



# “SAFE POLYTHENE MANAGEMENT STRATEGY 2021 PHASE-I”



## PHASE-I

Phase I shall be limited to managing the Strategy to the extent of Quetta City while based on year long pilot testing of Phase I, it shall be extended to the entire Province in Phase II (2022)

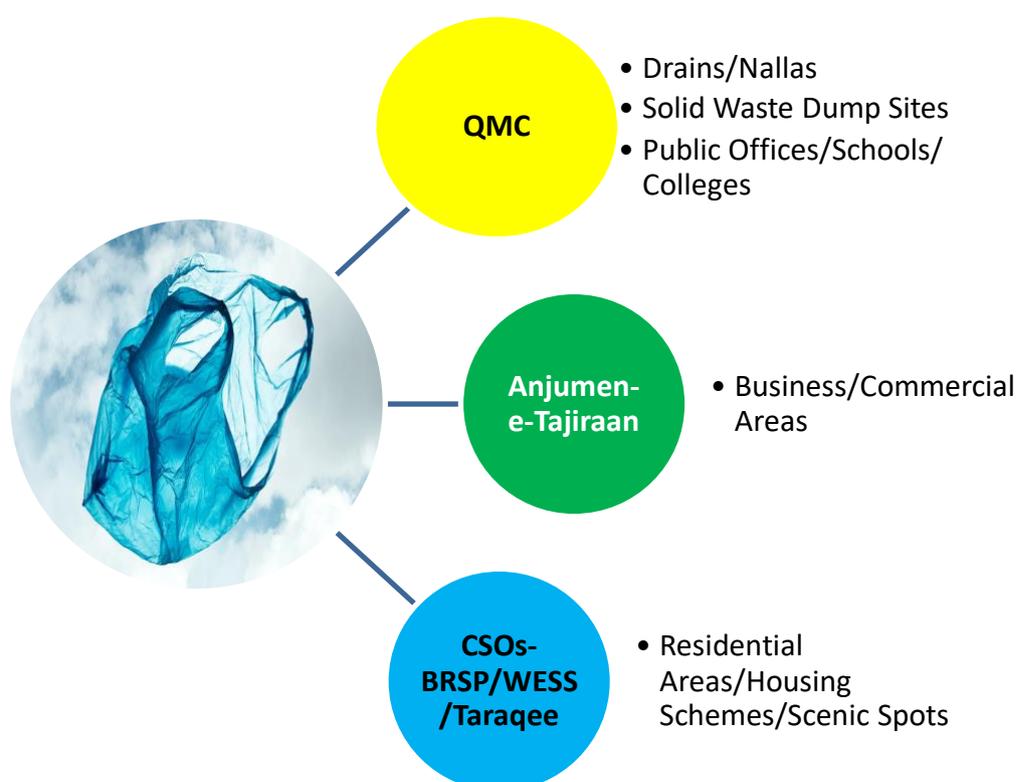
“SAFE POLYTHENE MANAGEMENT STRATEGY 2021”

## STRATEGY PILLARS

- A. Collection and safe disposal of existing polythene dispersed in our environment
- B. New Polythene Bags Management Roles and Responsibilities
- C. Strategy for implementation of social mobilization model for Polythene management

### A. COLLECTING AND DISPOSING OFF SAFELY THE EXISTING POLYTHENE DISPERSED IN ENVIRONMENT OF QUETTA VALLEY

#### a. Collecting the existing dumps



Agency	Role (To collect polythene from)	Assisting Agency	Oversight	Timeline
QMC	1. Drains/Nallaas 2. Solid waste dump sites 3. Schools/colleges	District Education Office for S No 3	EPA	30 Days
Anjumen-e-Tajiran	1. Business areas 2. Commercial centers	QMC	EPA	15 days
BRSP/WESS/TF	1. Residential Areas 2. Housing schemes 3. Scenic spots	QMC QDA	EPA	30 days

#### b. Safe disposal of the existing dump

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- Polythene collected above is stored at common point housed in QMC
  - Agent segregates Recyclable and useless waste polythene
  - Recyclable is taken off by the Agent for recycling
  - Waste left over is shifted to landfill site of QMC by QMC
- c. Who is the Agent?**
- Licensed by EPA and QMC on such terms and conditions
  - Agent to give undertaking of what shall be produced of the recycled polythene
  - Post recycle-ment produce certificate

## **B. THE NEW-40-MICRONS BAGS (N4M-BAGS)**

### **B.1. Who will produce and supply?**

- There are 4 units which were shut down by EPA but as scenario changes, they can produce the 40 Microns bags and satiate the Market.
- Free market production mechanism shall do it itself
- No polythene will be allowed to be transported from inter-provincial borders whether it meets standards or otherwise
- Local industry will be promoted and the monitoring and surveillance of the N4M would also be made easy

