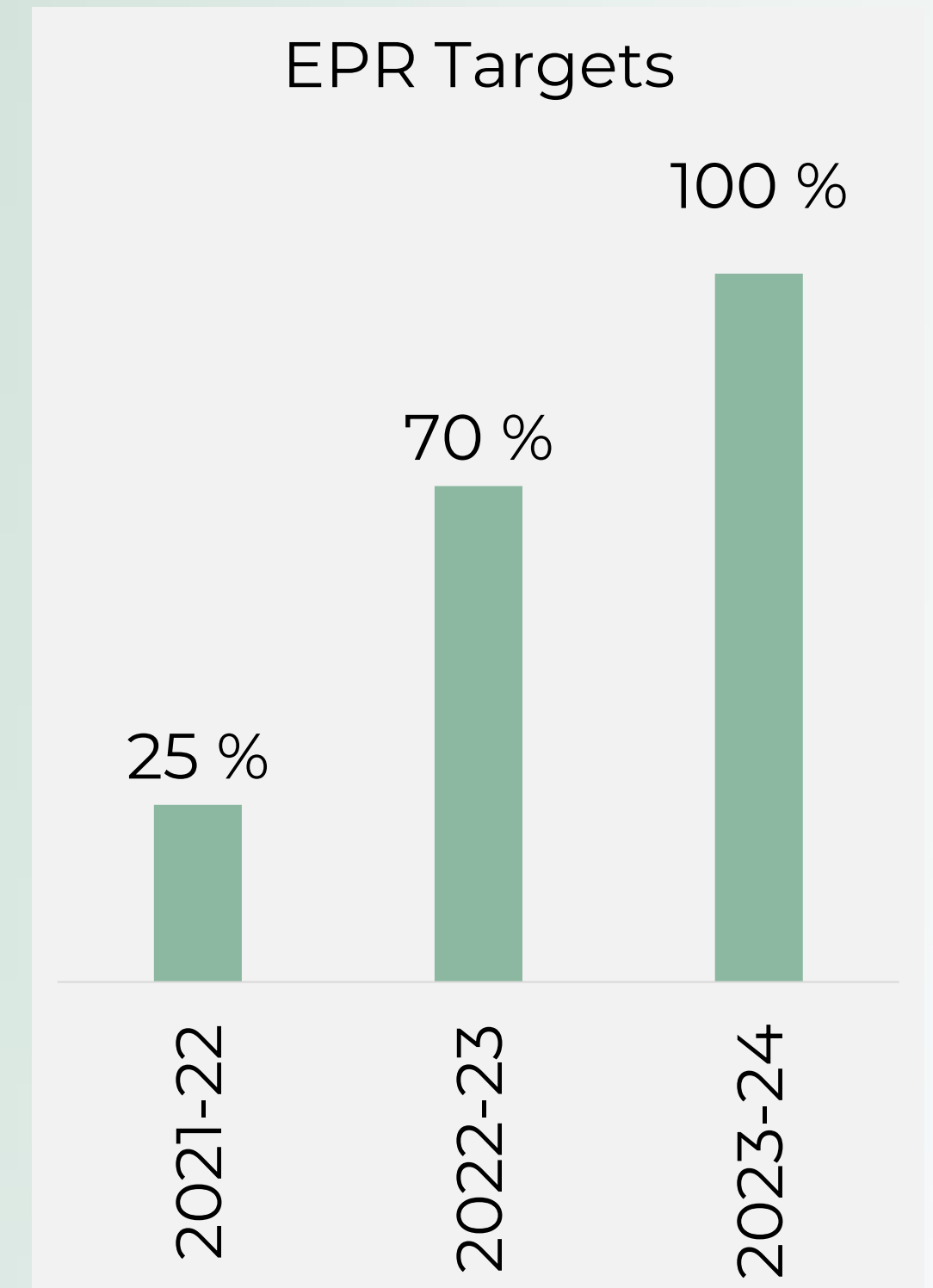
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- SPCB/PCC to verify compliance of PIBO through inspection and periodic audit
- Actions against violations and for non-fulfilment of EPR target, obligations and responsibilities shall be taken and EC may be imposed as per policy.
- Details provided by PIBOs and registered plastic waste processors will be cross-checked by the online portal. In case of difference, the lower figure would be considered towards fulfilment of EPR Obligation of PIBO.
- EPR certificates shall be subject to verification by CPCB/DPCC

# Actions on violations

Following activities shall be dealt with under Section 15 of EPA :

