

# **COMPREHENSIVE ACTION PLAN FOR PHASING OUT OF IDENTIFIED SINGLE USE PLASTICS IN GOVERNMENT OF INDIA NOTIFICATION DATED 12.08.2021**

## **A. Background**

### **1. Plastic Waste Management Rules, 2016**

The Ministry of Environment, Forest and Climate Change has notified Plastic Waste Management Rules, (PWM) 2016, for handling plastic waste in an environmentally sound manner. The PWM Rules prescribe the responsibilities of local bodies to develop and set up infrastructure for segregation, collection, storage, transportation, processing, and disposal of plastic waste. The Rules also prescribe that Secretary in charge of Urban Development of the State or Union Territory shall be the authority for enforcement of the provisions of the Plastic Waste Management Rules. The Plastic Waste Management Rules, 2016, also mandate a State Level Monitoring Committee for the purpose of effective monitoring of implementation of the Rules. These Rules prohibit plastic carry bags and plastic sheets with thickness less than fifty microns.

### **2. Nodal Department:**

As per the Plastic Waste Management Rules, 2016, LSG Department is the nodal Department for implementation of the said Rules in the State.

### **3. Notification for ban on Single Use Plastic Items dated 12.08.2021:**

Further, the Ministry has issued notification on dated 12<sup>th</sup> August 2021 for amending the Plastic Waste Management Rules, 2016, with respect to prohibiting identified Single Use Plastic (SUP) items from 1<sup>st</sup> July, 2022. The main directions are as under:

Sub-rule 2 of rules 4 of Plastic Waste Management Rules, 2016 has been inserted:

**“The manufacturing, import, stocking, distribution, sale and use of following single-use plastic commodities shall be prohibited from 1<sup>st</sup> July, 2022:**

- Ear buds with plastic sticks, plastic sticks for balloons, plastic flags, candy sticks, ice-cream sticks, polystyrene [Thermocol] for decoration.
- Single-use plastic (including polystyrene and expanded polystyrene) items: plates, cups, glasses, cutlery such as forks, spoons, knives, straw, trays, wrapping/packing films around sweet boxes; invitation cards; and cigarette packets, plastic/PVC banners less than 100 micron, stirrers.
- The above provision shall not apply to commodities (including carry bags) made of compostable plastic material.”

#### **4. Standard Guidelines for elimination of Single Use Plastic issued by MoEF&CC:**

The Ministry of Environment and Forests has issued Standard Guidelines for phasing out of Single Use Plastic. Guidelines states that Awareness generation on plastic waste management and reducing the use of single use plastic items will be important in bringing about behavioral change. Strong public movement for mitigation of plastic pollution is to be created by involving educational institutions (schools, colleges, universities etc.), NCC, NSS, Scouts, Youth Clubs, Eco-Clubs, Opinion Makers and Voluntary Organizations through urban local bodies.

#### **5. Ban on Plastic Carry Bags:**

Much before the notification of Government of India, Government of Rajasthan has issued order for the complete ban on Plastic carry bags vide order dated 21<sup>st</sup> July, 2010. An amendment has been issued on 15<sup>th</sup> September, 2021 which allows use of compostable Plastic Carry bags.

#### **B. Constitution of Special Task Force:**

Ministry of Environment and Climate Change vide letter No. 17/6/2021-HSMD dated 25/3/2021 has directed all states to constitute a Special Task Force under the Chairmanship of the Chief Secretary for the

preparation of a Comprehensive Action Plan for elimination of Single Use Plastic and monitoring the implementation of provisions of Plastic Waste Management Rules, 2016. Vide order dated 01/07/2021 Government of Rajasthan has constituted the Special Task Force under chairmanship of Chief Secretary as under:

1	Chief Secretary, Government of Rajasthan	Chairperson
2	Addl. Chief Secretary/ Principal Secretary/ Secretary School Education Department	Member
3	Addl. Chief Secretary/ Principal Secretary/ Secretary, Environment Department	Member
4	Addl. Chief Secretary/ Principal Secretary/ Secretary Urban Development and Housing Department	Member
5	Addl. Chief Secretary/ Principal Secretary/ Secretary Science and Technology Department	Member
6	Addl. Chief Secretary/ Principal Secretary/ Secretary Local Self Government Department	Member Secretary
7	Addl. Chief Secretary/ Principal Secretary/ Secretary Sports and Youth Affairs	Member
8	Addl. Chief Secretary/ Principal Secretary/ Secretary, Panchayati Raj Department	Member
9	Addl. Chief Secretary/ Principal Secretary/ Secretary, Food Department	Member
10	Addl. Chief Secretary/ Principal Secretary/ Secretary, Rural Development Department	Member
11	Addl. Chief Secretary/ Principal Secretary/ Secretary, Industries Department	Member
12	Addl. Chief Secretary/ Principal Secretary/ Secretary Skill Development Department	Member
13	Addl. Chief Secretary/ Principal Secretary/ Secretary Medical and Health Department	Member
14	Member Secretary, Rajasthan State Pollution Control Board	Member
15	Commissioner, College Education Department	Member
16	Director, Department of Information and Public Relation.	Member
17	State Coordinator, Swachh Bharat Mission 2.0 (Gramin)	Member
18	State Coordinator, Swachh Bharat Mission 2.0 (Urban)	Member

The terms of Reference of the STF are as follows:

1. To prepare a comprehensive Action Plan for implementation of Plastic Waste Management Rule, 2016 and phasing out of SUPs, with identified activities and timelines and synergizing efforts and resources of various Departments/Agencies at State, District and City level.