### **B.2. N4M-Bags Management**

Being 40 microns, it is the still polythene that would require proper management. Different stages of management plan are as follows

### **B.3. Roles & Responsibilities**

#### **Recycling Agent's Responsibilities**

- QMC will select the Recycling Agent and EPA will issue NOC for handling the Polythene
- He will ensure to pick up the polythene by all means he would employ
- Agent will not collect polythene from solid waste dump sites, drains, nallas and such other contaminated sites
- QMC will ensure picking of new polythene from drains, nallas and solid waste dump sites
- The agent will be registered with the EPA
- He will give a detailed plan of his competency to be able to collect the polythene from the city
- He will provide certificates at the end of each month as how much of polythene in tonnage has been collected
- He will provide monthly certificate of the types and items of production after recycling
- Agent will pay such annual fee to the QMC as may be determined by the EPA

### **Manufacturers Responsibilities**

- Manufacturer to ensure that the polythene produced meets the notified standards
- In case the standards are compromised, action under applicable laws will be initiated
- Manufacturer will give monthly certificate of how much in tonnage Polythene bags N4M has been produced and supplied to the market
- This data will be cross matched with the tonnage collected by the Agent and the waste polythene collected by the QMC
- Manufacturer will not charge an exploitative price and shall make available the N4M at standard market price

### **FC and Pakistan Customs Responsibilities**

- No polythene from other provinces and from borders be allowed to reach in the City whether such polythene meets the requirement of 40 microns or otherwise
- This will support local industry and allow others to invest in the sector
- FC to ensure that no polythene of any type, kind or sort is allowed inside the premises of the province and for this FC to share monthly progress report on the containment of polythene bags/shipments seized
- Pakistan Customs to declare polythene as contraband and ensure tangible and visible efforts in curtailing the smuggling of polythene by all means
- Pakistan Customs to submit monthly progress report to the oversight committee on their operations/efforts on polythene

### **EPA Responsibilities**

- Monthly visits of the scenic spots, environmentally sensitive areas and such other areas will be produced by EPA
- EPA will also produce monthly report on the state of polythene bags management in the city and highlight further efforts in the sector
- EPA will monitor the work of all stakeholders responsible for Polythene Management in the City
- EPA will apply the invocation of BEPA 2012 provisions to ensure compliance

### **District Administration Quetta**

- District Administration to ensure through its apparatus of force and vigilance that no polythene enters the premises of district Quetta. If such supply passage is observed, the matter will be tabled before the oversight committee
- After introduction of 40 microns bags, all traders, business small or large and every unit shall have one month period to dispense with polythene they may hold
- After the deadline, District Administration along with reps of EPA and QMC shall launch indiscriminate crackdown against polythene short of 40 microns
- The imposition of penalties under the applicable laws will be made

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### **BRSP/TF/WESS Responsibilities**

- BRSP, WESS and TF shall arrange for exclusive public awareness sessions in the community, business areas, commercial centers and schools and colleges of the city of polythene
- These CSOs shall submit monthly anti-polythene plans of the soft activities
- CSOs shall organize Polythene Pick-up campaigns for picking polythene from scenic spots and such environmentally sensitive areas through school, college and university students
- QMC to provide all out support to the CSOs in execution of their tasks and activities
- All commercial banks shall ensure the fixation of two tri-trolley dust bins in and around their banks for public usage
- All the big business units shall ensure fixation of two tri-trolley dust bins in and around their units for public usage

### **QMC Responsibilities**

Polythene is an item of the solid waste and solid waste management is the whole mandate of the QMC. QMC has to take full and serious responsibility towards managing the polythene issue in the city

- QMC to ensure that Polythene is picked up from drains, nallas and solid waste dump sites regularly
- QMC to submit comprehensive plan with HR indication, time table and mechanism of the polythene picking up from the above sites
- QMC to safely dispose off the polythene collected from drains, nallas and solid waste dump sites
- QMC to impose Cleanliness Tax on all business and commercial units and shall expend the amount on improving cleanliness in the city
- QMC to ensure that every night after shops are closed the main and dense commercial areas are visited and waste of any type in front of the shops left out be pictured/recorded
- All such units be given notices for keeping clean their ambient environment as their basic responsibility
- Repeated breach should allow QMC impose such fine as permissible under their laws/rules or under EPA laws/rules

#### **B.4. Advocacy/Awareness**

**This regime area will be completely executed by BRSP, WESS, Taraqee Foundation and Govt will mobilize enough funding opportunities besides the aforementioned Organizations' own resources. Primarily, the above CSOs shall wholly rely on their resources as social contribution**

