Forum of Cities that Segregate
Assessment meeting
(7th June, 2018)
New Delhi

Vengurla Municipal Council
Vengurla, Sindhudurg.
State: Maharastra.
Improvement in status of waste management since December, 2017

Segregation in percentage (100%):
- Segregation started since October 2015 till date
- Total 17(out of 17) wards where segregation is happening,
  - Door to door (DTD) collection 7TD(100%)
  - Collection efficiency (in %):100%
  - Processing (recycling & treatment of wet/dry waste):
    - Wet waste 1.5-2 TPD(wet waste > Biogas> Electricity)
    - Dry Waste 4.5-5 TPD(Briquette, Natural composting, Vermi-compost, Plastic crush, scrap material)
- Disposal: How much percentage is being disposed?
  All 100% waste is either processed or recycled. Vengurla is one of it’s kind ‘Zero Waste City’.
Improvement in the following

• Vengurla city has been doing Solid waste management since October 2015 by laws and SWM Rules 2016

• Vengurla Municipal council has passed the resolution against use of plastic carry bags in 2015

• Vengurla municipal council have made provision of penalty to irradiate open littering.

• Vengurla City achieved 100% DTD collection of 27 way segregated waste.
Has the ULB adopted Centralized Waste Management since October 2015

- Composting (Pit composting, bag composting)
- Vermi - Composting
- Biomethanisation
- Briquette Unit
- Plastic Crusher machine
- Thermocol Crusher machine
- Scrap Material Sale
Major gaps and challenges of source segregation

• Segregation is not one night process. Adopting segregation in peoples mind was crucial task. Vengurla municipal council continuously arrange seminar and counseling for citizen

• It all started with four type(wet waste, Dry waste, plastic waste, glass and metal waste) segregation and now Vengurla municipal council collected 100% DTD collection in 27 Type of waste.

• 100% DTD segregation since 2015.

• 100% daily collection by GPS monitories Garbage collection vehicle.

• 100% Daily processing on collected waste.
Segregation at source – 4 way & 27 way segregation

Solid Waste Management

- Wet waste
- Dry waste
- Plastic waste
- Glass waste
- Paper waste
- Thermocol waste
- Egg waste
- Electric waste
- Hair waste
- Tyre waste
- Foot ware waste
- Sanitary napkin & diapers
- Cloth waste
- Rexene bags waste
- Coir & coconut shells
- Leaf waste
Plastic Eradication Campaign – Based on three principals

1. Public awareness

2. Alternatives to plastic bags

3. Effective enforcement of law
From Waste to the Best

Briquette formation from Garden waste

Bio-methanation plant

Plastic Crusher Machine

Garbage Screening Machine

Dumping Ground turns into Cultivable Land