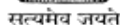
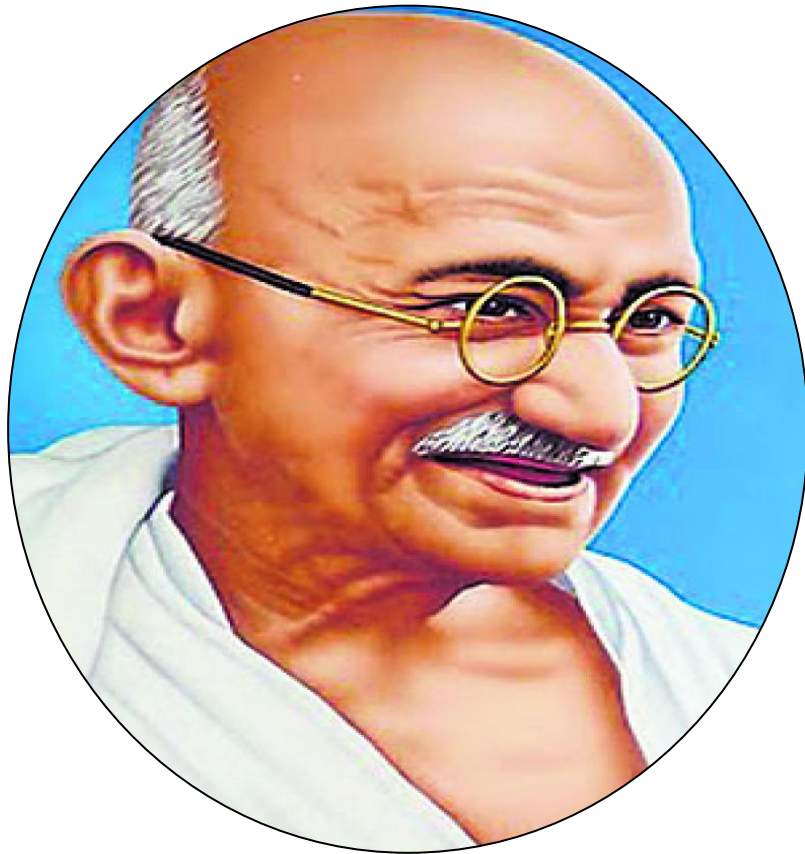


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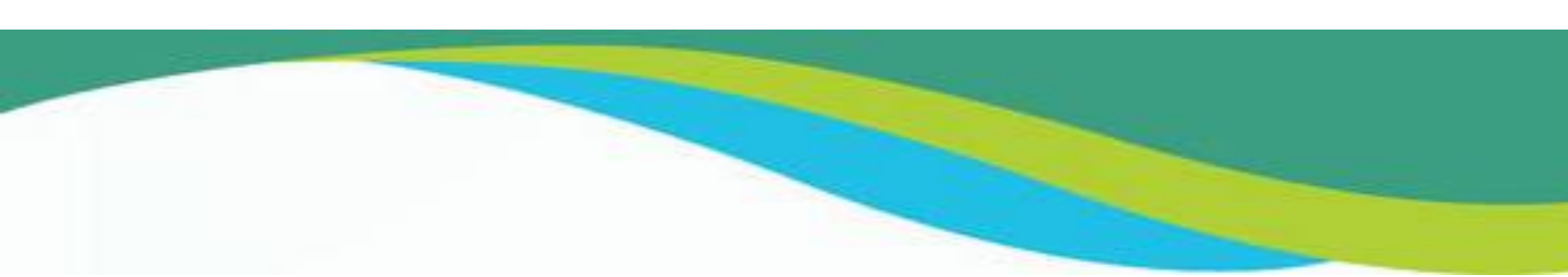
**Be the change
you wish to see**

- Mahatma Gandhi



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INTRODUCTION

Single Use Plastics (SUP) are thin plastic articles which are intent to be used for one time and subsequently thrown away. It mainly consists of plastic carry bags, cups, plates, straw, styrofoam cup and plates etc.

Single Use Plastics (SUP) are merged with part of modernized civilization. The reasons are being low cost, easily available in the market and hygienic. Unfortunately the other side of SUP is regrettable. It plays havoc in environment, particularly in the place of solid waste management, it pose big challenges to this administration. Solid waste mixed with plastic waste interferes in waste processing facilities.

