

Circular Economy for Plastics in India Roadmap: Objectives



Objective 1: Adopting sustainable material solutions-use of bio-based polymers, substitution of virgin polymer with recycled polymer, and dematerialization of plastic products.

Action

- R&D around sustainable material solutions
- Targets (voluntary and mandatory) for adoption of sustainable material solutions
- Circular designs on plastic products (including packaging)



- Green Procurement
- Incentivizing sustainable material use
- Knowledge creation



- Awareness generation
- Technology based solution
- Business development support programme



Objective 2: Increase supply of good quality secondary plastics feedstock (recycled plastics).

Action

- Awareness generation
- Knowledge creation



- Infrastructure for waste recycling
- Incentivize supply of quality recycled plastics



- Informal sector integration with formal sector
- Capacity building



Objective 3: Invent, innovate, and encourage alternative uses of difficult to recycle plastic waste.

Action

- Expanding reutilization
- R&D to find economically viable alternative new uses



- Infrastructure for existing and new uses
- Business development support programme



- Industry collaboration and partnership



Policy

- Policy Inputs to Rural and Urban governing bodies on inclusion of Circularity
- Policy inputs for EPR
- Capacity Building of Govt officials and other Industry Bodies

People

- Behaviour Change towards 'My Waste is My Responsibility'
- Engagement in governance to demand CE based solutions from the Govt and Industry

Process & Technology

- Implementing Source Segregation
- Streamlining Segregated Waste Collection
- Decentralised Waste Management
- Implementing EPR

Industry

- Making EPR more Circular
- Moving towards Zero Waste
- Employee engagement and sensitisation

SDGs targeted and Impact



Plastic Waste Rules 2016 (Circular Model Drawn)

Introduction of Plastic Materials	Use and Generation of Plastic Waste	Collection and Utilization of Plastic Waste
Manufacturers	Waste Generator	Waste Pickers
Producer (EPF) - Importers - Brandowners	Institutional Waste Generator	Recyclers/Processors
- CPCB/SPCB - District Magistrate/Deputy Commissioner	- Urban Development Departments - Local Bodies, Municipal Authorities & Gram Panchayat - District Magistrate/Deputy Commissioner	