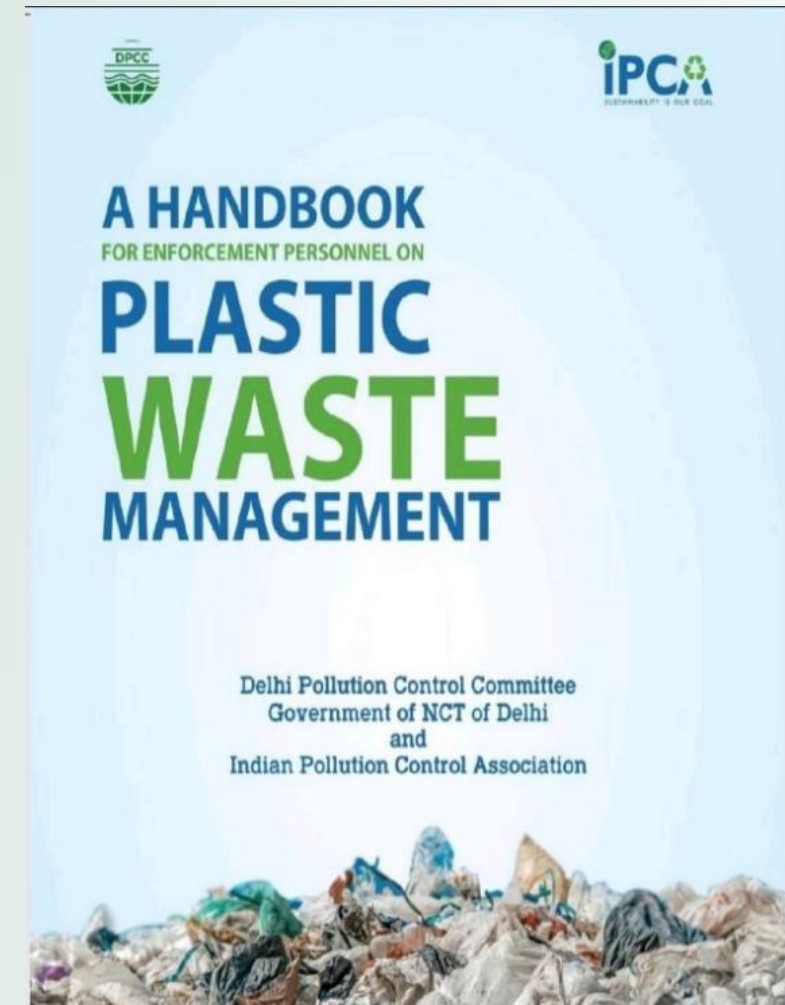
- Entities carrying out activities without registration under PWM Rules, 2016.
- Providing false information / willful concealment of material facts.
- Submission of forged/manipulated documents.
- Non-fulfillment of EPR targets/obligations under EPR guidelines.
- EC shall be levied by respective Pollution Control Boards on PIBOs





### 3. Plastic Waste Management including Single Use Plastics

S.No	Action Point	Action Taken/Status
6.	Registration of Producers/Importers and Brand Owners and Recyclers and Plastic Waste Processors by DPCC.	<ul style="list-style-type: none"><li>Centralized portal for Registration of PIBOs and recyclers and plastic waste processors (PWPs) developed by CPCB.</li><li>Fortnightly public notices in Dailies.</li><li>50 Industrial Associations on board</li><li>Awareness camps organized with industrial Associations.</li><li>Hand Book on PWM Rules released.</li></ul>
	Development of database of PIBO implementing EPR	<p>Status of Applications till Date:</p> <ul style="list-style-type: none"><li>Applications received (PIBO's)-519</li><li>Applications received (PWP's)-373</li><li>95 % applications decided (Granted/Rejected)</li></ul>



*Handbook on Plastic Waste Management*



## 4. Management of Littered SUPs

S.No	Major Action Point	Action Taken/Status
1.	Identification of littering hot spots with respect to SUP items and development of strategy for their collection and further management	<p>Established Collection Centres (FCTS/Dhalaos) as secondary storage points at various locations.</p> <p>Setup MRFs in 157 locations of 256 TPD</p> <p>50 markets declared as SUP free through awareness drive/campaigns.</p> <p>Challans on plastic littering.</p> <p>Periodic monitoring to track the progress of enforcement.</p>