2. To assess plastic waste generated in State / UT with respect to collection, recycling and end of life disposal and identify gaps in plastic waste management (Reduce, Reuse and Recycle)- policy, implementation, enforcement, infrastructure etc.
3. To strengthen policy, regulatory, institutional mechanism/ structures for the implementation of Plastic Waste Management Rule, 2016 and phasing out of Single Use Plastic (SUP) in the state/UT, design appropriate management strategies and allow for allocation of financial resources for PWM including leverage of funds from Swachh Bharat Mission.
4. To take measure for effective enforcement of (i) Plastic Waste Management Rule, 2016, as amended, and (ii) State/UT specific ban imposed on identified single use plastic items.
5. To develop policies for supporting the adaptation of alternatives to identified single use plastic items prohibited under PWMR, 2016, as amended.
6. To take measures to strengthen ULBS/GPs for segregation, collection, storage, transportation, processing, and disposal of plastic waste.
7. To take measures for effective monitoring of implementation of PWM Rules 2016, as amended.
8. To prepare a detailed road map for activities to build awareness and outreach among public on plastic waste management and reduction in the use of SUP items.
9. To develop strategy for building a strong public movement for mitigation of plastic pollution by involving education institutions (schools, colleges, and universities), NCC, NSS, Scouts, Youth clubs, Eco Clubs, Opinion makers and Voluntary organizations, with a detailed action plan in this regard.

**5. Constitution of the Sub Group of STF for preparation of Single Use Plastic:**

A Sub Group has been constituted for preparation of Comprehensive Action Plan for elimination of single use plastic under the Chairmanship of Secretary,

Environment Department as under:

1	Secretary, Environment Department	Chairperson
2	Joint Secretary, Industries Department	Member
3	Director, Medical and Health Department	Member
4	Joint Secretary, Agriculture Department	Member
5	Joint Secretary, Public Works Department	Member
6	Joint Secretary, Home Department	Member
7	Joint Secretary, Education Department	Member
8	Joint Secretary, Panchayati Raj Department	Member
9	Joint Secretary, Rural Development Department	Member
10	Chief Engineer, Rajasthan State Pollution Control Board	Member
11	Chief Engineer, Local Self Government	Member
12	Director Cum Joint Secretary, Environment Department	Convener

**6. Constitution of District Task Force:**

It has been directed vide order dated 14.09.2021 that all District Environment Committees under the Chairmanship of the District Collector will act as the District Task Force for elimination of the Single Use Plastic in their jurisdiction.

## **B. Action Plan for phasing out Single Use Plastic in the state**

### **1. Institutional Mechanism and Management:**

In Rajasthan, a State Level Committee for implementation of Plastic Waste Management Rules, 2016 has been constituted under Chairmanship of Secretary In charge of LSG Department. Committee For the work of phasing out of Single Use Plastic, institutional mechanism is required to be set up at the State Level, Department Level, District Level and Block/ ULB level.

- a. In compliance of the directions of the Government of India, a Special Task Force has been constituted under the Chairmanship of Chief Secretary, Rajasthan. The task force will monitor the implementation of Plastic Waste Management Rules 2016 and its subsequent amendments in the State. The Committee will also prepare an Action Plan for phasing out the SUP in the state.
- b. A Sub-Group of the Special Task Force has been constituted under the Chairmanship of Secretary, Environment Department for assistance of State Level Task Force for preparation of the Comprehensive Action Plan.
- c. Local Self Government Department has been identified as Nodal Department for coordinating implementation of the Plastic Waste Management Rules in Rajasthan. Hence, a plastic waste management cell is required to be constituted in the LSG Department at the State level, at district level (in Zila Parishad for rural areas) and in all Urban Local Bodies
- d. At District level, District Environment Committee constituted under the Chairmanship of District Collector in all districts will also act as District Level Task Force. The Committee will ensure implementation of the Plastic Waste Management Rules in respective districts. The Action Plan for Institutional framework with timelines is given below:

<b>Work Activities</b>		<b>Sub-Work Activities</b>	<b>Previous Timelines</b>	<b>Revised Timelines</b>	<b>Implementing agency &amp; Partners</b>	<b>Status</b>
<b>Institutional mechanism and Resource (Human &amp; Technical) management</b>	1.1	Constitution of <b>State Level Special Task Force under Chairmanship of Chief Secretary</b>	Already constituted	Already constituted	Environment Department	Task Completed
	1.2	Identification of <b>nodal department</b> for coordinating the implementation of plastic waste management (for urban as well as rural areas)	LSG Department	Already Nominated	LSG Department	Task Completed
	1.3	Constitution of <b>District Level Task Force under District Collector</b>	District Environment Committee will act as District Task Force	Directions Issued District Environment Committee will act as District Task Force	District Collector	Task Completed
	1.4	Setting up of a <b>plastic waste management cell at State level</b> in LSG Department , District level (in Zila Parishad for all the rural areas), and in each ULB	30 <sup>th</sup> October 2021	Environment Monitoring Cell at State Level in LSG Department for PWM Rules will act as Plastic Waste Management Cell	LSG Department	Task Completed
	1.5	<b>Sub Group of State Task Force</b> for assistance of the State Level Task Force and PWM Cell	Already constituted	Already constituted	Environment Department	Task Completed

## **2. Policy and Regulatory Framework:**

It is very essential to set up a Policy and Regulatory framework for phasing out SUP in the state. The Executive Departments are required to include these measures in the ongoing projects. Following action is proposed:

- a.** For elimination of single use plastic in the state, a comprehensive action plan including activities along with timelines and concerned department has been prepared as per the guidelines of the Ministry of Environment, Forests and Climate Change (MoEF&CC), Government of India.
- b.** Local Self Government Department and Panchayati Raj Department will ensure inclusion of components related to the elimination of Single Use Plastic and remediation/management of legacy waste in the proposals of Swachh Bharat Mission 2.0 in Urban and Rural areas respectively.
- c.** Local Self Government Department will ensure the effective enforcement of Plastic Waste Management Rules in all ULBs through bye-laws.
- d.** Industries Department in coordination with Finance Department will frame policies for incentivizing the industrial units manufacturing products of alternative of Single Use Plastic.
- e.** Inclusion of mitigation measures and activities in the ongoing projects and Departmental works by all Executing Departments.

The Action Plan with timelines is given below:



<b>Policy and Regulatory Framework</b>	2.1	Preparation of a <b>Comprehensive Action Plan</b> for elimination of single-use plastics	30 <sup>th</sup> September 2021	Comprehensive Action Plan Prepared And Submitted to CPCB & MoEF&CC	Environment Department	Task Completed
	2.2	Inclusion of components relating to <b>elimination of SUP and remediation/management of legacy waste</b> in project proposals under SBM 2.0	15 <sup>th</sup> October 2021	Incorporated in guidelines of Dec, 2020 regarding Legacy Waste Management at Panchayat level	LSGD & PRD	Task Completed
	2.3	Policy for effective <b>enforcement of PWMR through byelaws of local bodies and RSPCB</b> (like spot fines)	30 <sup>th</sup> October 2021	Bye laws of Plastic Waste Management already published	LSGD	Task Completed
	2.4	Policy for <b>Incentivizing</b> units adopting alternate single use plastic	30 <sup>th</sup> October 2021	15 <sup>th</sup> April 2022	Industries Department, Finance Department	ATR not received
	2.5	<b>Inclusion of mitigation measures</b> and activities for phasing out SUP in ongoing projects activities.		30 <sup>th</sup> April, 2022	All Departments	ATR not received

### 3. Enforcement of Ban on SUP:

The Enforcement of the provisions of the notification dated 12.08.2021 is of paramount importance. This is proposed to be achieved as follows: -

- a. Enforcement of ban imposed on use of single use plastic at District level, ULB/Gram Panchayat level will be done as per the guideline of the Government of India.
- b. Industries Department will prepare a list of legal industrial units engaged in sale and manufacturing of Single Use Plastic in the State.
- c. District level task force will list out the illegal units selling and manufacturing of Single Use Plastic in respective districts.
- d. Rajasthan State Pollution Control Board, Industries Department and Home Department will coordinate the closure of industrial units manufacturing prohibited single use plastic items in the State.
- e. Stakeholder Departments will prepare a Policy for legal actions and Spot fines for the defaulting units/ persons

The Action Plan with timelines is given below:

<b>Enforcement of Ban Imposed on the use of Identified Single-Use Plastic Items at District / ULB /GP level</b>	3.1	Enforcement actions <b>against violations; Identification and closure of manufacturing units</b> of prohibited SUP items	Continuous from 1 <sup>st</sup> July 2022	Continuous from 1 <sup>st</sup> July 2022	Industries Department , RSPCB and Home Department	Continuous Work
	3.2	Listing of <b>legal industrial</b> and other units engaged in sale and manufacture of SUP	30 <sup>th</sup> November 2021	30 <sup>th</sup> April 2022	IND	ATR not received
	3.3	Listing of <b>illegal units</b> in markets, residential area etc	30 <sup>th</sup> November 2021	30 <sup>th</sup> April 2022	DTF	ATR not received

	3.4	<b>Policy for legal action</b> against defaulting units/ persons with penalties and spot fines		30 <sup>th</sup> April 2022	LSG	ATR not received
	3.5	Dedicated Toll free number for registering complaints regarding storage, manufacture and sale of SUP items.	31 <sup>st</sup> October 2021	30 <sup>th</sup> April 2022	Home, LSG, Industries Departments, District Task Force.	ATR not received

#### **4. Management of Littered SUP items:**

To mitigate the damage of Plastic Waste, it is very important to manage the littering of SUP items.