- Messages on cable tv channels and robust social media campaign and FM Radio Messages/Programs

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- Banners display on identifiable and prominent places for creating mass public awareness
- Broachers/leaflets at household level and at educational institutes
- Walks, Seminar's, and Days celebration

## **C. STRATEGY FOR IMPLEMENTATION OF SOCIAL MOBILIZATION MODEL FOR MANAGEMENT OF POLYTHENE**

### **C.1. STEP I: BASELINE SURVEY**

Starting the project activities through baseline survey

- Data collection for setting benchmarks regarding polythene current use
- Existing practices of polythene management
- Assess good practices
- Measurement of recycle items
- Measurement of polythene in KGs
- Harms due to spread of polythene spread
- Closure of Drain due to polythene
- Other health and environmental hazards due to polythene

### **C.2. STEP 2: SOCIAL MOBILIZATION BY WESS/BRSP/TF**

**Formation of PWM committees: (Polythene Waste Management)**

- Orientation of communities proposed action of polythene management mechanism
- Dialogues for Sensitization of community on polythene related issues.
- Signing term of partnership (TOP) with committees
- PWM work plan with the community

### **C.3. STEP 3: Identification and linkages of Garbage Workers and linkage development with Government Polythene Agents**

- Meeting with area supervisor of QMC for identification of garbage collectors/workers.
- Orientation of action to workers
- Linkages of garbage collectors with licensed agents
- Collection of polythene in separate container and handing over to agents

### **C.4. STEP 4: Garbage disposal mechanism and recycle items**

- Collect solid waste and separation of polythene separately at household level.
- Disposing off the waste material and or handing over to licensed agents

## **D. EXCLUSIVE BRSP SUPPORT**

4.1. BRSP will carry out awareness raising campaigns on "N4M Bags" through linking with few ongoing projects activities such as but not limited to the followings:

### **D.1. Project through RSPN**

A. **IEC Material Development:** BRSP will prepare IEC material for promotion of N4M bags in district Qta

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- B. **IEC Material Distribution:** IEC material will be distributed to communities, offices, schools, banks and scenic spots in close coordination with QMC and EPA.
- C. **Messages on Environment Protection** drive at scenic places, offices and schools will be carried out at suitable time.
- D. **Some N4M bags** will be distributed to banks and business malls for sensitization purpose in coordination with QMC and EPA in district Quetta

## **OVERSIGHT COMMITTEE**

### **COMPOSITION:**

The committee shall be composed as:

- |   |             |
|---|-------------|
| 1. Secretary Environment and Climate Change Department  | Chairman    |
| 2. Secretary Local Government Department                | Co Chairman |
| 3. One Member from the Environmental Protection Council | Member      |
| 4. DG EPA   | Member      |
| 5. Commissioner Quetta Division                         | Member      |
| 6. Administrator QMC                                    | Member      |
| 7. DC Quetta  | Member      |
| 8. Pakistan Customs not below the rank of BPS-19        | Member      |
| 9. Pakistan FC not below the rank of BPS-19             | Member      |
| 10. CEOs BRSP/TF/WESS                                   | Member      |
| 11. President Anjume.e.Tajiraan                         | Member      |

### **MEETINGS:**

The oversight committee shall meet once in month where the following organizations shall submit their progress review reports as regards the drive against polythene

1. EPA
2. QMC
3. District Administration Quetta
4. Pakistan Customs
5. FC
6. BRSP, WESS, TF
7. Anjumen-e-Tajiraan
8. The Agent
9. Any other Members included by the Chairs

### **ToRs**

1. To take progress from all stakeholders on monthly basis
2. To guide the stakeholders on taking such other steps, plans and measures
3. To supervise the activities and guide the stakeholders on further augmentation

## **GENERAL LIAISON AND COORDINATION COMMITTEE**

### **COMPOSITION:**

The committee shall be composed as:

- |   |          |
|---|----------|
| 1. Administrator QMC                                    | Chairman |
| 2. Director EPA   | Member   |
| 3. Rep of Commissioner Quetta Division                  | Member   |
| 4. Rep of DC Quetta                                     | Member   |
| 5. Rep of Pakistan Customs not below the rank of BPS-17 | Member   |
| 6. Rep of Pakistan FC not below the rank of BPS-17      | Member   |
| 7. Reps of CEOs BRSP/TF/WESS                            | Member   |
| 8. Rep of President Anjume.e.Tajiraan                   | Member   |

### **MEETINGS:**

the committee shall ensure the sharing of information and provision of any kind of assistance, support and clearance towards the polythene management issue.