## 4. Management of Littered SUPs

S. No	Action Point	Action Taken/Status
2.	<p>Identification of ingress points of littered single use plastic items in surface water bodies and drains and strategy for prevention.</p> <p>Phased plan for cleaning surface water bodies, and drains of floating singles use plastic items and their further management</p>	<ul style="list-style-type: none"><li>▪ DJB rejuvenating around 523 Nos water bodies.</li><li>▪ Desilting of drains on continuous basis.</li><li>▪ Plastic waste recovered from cleaning of drains disposed off at Waste Processing Facility/ dumping ground.</li><li>▪ Informative boards installed around water bodies for preventing dumping.</li><li>▪ Pilot project: CCTV cameras installation at selected drains.<ul style="list-style-type: none"><li>• Cameras installed at 5 drains : Rithala Road Drain Budh Vihar Phase I, Distt. Park Drain GH-12, C-block Sultanpuri Main nalla, Subdhra Colony Nalla and Village Singhola to FC drain.</li><li>• 3 drains at August Kranti Marg Nallah, Chirag Delhi Village Nallah and M Block Nallah Saket. (in process)</li></ul></li><li>▪ Challans Rs. 50,000/- for causing pollution into drains under directions issued by NGT in O.A. 06/2012.</li></ul>



## 4. Management of Littered SUPs

S.No	Action Point	Action Taken/Status
3.	Implementation of plan to manage legacy plastic waste - location-wise	<ul style="list-style-type: none"><li>▪ Empaneled Waste Management Agencies (WMAs) at landfill/dumpsites to collect, lift and transport RDF/plastics.<ul style="list-style-type: none"><li>• Okhla dumpsite- 15 WMAs</li><li>• Bhalswa dumpsite- 11 WMAs</li><li>• Ghazipur dumpsite - 4 WMAs</li></ul></li><li>▪ Remediation of legacy waste at 3 dumpsites through <b>44 trommels</b> wherein plastic waste (RDF) is being sent to Waste to Energy plants for co-processing.</li><li>▪ <b>Biomining of Legacy waste: 21 % (59 Lacs MT) completed of 280 Lacs MT.</b></li><li>▪ <b>Timeline for bio-mining and remediation of entire legacy waste:</b><ul style="list-style-type: none"><li>• Okhla dumpsite – September- 2023</li><li>• Bhalswa dumpsite – December, 2023</li><li>• Ghazipur dumpsite – March, 2024</li></ul></li></ul>



## 5. Enforcement of Ban Imposed on Identified SUPs & PWM Rules

S.No	Action Point
1.	Constitution of special enforcement teams with members from DPCC, District Authorities and Local bodies.
	Regular enforcement drives and action against violations wrt banned SUPs and PWM Rules in industrial and non conforming/residential area.
	Enforcement drive to check for illegal manufacture of light weight plastic carry bags and banned single use plastic items.
	Action Taken <ul style="list-style-type: none"><li>▪ <b>Constitution of Special teams for enforcement</b><ul style="list-style-type: none"><li>• Revenue Department : 33 teams</li><li>• DPCC : 15 teams</li><li>• MCD: 125 teams</li></ul></li></ul>

Enforcement drives 1 <sup>st</sup> July, 2022 Onwards	Total
No of entities Inspected	32323
No of Defaulters	8342
Qty Seized (Kg)	34.86 Tons
No. of EC/ Challans issued	3233
Amount of EC/Challans issued (In Rs)	1.98 Cr



## 5. Enforcement of Ban Imposed on Identified SUPs & PWM Rules

S.No	Action Taken : DPCC
2.	<p>Industrial areas and Redevelopment areas being inspected to identify units operating without Consent/ Registration and also units engaged in manufacturing of identified SUPs for ban.</p> <ul style="list-style-type: none"><li>• Total 9 Areas (6 Industrial and 3 Redevelopment Areas) completed.</li><li>• Apart from these, more than 250 units were also inspected during last 2 months .</li><li>• More than 3250 units were surveyed in these 9 areas.</li><li>• 13 units found engaged in manufacturing of banned 19 SUP items, and closed.</li></ul>



## 5. Enforcement of Ban Imposed on Identified SUPs & PWM Rules

S.No	Action Taken : DPCC
3.	<ul style="list-style-type: none"><li>• Around 1750 grievances received on CPCB complaint portal till date and more than 90 % redressed.</li><li>• Regular inspections are being conducted by DPCC, ULB and Revenue Deptt.</li><li>• More than 1300 inspections uploaded on CPCB's SUP Field Inspection Mobile App (highest by any State/ UT).</li><li>• DPCC awarded work to M/s Shriram Institute for Industrial Research to carry out market survey on availability of alternatives to SUP items.</li><li>• Shriram Institute for Industrial Research provided a list of around 200 units, where banned SUP items are being noticed by them, accordingly action has been taken by DPCC.</li></ul>