- a. Local Self Government Department, Panchayati Raj Department and District Administration will identify hotspots of littering of Single Use Plastic items on open lands, road-side, tourist sites water bodies or drains in the urban and rural areas and ensure collection and management of such waste.
- b. Local Self Government Department and Panchayati Raj Department will ensure inclusion of components related to the elimination of Single Use Plastic and remediation/management of legacy waste in the proposals of Swachh Bharat Mission 2.0 in Urban and Rural areas respectively.

The Action Plan with timelines is given below:

<b>Management of Littered Single-Use Plastic Items</b>	4.1	Identification of <b>littering hot spots</b> with respect to SUP items and development of strategy for their collection and further management	30 <sup>th</sup> November 2021	30 <sup>th</sup> April 2022	LSGD/DTF	ATR not received
	4.2	Identification of <b>ingress points of littered single-use plastic items in surface water</b> bodies and drains and strategy for prevention	30 <sup>th</sup> November 2021	30 <sup>th</sup> April 2022	LSGD, PRD/DTF	ATR not received
	4.3	Phased plan for <b>cleaning surface water</b> bodies, and drains of floating single-use plastic items and their further management	30 <sup>th</sup> November 2021	31 <sup>st</sup> May 2022	ULBs/ GPs/DTF	ATR not received
	4.4	Activities to be specifically <b>included under Swachh Bharat Mission 2.0</b> for SUP elimination and management of legacy waste sites, as per guidelines	30 <sup>st</sup> October 2021	Incorporated in guidelines of December, 2020 regarding Legacy Waste Management at Panchayat level	PRD & LSGD	Task Completed

#### 5. Cross-boundary movement of plastic and Plastic waste:

It is felt necessary that Cross Boundary Transport of the Single use Plastic items must be checked strictly. It is proposed that a guidelines giving responsibilities of the various Departments such as Transport Department, Home Department and LSG Department may be defined.

The Action Plan with timelines is given below:

<b>Cross Boundary Movement of Plastic and plastic Wastes</b>	5.1	Guidelines for Plastic Material collected and transported to other states for recycling	30 <sup>st</sup> October 2021	Already Complied with PWM, Rules in Rule 13(3)	RSPCB, IND, TRD	Task Completed
	5.2	Check on transport of banned plastic items into the state	1 <sup>st</sup> July 2022	1 <sup>st</sup> July 2022 onwards by transport department	RSPCB/IND/ TRD/DTF	Continuous work

## 6. Development of Compostable Plastic material

The phasing out of the SUP has to be simultaneously supported by development of Compostable Plastic material. The Compostable Plastic items will mitigate the damage of SUP items.

- a. Development of industrial composting facilities for compostable plastics. Industries Department will take steps for development of such units in the RIICO area.
- b. A Plan for management of compostable plastics or bioplastics is required which will be prepared by the LSG department and Industries Department.

Action Plan with timelines is given below:

<b>Development of Compostable Plastic material</b>	6.1	<b>Development of industrial composting facilities</b> for compostable plastics:	30 <sup>th</sup> December 2021	31 <sup>th</sup> May 2022	RSPCB & IND	RSPCB shall grant consent on priority to the compostable facilities after development of these facilities by Industries department in industrial area.
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	6.2	Plan for <b>management of compostable plastics or bioplastics</b>	30 <sup>th</sup> December 2021	31 <sup>th</sup> May 2022	RSPCB & IND	As per rule 15 of Solid Waste Management Rules, 2016 it is duty of local authorities to facilitate, construct, operate and maintain Solid Waste processing facility and associated infrastructure including facility for processing of biodegradable waste
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## **7. Development and Promotion of Alternatives to Prohibited Single-Use Plastic Items and promoting product eco- design and innovation**

It is very essential that alternate materials be developed for use instead of the SUP items. Start-Ups may be promoted in this area/ field and adequate incentives may be provided to industrial units for shifting manufacturing from single use plastic items to such eco-friendly alternatives. Following activities are proposed:

- a. Industries Department and Rajasthan State Pollution Control Board may identify start-ups and innovators manufacturing and selling alternative to plastic materials in the state and development of the database.
- b. Industries Department and Rajasthan State Pollution Control Board may work on development of scheme (including incentives) for providing assistance in setting up manufacturing capacities of alternatives including for enterprises transitioning away from SUPs.
- c. Education Department, Industries Department and RSPCB may take initiatives for Capacity Building for educational institutions, government offices, ULBs, RWAs for promoting the use of alternate materials.