U.T of Puducherry has been identified by Central Pollution Control Board (CPCB) as one of the city where plastic waste forms more than 10% of the total solid waste generated. Approximately 25 TPD tons of Plastic Waste is generated in the U.T. of Puducherry. Addressing industrial plastic waste is easier when compare to domestic and market plastic waste. Hon'ble Prime Minister has urged the Nation to phase out Single Use Plastic by 2022. Ministry of Home Affairs, Government of India is periodically reviewing the progress of elimination of Single Use Plastics in the U.T of Puducherry under the Flagship Schemes.

Ministry of Environment Forest & Climate Change has requested all the States and U.Ts to formulate an “Action Plan on Elimination of Single Use Plastics”.



This Action Plan has been formulated based on the guidelines of Ministry of Environment Forest & Climate Change (MoEF&CC) with the following Seven components to make U.T. of Puducherry as Single Use Plastic free.

1. Policy and Regulatory Framework
2. Institutional Mechanism
3. Enforcement of ban imposed on Single Use Plastics
4. Development and promotion of alternative to Single Use Plastics
5. Awareness creation and capacity building
6. Establishing Collection Centres for plastic waste under Extended Producer Responsibility (EPR)
7. Scientific disposal of Plastic Waste

1. Policy and Regulatory Framework

Government of Puducherry has imposed ban on lesser than 50 microns thickness plastic articles viz: Carry bags, Cups, and Plates vide Notification G.O. Ms. No. 20/Envvt.2009 dt. 09.12.2009. Subsequently Government of Puducherry has imposed total ban on Manufacturer, Transport, Sale and Usage of the following 8 Single Use Plastic articles with effect from 2nd August, 2019, for effective elimination of SUP.

- (1) Polythene / plastic / Polypropylene carry bags;
- (2) Polythene / plastic / Styrofoam (Thermocol) cups;
- (3) Polythene / plastic / Styrofoam (Thermocol) plates;
- (4) Plastic sheet pouches used for cooked food wrapping;
- (5) Plastic sheets used for spreading on dining table;
- (6) Water pouches;
- (7) Plastic straw;
- (8) Plastic Flag.



2. Institutional Mechanism

Special Task Force

Government of Puducherry has constituted “State Special Task Force” and “District Level Task Force” on 08.07.2021 under the Chairmanship of the Chief Secretary and the District Collector respectively, for taking measures on eliminate Single Use Plastic in the U.T. of Puducherry.

3. Enforcement of ban imposed on Single Use Plastic

3.1 Implementing Authority

The following officers are notified as implementing authority of Government Order on ban on single Use Plastic.

- 1) The Member Secretary, Puducherry Pollution Control Committee;
- 2) The Commissioners of the respective Municipalities/ Commune Panchayats;
- 3) The Tahsildars of Department of Revenue and Disaster Management;
- 4) The Food Inspector, Department of Food Safety;
- 5) The Revenue Officers of the respective Municipalities;

All the above Department will submit monthly progress report to the Member Secretary, State Level Special Task Force on the following:

- a) No. of enforcement drives,
- b) Action taken against violations,
- c) Fine imposed and
- d) Quantity of banned plastic seized

*[Action: PPCC, Local Bodies, Revenue and Food Safety,
Timeline: 1 Month]*

Cost: Zero

3.2 Enforcement Action

Illegal Single Use Plastic units and Godown of the stockiest will be traced out based on the trade license issued by Local Bodies and Returns submitted by Traders from Commercial Tax Department and electricity connection would be disconnected and sealed respectively by following due procedure code.

[Action: PPCC, LAD, Commercial Tax and Electricity, Cost: Zero, Timeline: Continuous process]

3.3 Enforcing no use SUP in Government Office, Government functions, Tourist places on priority.

[Action: Information and Publicity], Cost: Zero, Timeline: 2 months]

3.4 Enforcing ban on manufacturing

Industries and Commerce Department will not issue any new Permission/ Registration for SUP manufacturing units.

[Action: Industries and Commerce], Cost: Zero, Timeline: 3 months]

3.5 Model Commune

Bahour Commune to be made a model Single Use Plastic free Commune. It will be declared as no SUP commune on 2nd October, 2021.

[Action: DST&E, BCP, Cost: Zero, Timeline: 1 Month]



4. Development and Promotion of alternative to Single Use Plastic

4.1 Development of scheme

To provide assistance in setting up manufacturing capacities of alternatives including for enterprises transitioning away from single use plastics.