## 6. Plastic Recycling Infrastructure and End of Life Disposal Facilities

S.No	Action Point	Action Taken/Status
1.	Development of database of recyclers of plastic category wise and also EOLD entities including recycling capacity	<ul style="list-style-type: none"><li>▪ CPCB has launched a centralized portal for Registration of PIBOs and PWPs (Recyclers, Co-processing, Waste to Energy, Waste to Oil etc.)</li><li>▪ To apply for Registration with the prescribed Application and Annual Processing Fees at portal <a href="http://www.cpcbepwplastic.in">www.cpcbepwplastic.in</a></li></ul>
2.	Development of plan for setting up recycling facilities	<ul style="list-style-type: none"><li>▪ Proposed facilities :<ul style="list-style-type: none"><li>• 100 TPD – 1 MRF (Tehkhand, Okhla)</li><li>• 150 TPF – 1 MRF (Bhalaswa Dairy)</li><li>• 50 TPD – 1 MRF (Tikri)</li></ul></li><li>▪ MCD is planning to set up MRF in each municipal ward</li></ul>





## 6. Plastic Recycling Infrastructure and End of Life Disposal Facilities

S.No	Action Point	Action Taken/Status
3.	Development of infrastructure for EOLD - Waste to oil, waste to energy, road construction, co processing cement kilns	<ul style="list-style-type: none"><li>Existing 4 WTE plants of 8150 TPD<ul style="list-style-type: none"><li>1950 TPD at Okhla</li><li>2500 TPD at Bawana</li><li>1300 TPD at Ghazipur</li><li>2400 TPD at Tehkhand for processing of RDF and non-recyclables for energy recovery.</li></ul></li><li>Proposed WTE plants and expansion projects : 4000 TPD<ul style="list-style-type: none"><li>01 WTE Plant of 3000 TPD at Narela-Bawana by August, 2025.</li><li>Expansion of existing WTE of 1950 TPD at Okhla to 2950 TPD by Dec, 2023</li></ul></li><li>EOLD is also collected by recyclers/WMAAs at 3 Dumpsites for co-processing into granules &amp; plastic products.</li></ul>



## 7. Development and Promotion of Alternatives to Prohibited SUPs

S.No	Action Point	Action Taken/Status
1.	<p>Research and Development on creating alternative packaging materials to plastic</p> <p>Scheme for promotion of recycling technologies and products made from recycled plastics</p> <p>Incorporation of special provisions for alternative products from NE India</p>	<p>List of compostable plastic products (198 units) certified by CPCB is uploaded on DPCC's website.</p> <p>Policy on increasing adoption of Alternatives to Single Use Plastics (SUPs) to promote manufacturers/startups/SHGs involved in supply of such alternatives.</p> <p>Committee to study and recommend provisions for policy constituted</p> <ul style="list-style-type: none"><li>• Production Based Monetary Incentives proposed</li><li>• Setting up of manufacturing hubs</li><li>• Sales and production based incentives</li><li>• Buyback policy at local body level</li><li>• Providing dedicated manufacturing areas in industrial hubs</li></ul> <p>North Eastern states and North Eastern Council, Govt. of India requested to share details on suppliers of identified alternatives to SUPs.</p>



## 7. Development and Promotion of Alternatives to Prohibited SUPs

S.No	Action Point	Action Taken/Status
2.	ULB to make all markets plastic free	MCD has selected 50 markets (for declaring as SUP free markets).
3.	Setting of Refill Stores for Grocery at Kendriya Bhandars/ Markets	MCD is exploring possibility of refill stores at Kendriya Bhandars/ Markets.

- 350 Vikalp Stalls : at market/sabzi mandis providing low cost cloth/paper bags.
- One Nigam Haat at Central Market Lajpat Nagar for providing corn starch based plastics.
- Zero Waste Colony Campaign (New Friends Colony, Navjeevan Vihar, West End) and many more such colonies are in pipeline.
- MCD exploring installation of Reverse Vending/ Plastic Shredder Machines at high footfall locations aiming to providing incentives to citizens ranging from Cash back coupons, discount vouchers, free Wifi, and free mobile charging in lieu of Plastic Bottles, Cans etc.