Action Plan with timelines is given below:

<b>Development and</b>	7.1	<b>Identification of start-ups and innovators</b>	30 <sup>th</sup> December 2021	31 <sup>th</sup> May 2022	RSPCB & IND	State Board has so far identified 07 units manufacturing alternate of SUP items
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<b>Promotion of Alternatives to Prohibited Single-Use Plastic Items and promoting product eco-friendly design and innovation</b>		<b>manufacturing and</b> selling alternate plastic materials in the state and development of the database				(Compostable plastic items) in the State. Besides, the State Board already has issued letter to Industries department on dated 14.06.2021 and again D.O letter dated 16.08.2021 for providing information regarding available manufacturers & their manufacturing capacity of alternative of SUP in the State. The State Board has signed MoA with Centre for Environment Education (CEE) for inventorization of plastic including alternate of SUP items in major cities of Rajasthan.
	7.2	<b>Development of scheme (including incentives) for providing assistance in setting up manufacturing capacities</b> of alternatives including for enterprises transitioning away from SUPs	30 <sup>th</sup> December 2021	Already done by RSPCB	RSPCB & IND	State Board already has a Start-Up Policy for Waste Utilization in which such project can be provided financial assistance.
	7.3	<b>Capacity Building</b> for educational institutions, government offices, ULBs, RWAs <b>for promoting the use of alternate materials</b>	30 <sup>th</sup> December 2021	Continuous Process	RSPCB , IND & SED	Public Notice uploaded on RSPCB website to inform all Producers, Stockists, Retailers, Shopkeepers, e-commerce Companies, Street Vendors, Commercial Establishments (Malls /Market place/Shopping Centers/Cinema Houses/ Tourist locations/ Schools / Colleges/ Office Complexes/Hospitals & Other Institutions) and general public to stop production, stocking,

						<p>distribution, sale and usage of identified SUP items as per the timelines specified in the MoEF&amp;CC Notification.</p> <p>Awareness to authorities to disallow usage of all kinds of proposed banned SUP items i.e. take-away plastic cups, lunch wrapped in disposable plastic packaging, straws, bottles, disposable food-service cups and plates, and plastic bags in educational institutions in its premises from the next academic session through IEC activities proposed shortly.</p>
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### 8. IEC Activities:

Information, Education and Communication activities are essential to spread awareness about the need of elimination of Single Use Plastic. For community participation in the campaign, people in urban areas as well as rural areas need to be made aware of harms of such plastic to Environment, availability of alternative materials, reduction in littering etc. Following activities are proposed for IEC:

- a. Development of guidelines and targeted awareness raising activities at State/District/ULB/GP level for citizens, institutional waste generators, RWAs/Market associations (especially with the green protocol)
- b. Publicity in mass media for awareness on the notification for elimination of Single use Plastic.
- c. Preparation of a brief note having details of provision of notification dated 12.08.2021 legal provision, alternate plastic material etc.



- d. Circulation of brief note by all departments to field functionaries at District, Tehsil, Gram Panchayat & Village.
- e. Creation of a tag line for use on all Government/ Media.
- f. Empanelling of agencies for publicity / awareness
- g. Development of a public movement by engaging with youth organizations such as NCC, NSS, NYK and school students
- h. Awareness on biodegradable plastics and products marketed as plastic alternatives and capacity building of local sectors to distinguish these products
- i. Promotion of zero waste stores and alternate materials like cloth bags run by Self-Help Groups (SHGs)
- j. Strategy for targeted campaign at littering hotspots such as tourist spots, places of religious and cultural importance, weekly markets, urban sprawls against littering, and promoting alternate packaging material.

Action Plan with timelines is given below:

<b>IECactivities</b>	8.1	<b>Development of guidelines and targeted awareness raising activities</b> at State, District and ULB/GP level for citizens, institutional waste generators, RWAs/Market associations (especially with the green protocol)	30 <sup>th</sup> December 2021	30 <sup>th</sup> April 2022	RSPCB & Industries Department	RSPCB with the help of stakeholders and other organizations involved in plastic waste management shall start awareness campaigns/workshops via electronic/print media for awareness in public regarding ban of single use plastic, littering of plastic, open burning of plastic waste etc. The action plan is under preparation and shall be executed shortly.
	8.2	Publicity in <b>mass media for awareness</b> on the notification for elimination of Single use Plastic.	1 <sup>st</sup> October 2021	31 <sup>th</sup> May 2022	All Departments/DTF	ATR not received

	8.3	Preparation of a <b>brief note</b> having details of provision of notification dated 12.08.2021 legal provision, alternate plastic material etc.	30 <sup>th</sup> September 2021	Brief Note already circulated to all departments for circulation	RSPCB	Task Completed
	8.4	Circulation of brief note to all Departments	15 <sup>th</sup> October 2021	Brief Note already circulated to all departments for circulation	Environment Department	Task Completed
	8.5	Circulation of brief note by all department to field functionaries at District, Tehsil, Gram Panchayat & Village	30 <sup>th</sup> October 2021	Task completed by PR Department	All Departments/ DTF	Partially Completed
	8.6	Creation of a <b>tag line</b> for use on all Government/ Media.	30 <sup>th</sup> October 2021	30 <sup>th</sup> April 2022	RSPCB	ATR not received
	8.7	<b>Empaneling of agencies</b> for publicity / awareness	30 <sup>th</sup> October 2021	30 <sup>th</sup> April 2022	RSPCB/ Industries Department/ DTF	RSPCB with the help of stakeholders and other organizations involved in plastic waste management shall start awareness campaigns/workshops via electronic/print media for awareness in public regarding ban of single use plastic, littering of plastic, open burning of plastic waste etc. The action plan is under preparation and shall be executed as soon it is finalized.
	8.8	Development of a public movement by engaging with youth organizations such as NCC, NSS, NYK and school students	30 <sup>th</sup> October 2021	30 <sup>th</sup> April 2022	RSPCB/ Industries Department/ DTF	
	8.9	Awareness on bioplastics and products marketed as plastic alternatives and capacity building of local actors to distinguish these products	30 <sup>th</sup> October 2021	30 <sup>th</sup> April 2022	RSPCB/ Industries Department/ DTF	

