

Best practices for plastics waste management

Indore (India)

- 100% coverage of all sources for waste collection
- Source segregation and vehicles for segregated waste transportation
- Material Recovery Facilities (MRF) to get high quality outputs attracting recyclers
- Part of plastic waste utilized for construction of the roads
- Bio-remediation of legacy waste sites
- IEC, Promoting 3R (Reduce, Re-use and Recycle) , and non-plastic alternatives (eg, cloth-based carry bags)
- Awareness building of masses

Ambikapur (India)

- 100% coverage for collection through trained women workers
- Solid & Liquid Resource Management (SLRM) model and ensuring 3-tier segregation- source, MRF centres and tertiary centres
- 80 MRFs for 30-way segregation before sending it to recyclers
- Green volunteers for daily coverage of IEC with citizens
- Garbage café model to incentivize plastic waste collection through a model designed on the lines of barter system
- Didi Bartan banks to reduce single use plastic crockery
- Coloured SUPs compressed and sent to cement kilns for co-processing.

Stavanger (Norway)

- Climate & Environmental plan 2018-2030 including waste reduction based on circular economy
- Disposable cutlery replaced with reusable tableware in schools.
- Deposit Refund system in Government offices by designing and taking back reusable boxes for food takeaways
- Business models for lending tableware in public/private events
- Horticulture based plastic packaging collected for bailing & recycling.
- Waste sorting plant for 5-way segregation & recycling into pellets
- Government supporting (funding/equipment) clean-ups through local groups & clubs to divert waste from entering marine environment

Oslo (Norway)

- Oslo City Action Plan 2019-20 to reduce plastic pollution through short- and long-term measures.
- 4-fractions segregation using colour coded bags at household level.
- Smart waste containers with sensors installed in Public spaces
- Optical sorting facility where companies under EPR take back the plastic packaging to recycling plants
- Public procurement with a focus to reduce plastic consumption guided by the National Action plan.
- Research on micro- and nano plastics and developing alternatives
- IEC for awareness on plastic pollution in youth and school children