[Action: DIC, DRDA & BDO, Cost: Zero, Timeline: 3 Months]

4.2 Tax holiday

It is proposed to offer Tax holiday for alternative to SUP product.

[Action: Commercial Tax Dept, Cost: Timeline: 3 Months]

4.3 Honouring

The Commercial Centres which are not using SUP will be honoured by providing “Green Award”.

[Action: PPCC, Cost: 10,000/- Timeline: 3 Months]

4.4 Database on alternative products

Inorder to facilitate the needy peoples/firms to get idea about availability of all products, it is proposed to host comprehensive database on availability of alternate product in line Departments website.

[Action: PPCC, Municipalities /Commune Panchayats, Cost: Zero, Timeline: 1Month]

4.5 Research and Development

SUP is intensively used in packaging sector. However, sufficient alternative product is not available. Hence, it is proposed to encourage to carry out research in developing alternate packaging material by way of offering Grant-in-Aid.

[Action: PCS&T, Cost: Rs. 5lakhs/year, Timeline:3 Months]

Already trained Self Help Groups (SHG) are available in Block Development Office (BDO) for making cloth bags and paper bags. Training for processing of leaf for food packaging materials will be provided.

[Action: DRDA, Cost: Rs. 5lakhs/year, Timeline:3 Months]

4.6 Stall for Alternates to Single Use Plastics

Non-availability of suitable alternative for SUP is one of the constraint for strict implementation of the ban order. After conducting various field exposures, the following locally available materials are found to be best suitable alternatives.

- i) Low cost cloth, paper bags and non-woven bags
- ii) Banana leaf, Lotus, Lilly and Manthara leaves.
- iii) Areca nut plate
- iv) Paper cup and straw

“Supply Chain” shall placed in the system for uninterrupted availability of these low cost materials to the needy vendors . It is proposed to install Stall of

these alternative materials in many places of the State. Financial assistance will be organized through Banks / NABARD etc.



Cost of the alternative products are generally higher than SUP. In order to reduce cost of the alternate products, it is proposed to print advertisement of brand owner products on the non-woven /cloth bags, paper cups, etc. Brand owner bear part of the cost of the bags/cups towards advertising their products.

*[Action: PPCC, DRDA, BDO & Brand Owner,
Timeline: 3 months]*

Cost: 5 lakhs/year,

5. Awareness creation and capacity building

5.1 Releasing Documentary Movie:

Documentary Movie is found to be most effective awareness creation system. It is proposed to release a documentary movie on the “Ill effect of Single Use Plastic”.

[Action: PPCC

Cost: Rs. 3 Lakhs

Timeline: 3 months]






5.2 Publication of Awareness Phamplets, News letters, Banners and Posters:

SUP ban will be published and distributed through various means among public. Banners will be erected in public gathered places.

[Action: PPCC, LAD

Cost: Rs. 10 Lakhs

Timeline: 3 Months]

<p>புதுச்சேரி அரசு அறிவியல், தொழில்நுட்பம் மற்றும் சுற்றுச்சூழல் துறை புதுச்சேரி மாசு கட்டுப்பாடு குழுமம் ஒரு முறை பயன்படுத்தும் பிளாஸ்டிக் பொருட்கள் இல்லாத பாகூர் கொம்பியுனை உருவாக்குவோம்!</p>	
❌ தடை செய்யப்பட்ட பொருட்கள் (Banned Items)	✅ மாற்று பொருட்கள் (Alternate Items)
 பாலித்தீன் / பிளாஸ்டிக் / பாலிபிரொப்பிலீன் தூக்குப்பைகள்	 துணி, சணல் மற்றும் Non Woven பைகள்
 பாலித்தீன் / பிளாஸ்டிக் குவளைகள்	 எவர்தில்வர், கண்ணாடி மற்றும் காகித குவளைகள்
 பாலித்தீன் / பிளாஸ்டிக் / ஸ்டைரோபோம் (ஹிமக்ளோ) தட்டுகள்	 பாக்கு மட்டை, மந்தாணை இலை மற்றும் தாமரை இலை தட்டுகள்
 பிளாஸ்டிக் இலை / உணவுப்பொருட்களை கட்ட உபயோகிக்கும் பிளாஸ்டிக் பைகள்	 வாழை இலை மற்றும் எவர்தில்வர் பாத்திரங்கள்
 உணவு அருந்தும் மேஜையின் மேல் விரிக்கப்படும் பிளாஸ்டிக் தாள்	 காகித விரிப்பு
 தண்ணீர் பாக்டைல்	 எவர்தில்வர் மற்றும் தண்ணீர் பாட்டில்கள்
 பிளாஸ்டிக் உறிஞ்சு குழல் (Straw)	 காகிதத்தால் ஆன உறிஞ்சு குழல் (Straw)
 பிளாஸ்டிக் கொடி	 காகிதக் கொடி
<p>புதுச்சேரி ஆணை எண்:18/Env/2019 தேதி 02.08.2019 படி புதுச்சேரி யூனியன் பிரதேசத்தில் தடை செய்யப்பட்ட பிளாஸ்டிக் பொருட்களை உற்பத்தி செய்வது, பயன்படுத்துவது, விற்பனை செய்வது, சுற்றுச்சூழல் (பாதுகாப்பு) சட்டம் 1986-ன் படி குற்றமாகும். மீறினால் தண்டிக்கப்படுவீர்கள்.</p>	