	8.10	Promotion of zero waste stores and alternate materials like cloth bags run by Self-Help Groups (SHGs)	30 <sup>th</sup> October 2021	30 <sup>th</sup> April 2022	RSPCB/ Industries Department/ DTF	
	8.11	Strategy for targeted campaign at littering hotspots such as tourist spots, places of religious and cultural importance, weekly markets, urban sprawls against littering, and promoting alternate packaging material	30 <sup>th</sup> October 2021	30 <sup>th</sup> April 2022	RSPCB/ Industries Department/ LSG/DTF	

## 9. Strategies for capacity building

Strengthening of manpower and resources is necessary to build capacity for repurposing and promoting reuse of plastic packaging, adopting alternate materials. Capacity building for a range of stakeholders such as NGOs, Universities, Research organizations, State level autonomous bodies, Government departments, Bulk Consumers, Industry associations, Resident associations (RWAs), School teachers, Regional offices of PCBs, ULBs and GPs.

Action Plan with timelines is given below:

<b>9</b>	<b>Strategies for capacity building</b>	9.1	Capacity building for repurposing and promoting reuse of plastic packaging, adopting alternate materials	From 30 <sup>th</sup> October 2021 onwards	Continuous Work	RSPCB , LSG	One such workshop was conducted by CIPET in Jaipur on 16.12.2021. A workshop targeting recyclers and PIBOs in the State shall be organized with CEE shortly to promote reuse of plastic materials and proper disposal of the plastic waste.
		9.2	Capacity building for a range of stakeholders: <ul style="list-style-type: none"> <li>• NGOs</li> </ul>	From 30 <sup>th</sup> October 2021 Onwards	Continuous Work	RSPCB & LSG/DTF	

		<ul style="list-style-type: none"><li>• Universities</li><li>• Research organizations</li><li>• State level autonomous bodies</li><li>• Government departments</li><li>• Bulk Consumers</li><li>• Industry associations</li><li>• Resident associations (RWAs)</li><li>• School teachers</li><li>• RoPCBs</li><li>• ULBs and GPs</li></ul>	Continuous			
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## 7. Comprehensive Action Plan for Elimination Single-Use Plastics:

(ATR to be submitted every 15 days)

S.N	Work Activities		Sub-Work Activities	Previous Timelines	Revised Timelines	Implementing agency & Partners	Status
1	<b>Institutional mechanism and Resource (Human &amp; Technical) management</b>	1.1	Constitution of <b>State Level Special Task Force under Chairmanship of Chief Secretary</b>	Already constituted	Already constituted	Environment Department	Task Completed
		1.2	Identification of <b>nodal department</b> for coordinating the implementation of plastic waste management (for urban as well as rural areas)	LSG Department	Already Nominated	LSG Department	Task Completed
		1.3	Constitution of <b>District Level Task Force under District Collector</b>	District Environment Committee will act as District Task Force	Directions Issued District Environment Committee will act as District Task Force	District Collector	Task Completed
		1.4	Setting up of a <b>plastic waste management cell at State level</b> in LSG Department , District level (in Zila Parishad for all the rural areas), and in each ULB	30 <sup>th</sup> October 2021	Environment Monitoring Cell at State Level in LSG Department for PWM Rules will act as Plastic Waste Management Cell	LSG Department	Task Completed
		1.5	<b>Sub Group of State Task Force</b> for assistance of the State Level Task Force and	Already constituted	Already constituted	Environment Department	Task Completed

			PWM Cell				
2	Policy and Regulatory Framework	2.1	Preparation of a <b>Comprehensive Action Plan</b> for elimination of single-use plastics	30 <sup>th</sup> September 2021	Comprehensive Action Plan Prepared And Submitted to CPCB & MoEF&CC	Environment Department	Task Completed
		2.2	Inclusion of components relating to <b>elimination of SUP and remediation/management of legacy waste</b> in project proposals under SBM 2.0	15 <sup>th</sup> October 2021	Incorporated in guidelines of Dec, 2020 regarding Legacy Waste Management at Panchayat level	LSGD & PRD	Task Completed
		2.3	Policy for effective <b>enforcement of PWMR through byelaws of local bodies and RSPCB</b> (like spot fines)	30 <sup>th</sup> October 2021	Bye laws of Plastic Waste Management already published	LSGD	Task Completed
		2.4	Policy for <b>Incentivizing</b> units adopting alternate single use plastic	30 <sup>th</sup> October 2021	15 <sup>th</sup> April 2022	Industries Department, Finance Department	ATR not received
		2.5	<b>Inclusion of mitigation measures</b> and activities for phasing out SUP in ongoing projects activities.		30 <sup>th</sup> April, 2022	All Departments	ATR not received
3	<b>Enforcement of Ban Imposed on the use of</b>	3.1	Enforcement actions <b>against violations; Identification and closure of manufacturing units</b> of	Continuous from 1 <sup>st</sup> July 2022	Continuous from 1 <sup>st</sup> July 2022	Industries Department, RSPCB and Home	Continuous Work