## 7. Development and Promotion of Alternatives to Prohibited SUPs

S.N	Action Point	Action Taken/Status
4.	<p>Promotion scheme for alternatives to prohibited single use plastic items</p> <p>Providing incentives for penetration of alternatives in the market</p>	<ul style="list-style-type: none"><li>▪ Incentive scheme for already existing products<ul style="list-style-type: none"><li>• Sales linked incentive scheme</li><li>• Production linked incentive scheme</li><li>• GST reimbursement</li></ul></li></ul>



## 7. Development and Promotion of Alternatives to Prohibited SUPs

S. No	Action Point	Action Taken/Status
5.	Setting of Bartan Bhandars in Schools/Charitable institutions	<p>Bartan Bhandars :</p> <ul style="list-style-type: none"><li>• MCD : 33 locations.</li><li>• Education Department: 2223 Schools</li></ul> <p>Awareness Campaign and activities were conducted in all Govt./Govt. Aided/Pvt. Unaided recognized schools of DoE, GNCT of Delhi.. Total Students Participated 14,50,855</p>



## 7. Development and Promotion of Alternatives to Prohibited SUPs

S. No	Action Point	Action Taken/Status
6.	Identification of people who have developed sustainable alternatives as brand ambassadors.	<ul style="list-style-type: none"><li>i. Dr Ruby Makhija, Brand Ambassador of MCD &amp; RWA Secretary of Navjeevan Vihar- Setup of Vikalp Stalls in various markets for providing low cost upcycled cloth bags and paper bag</li><li>ii. ITC WOW (NGO) – Nigam Hat for providing corn starch-based plastics</li><li>iii. Snehlata Rathi, RWA President of D-6 Santushti Appartment Vasant Kunj – Made Eco Bricks, Flower bed edges, walls, benches etc. from SUPs</li><li>iv. Sangeeta Talwar, RWA Secretary of D1-60 Saket - Constructed eco-brick wall with SUPs and construction material</li><li>v. Ruchi Singhal, RWA Secretary of Sarita Vihar – Member of Inner Wheel Club and making eco-bricks and distribution of cloth bags.</li><li>vi. Archana Rungta, Dharti ke Prahari (NGO) – Opened Bartan Banks in Sarita Vihar and Lajpat Nagar, old book library, plastic campaigns, Making G Pocket Sarita Vihar a zero waste colony, used tyres and plastic bottles for plantation.</li></ul>





## 8. Data Collection and Monitoring Mechanism

S.N	Action Point	Action Taken/Status
1.	<p>Online public grievance / complaints portal.</p> <p>To ensure grievance raised in SUP App or any other similar App available with the ULBs / DPCC (Green Delhi App) are resolved in time bound manner.</p>	<ul style="list-style-type: none"><li>▪ To facilitate prompt Grievances disposal w.r.t. banned SUPs and carry bags : redressal within 2 days.<ul style="list-style-type: none"><li>• Department of Environment/DPCC: Green Delhi Application (Public Notices and SMS have also been sent)</li><li>• MCD: 311 Smart City App</li></ul></li><li>▪ Around 1750 grievances received on CPCB complaint portal till date and more than 90 % redressed.</li></ul>



## 8. Data Collection and Monitoring Mechanism

### Research and Development study on Single Use Plastics

1. Environment Department floating RFP to conduct various R & D studies on plastic pollution.
  - i. **Study on Single-Use Plastics in Delhi**
    - To propose and evaluate alternatives to SUPs
    - To suggest a future roadmap to contain SUP's and encourage the use of viable alternatives.
  - ii. **Study on Microplastics in Yamuna River and Ground Water in Delhi**
    - Assessment of water quality of the stretch of Yamuna River and groundwater in Delhi with special reference to the presence of microplastic.
    - To develop an Action plan including clear enforcement strategies to reduce concentration of Microplastic in groundwater as well as River Yamuna.



## 9. Awareness Generation and Capacity Building

S.No	Action Point	Action Taken/Status
1.	Preparation of road map for awareness generation activities at State, District and ULB/GP level for citizens, institutional waste generators, RWAs/Market associations	IEC plan prepared in Aug, 21 containing specific objectives, channels/ deliverables, targeted audience with frequencies of campaigns, earmarked for various themes such as alternatives to plastics, phasing out of multi-layered packaging, registration/ consent/ EPR, discouraging use of SUPs, littering of plastics etc.