5.3 Street Play

Street play is vital instrument in awareness creation activity particularly in the Rural areas. Series of street play will be organized.

[Action: PPCC, Art & Culture, Cost: Rs. 1 Lakh Timeline: Continuous]



5.4 Public Movement

Youth organization like NCC, NSS and NGC will be involved in organizing rally.

[Action: Education Cost: 1 Lakh Timeline: Continuous process]

5.5 Capacity Building

IEC cell will be formed in DST&E which will publish updated awareness informative materials on SUP and host in PPCC, DST&E website periodically.

[Action: DST&E, Cost: Zero, Timeline: Continuous]

5.6 Launching Light Emitting Diode (LED) based Awareness Van

Hon'ble Chief Minister inaugurated LED awareness van on 15th August, 2021 for Bahour Commune for creating awareness about “Ill effect of SUP”. It is proposed to carry out this excises throughout U.T. of Puducherry in all the four Regional languages.

[Action: PPCC

Cost: Rs. 10 Lakhs

Timeline: Continuous]



6. Establishing Collection Centre for plastic waste under Extended Producer Responsibility (EPR)

6.1 Collection Center

All the 24 Brand Owners of personal care products having their production unit in Puducherry will be directed to establish their product waste collection center under EPR in collaboration with Local Bodies.

[Action: LAD, PPCC,

Cost: Zero

Timeline: 1 Month]

6.2 Buy Back Scheme

When the consumer return the used plastic/ MLP wrapper to the vendors, he shall be given incentive. The Brand Owners shall print the buyback cost on the wrapper while it is manufactured.

[Action: Brand Owners

Cost: Zero

Timeline: 1 month]



7. Scientific disposal of Plastic Waste

7.1 Reprocessing of Plastic Waste

- Plastic waste will be used for road making and pavers block manufacturing.
- 15 Plastic Waste Reprocessing units functioning in the U.T. of Puducherry reprocessing of industrial plastic to be encouraged.
- All the industrial estates and Commune Panchayats/Municipalities will have minimum one waste plastic reprocessing unit.
- All the industrial plastic waste is ensured to be channelized to reprocessing unit thereby avoiding mixing in solid waste.

*[Action: PPCC, Industry Dept., LAD and PWD,
Timeline: 6 Months]*

Cost: 5 lakhs/year

7.2 Setting up of RDF Unit

RDF facility of suitable capacity will be set up in solid waste disposal site in all the four regions of U.T. of Puducherry.

[Action: LAD

Cost: Rs. One crore

Timeline: One year]

7.3 Scheduled waste Collection

Under Polluter Pays Principle and Corporate Social Responsibility (CSR), Plastic products manufacturing units shall provide plastic waste collection bin to the households for collecting exclusively plastic waste. It will be collected for recycling.

Municipalities and Commune Panchayats will be made to ensure compliance of Solid Waste Management Rules including segregation, recycling and disposal.

Rag pickers will be organized in self Help Groups (SHGs) to promote recycling.

[Action: PPCC, Industry Dept, LAD & Outsourcing agencies providing Solid Waste Management Services, Cost:Zero Timeline: 6 months]



CONCLUSION

By creating intensive awareness on the ill effects of usage of SUP followed by strict enforcement actions against banned plastic items and ensuring availability of suitable alternative for SUP, U.T. of Puducherry will be free from SUP.