	<b>Identified Single-Use Plastic Items at District / ULB /GP level</b>		prohibited SUP items			Department	
		3.2	Listing of <b>legal industrial</b> and other units engaged in sale and manufacture of SUP	30 <sup>th</sup> November 2021	30 <sup>th</sup> April 2022	IND	ATR not received
		3.3	Listing of <b>illegal units</b> in markets, residential area etc	30 <sup>th</sup> November 2021	30 <sup>th</sup> April 2022	DTF	ATR not received
		3.4	<b>Policy for legal action</b> against defaulting units/ persons with penalties and spot fines		30 <sup>th</sup> April 2022	LSG	ATR not received
		3.5	Dedicated Toll free number for registering complaints regarding storage, manufacture and sale of SUP items.	31 <sup>st</sup> October 2021	30 <sup>th</sup> April 2022	Home, LSG, Industries Departments, District Task Force.	ATR not received
<b>4</b>	<b>Management of Littered Single-Use Plastic Items</b>	4.1	Identification of <b>littering hot spots</b> with respect to SUP items and development of strategy for their collection and further management	30 <sup>th</sup> November 2021	30 <sup>th</sup> April 2022	LSGD/DTF	ATR not received
		4.2	Identification of <b>ingress points of littered single-use plastic items in surface water</b> bodies and drains and strategy for prevention	30 <sup>th</sup> November 2021	30 <sup>th</sup> April 2022	LSGD, PRD/DTF	ATR not received
		4.3	Phased plan for <b>cleaning surface water</b> bodies, and drains of floating single-use plastic items and their further management	30 <sup>th</sup> November 2021	31 <sup>st</sup> May 2022	ULBs/ GPs/DTF	ATR not received

		4.4	Activities to be specifically <b>included under Swachh Bharat Mission 2.0</b> for SUP elimination and management of legacy waste sites, as per guidelines	30 <sup>st</sup> October 2021	Incorporated in guidelines of December, 2020 regarding Legacy Waste Management at Panchayat level	PRD & LSGD	Task Completed
5	<b>Cross Boundary Movement of Plastic and plastic Wastes</b>	5.1	Guidelines for Plastic Material collected and transported to other states for recycling	30 <sup>st</sup> October 2021	Already Complied with PWM, Rules in Rule 13(3)	RSPCB, IND, TRD	Task Completed
		5.2	Check on transport of banned plastic items into the state	1 <sup>st</sup> July 2022	1 <sup>st</sup> July 2022 onwards by transport department	RSPCB/IND /TRD/DTF	Continuous work
6	<b>Development of Compostable Plastic material</b>	6.1	<b>Development of industrial composting facilities</b> for compostable plastics:	30 <sup>th</sup> December 2021	31 <sup>th</sup> May 2022	RSPCB & IND	RSPCB shall grant consent on priority to the compostable facilities after development of these facilities by Industries department in industrial area.
		6.2	Plan for <b>management of compostable plastics or bioplastics</b>	30 <sup>th</sup> December 2021	31 <sup>th</sup> May 2022	RSPCB & IND	As per rule 15 of Solid Waste Management Rules, 2016 it is duty of local authorities to facilitate, construct, operate and maintain Solid Waste processing facility and associated infrastructure including facility for processing of biodegradable waste
7	<b>Development and Promotion of Alternatives to Prohibited Single-Use</b>	7.1	<b>Identification of start-ups and innovators manufacturing and selling</b> alternate plastic materials in the state and development of the database	30 <sup>th</sup> December 2021	31 <sup>th</sup> May 2022	RSPCB & IND	State Board has so far identified 07 units manufacturing alternate of SUP items (Compostable plastic items) in the State. Besides, the State Board already has issued letter to



<b>Plastic Items and promoting product eco-friendly design and innovation</b>						Industries department on dated 14.06.2021 and again D.O letter dated 16.08.2021 for providing information regarding available manufacturers & their manufacturing capacity of alternative of SUP in the State. The State Board has signed MoA with Centre for Environment Education (CEE) for inventorization of plastic including alternate of SUP items in major cities of Rajasthan.
	7.2	<b>Development of scheme (including incentives) for providing assistance in setting up manufacturing capacities</b> of alternatives including for enterprises transitioning away from SUPs	30 <sup>th</sup> December 2021	Already done by RSPCB	RSPCB & IND	State Board already has a Start-Up Policy for Waste Utilization in which such project can be provided financial assistance.
	7.3	<b>Capacity Building</b> for educational institutions, government offices, ULBs, RWAs <b>for promoting the use of alternate materials</b>	30 <sup>th</sup> December 2021	Continuous Process	RSPCB , IND & SED	Public Notice uploaded on RSPCB website to inform all Producers, Stockists, Retailers, Shopkeepers, e-commerce Companies, Street Vendors, Commercial Establishments (Malls /Market place/Shopping Centers/Cinema Houses/ Tourist locations/ Schools / Colleges/ Office Complexes/Hospitals & Other Institutions) and general public to stop production, stocking, distribution, sale and usage of identified SUP items as per the timelines specified in the MoEF&CC Notification. Awareness to authorities to