### Major themes covered under IEC plan

Waste Segregation	Plastics should not be less than 75 microns (Also, marking or labelling on carry bags)	Discouraging use of single use plastics and encourage use of alternatives	Plastic Bags (Harmful impacts and feasible alternatives)	Discouraging decoration items such as Polystyrene/ Thermocol
Discouraging SUPs in food packaging (Ice-cream sticks, candy sticks, straws, lids, trays, cutleries)	Discouraging Plastic/ PVC Banners	Discouraging packaging films used in cigarette packets, sweet boxes, invitation cards	Clean-up Campaign	Open Waste/ Plastic Burning
Littering of plastics	Reuse Plastic waste (Best out of waste)	Reduce Plastic Items (SUP) in office premises	Phasing out of Multi-layered packaging	Responsibilities of retailers and street vendors





# 9. Awareness Generation and Capacity Building

## 1. Promotion of alternatives to prohibited single use plastic items: Environment Dept.

- i. One day exhibition on alternatives to SUPs conducted on 25.05.2022. (15 exhibitory stalls)
- ii. “Plastic Vikalp Mela” during 1<sup>st</sup> to 3<sup>rd</sup> July, 2022 to promote start-ups/ entrepreneurs/ SHGs/ traders/ manufacturers/ associations/ institutions etc. who are involved in supply chain and production of alternatives to SUPs.
- iii. Exhibited and showcased alternative plastic products / alternatives to SUPs.
- iv. Comprehensive Database being compiled on SUPs alternative suppliers for publicity.







# 9. Awareness Generation and Capacity Building

## Plastic Vikalp Mela







## 9. Awareness Generation and Capacity Building

### 4. Capacity building of ULBs, Enforcement officials and Eco clubs for PWM : Dept. of Environment

Weekly sensitization programs with different target audience in collaboration with reputed training partners

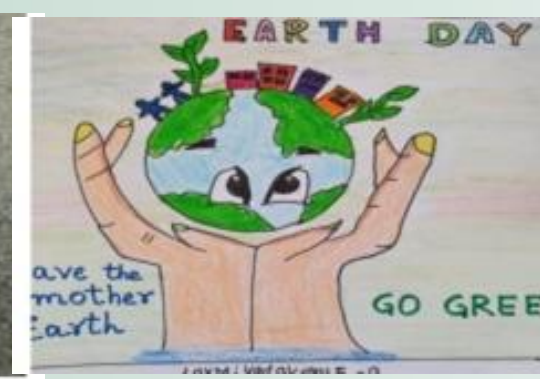
S. No.	Period/Date	Target Audience
1	16.03.2022	ULBs Officials
2	08.04.2022	Industrial Association and commercial units
3	18.04.2022	Eco-club school/ college students
4	29.04.2022 (International Conference in collaboration with UNEP- India)	ULBs, Revenue Department, DPCC, Education, NGOs and other stakeholder Departments (A handbook on PWM Rules released)
5	04.05.2022	ULBs enforcement officers
6	13.05.2022	ULBs, Revenue Department, DPCC (Enforcement officers)
7	31.05.2022	RWAs
8	10.06.2022	Eco clubs Schools and colleges
9	29.06.2022 & 08.07.2022	ULBs, Revenue Dept., DPCC, Education, NGOs and other stakeholder Dept.
10	16.08.2022	Market Traders Associations and Industrial Associations
11	07.10.2022	MCD, Revenue Department and DPCC officials (Staff members and enforcement officials)



# 9. Awareness Generation and Capacity Building

## 6. Eco club activities: Education Department

1. Total Number of Schools participated: 2720 (Students Participated: 1123419)
  - **Themes:**
    - i. Waste segregation
    - ii. Discouraging use of Single Use Plastic and encourage use of alternatives
    - iii. Plastic Bags (harmful effect and feasible alternatives)
    - iv. Littering of Plastics
    - v. Reuse Plastic Waste (Best Out of Waste)
  - **Mode:** Pledge, Short Videos/Documentary, Poster making, slogan writing, Lectures by HoSchool/Eco-Club in charge/Teachers, E-Broachers/E-Booklets, Workshop/Campaign/Training/webinar/Seminar, Rally and Nukkad Natak.







## 10. Use of Single Use Plastic items in Govt. offices

- Advisory issued on phasing out SUPs in government offices of Govt. of NCT of Delhi on 28.10.2021 and recirculated on 14.03.2022.
- Directorate of Education and Directorate of Training and Technical Education requested on 24.02.2022 for wider publicity among school/colleges.
- GAD has issued order on 20.05.2022 regarding complete ban on identified SUPs including water bottles and other items in Delhi Secretariat.



Department of Environment  
Government of the National  
Capital Territory of Delhi



Delhi Pollution  
Control Committee

# Thank You