							disallow usage of all kinds of proposed banned SUP items i.e. take-away plastic cups, lunch wrapped in disposable plastic packaging, straws, bottles, disposable food-service cups and plates, and plastic bags in educational institutions in its premises from the next academic session through IEC activities proposed shortly.
<b>8. IECactivities</b>		8.1	<b>Development of guidelines and targeted awareness raising activities</b> at State, District and ULB/GP level for citizens, institutional waste generators, RWAs/Market associations (especially with the green protocol)	30 <sup>th</sup> December 2021	30 <sup>th</sup> April 2022	RSPCB & Industries Department	RSPCB with the help of stakeholders and other organizations involved in plastic waste management shall start awareness campaigns/ workshops via electronic/print media for awareness in public regarding ban of single use plastic, littering of plastic, open burning of plastic waste etc. The action plan is under preparation and shall be executed shortly.
		8.2	Publicity in <b>mass media for awareness</b> on the notification for elimination of Single use Plastic.	1 <sup>st</sup> October 2021	31 <sup>st</sup> May 2022	All Departments/ DTF	ATR not received
		8.3	Preparation of a <b>brief note</b> having details of provision of notification dated 12.08.2021 legal provision, alternate plastic material etc.	30 <sup>th</sup> September 2021	Brief Note already circulated to all departments for circulation	RSPCB	Task Completed
		8.4	Circulation of brief note to all Departments	15 <sup>th</sup> October 2021	Brief Note already circulated to all	Environment Department	Task Completed

				departments for circulation		
	8.5	Circulation of brief note by all department to field functionaries at District, Tehsil, Gram Panchayat & Village	30 <sup>th</sup> October 2021	Task completed by PR Department	All Departments/ DTF	Partially Completed
	8.6	Creation of a <b>tag line</b> for use on all Government/ Media.	30 <sup>th</sup> October 2021	30 <sup>th</sup> April 2022	RSPCB	ATR not received
	8.7	<b>Empaneling of agencies</b> for publicity / awareness	30 <sup>th</sup> October 2021	30 <sup>th</sup> April 2022	RSPCB/ Industries Department/ DTF	RSPCB with the help of stakeholders and other organizations involved in plastic waste management shall start awareness campaigns/ workshops via electronic/print media for awareness in public regarding ban of single use plastic, littering of plastic, open burning of plastic waste etc. The action plan is under preparation and shall be executed as soon it is finalized.
	8.8	Development of a public movement by engaging with youth organizations such as NCC, NSS, NYK and school students	30 <sup>th</sup> October 2021	30 <sup>th</sup> April 2022	RSPCB/ Industries Department/ DTF	
	8.9	Awareness on bioplastics and products marketed as plastic alternatives and capacity building of local actors to distinguish these products	30 <sup>th</sup> October 2021	30 <sup>th</sup> April 2022	RSPCB/ Industries Department/ DTF	
	8.10	Promotion of zero waste stores and alternate materials like cloth bags run by Self-Help Groups (SHGs)	30 <sup>th</sup> October 2021	30 <sup>th</sup> April 2022	RSPCB/ Industries Department/ DTF	
	8.11	Strategy for targeted campaign at littering hotspots such as tourist spots, places of religious and cultural importance, weekly markets, urban sprawls against littering, and	30 <sup>th</sup> October 2021	30 <sup>th</sup> April 2022	RSPCB/ Industries Department/ LSG/DTF	

			promoting alternate packaging material				
9	<b>Strategies for capacity building</b>	9.1	Capacity building for repurposing and promoting reuse of plastic packaging, adopting alternate materials	From 30 <sup>th</sup> October 2021 onwards	Continuous Work	RSPCB , LSG	One such workshop was conducted by CIPET in Jaipur on 16.12.2021. A workshop targeting recyclers and PIBOs in the State shall be organized with CEE shortly to promote reuse of plastic materials and proper disposal of the plastic waste.
		9.2	Capacity building for a range of stakeholders: <ul style="list-style-type: none"> <li>• NGOs</li> <li>• Universities</li> <li>• Research organizations</li> <li>• State level autonomous bodies</li> <li>• Government departments</li> <li>• Bulk Consumers</li> <li>• Industry associations</li> <li>• Resident associations (RWAs)</li> <li>• School teachers</li> <li>• RoPCBs</li> <li>• ULBs and GPs</li> </ul>	From 30 <sup>th</sup> October 2021  Onwards Continuous	Continuous Work	RSPCB & LSG/DTF	