KOZHIKODE MUNICIPAL CORPORATION

‘SHUCHITHWA SANGAMAM 2020’
KOZHIKODE MUNICIPAL CORPORATION

- Established in 1962.
- Geographical area: 118.59 SQ.KMS (5% of Kozhikode district).
- It has 75 electoral wards.
- Total no of houses: 39507
- Total no of institutions: 30120
- Total no. of hotels: 565
- Total no. of lodges: 136
- Total no. of hospitals & paramedical institutions: 371
- Total no. of marriage halls: 34
- Total no. of flats: 343
- No. of educational institutions: 316
- Total road length: 1026 KM
- Large market: 2 (Central market & Vegetable market)
WASTE GENERATION

- **TOTAL WASTE GENERATED** – 300 TPD
  - BIO DEGRADABLE WASTE – 205 TPD
  - NON BIO DEGRADABLE WASTE – 95 TPD
    - TOTAL PLASTIC WASTE - 15 TPD
    - TOTAL HAZARDOUS WASTE - 1.5 TPD
    - TOTAL PAPER WASTE - 9 TPD
    - OTHERS _(GLASS,CLOTH,METAL,REXIN,E WASTE ETC)_ -59.5 TPD
  - INERT – 10 TPD

- **TOTAL WASTE COLLECTED**
  - BIO DEGRADABLE WASTE COLLECTED – 120 TPD
  - NON BIO DEGRADABLE WASTE COLLECTED – 10 TPD
BIO DEGRADABLE WASTE PROCESSING

- Bio Degradable Waste Generated – 205 TPD
- Bio Degradable Waste Collected – 120 TPD
- Bio Degradable Waste Treated – 120 TPD

(Treated by Windrow, Aerobic Composting, Chicken Rendering Plant, Bio Methanisation)
SOLID WASTE MANAGEMENT

I) Centralized plant – 1
   • Njeliyamparamba by windrow composting method.
   • Capacity is 100Tone/day – **Treated 95TPD**

II) Decentralised Plant – 36 Numbers
   • 30 Numbers of Bio Gas (50 Kg/day) in schools. **Treated 1.5 TPD**
   • 3 Numbers of Bio Gas with capacity of 2 TPD in markets and Bust Stand. **Treated 6 TPD**
   • 3 No's in other institutions. **Treated 0.5TPD**

III) Chicken Rendering Plant – Capacity 40 TPD- **Treated 8TPD**

IV) Community Level Composting – 26 Units
   Aerobic composting_Thumburmuzhi Model_ **Treated 9 TPD**
CHICKEN RENDERING PLANT

- Capacity – 40 TPD
- Total Chicken Waste Treated – 12 TPD
- No. Of chicken stalls – 172
- Royalty per kg - Rs.10/Kg
- Royalty amount received – Rs.500000/

This is first of its kind in kerala.
Non-Biodegradable Waste Processing

**MRF - 1**
- 1-West Hill
- 2-Neliyanparamba

**MRF - 2**
NON-BIODEGRADABLE WASTE PROCESSING

- Non-biodegradable waste generated – 95 TPD
- Non-biodegradable waste collected – 60 TPD
- Non-biodegradable waste treated – 10 TPD

(Through harithakarma sena/ Residents association/NGOs)

- No. Of MCF started – 6
- No. Of MRF started – 1+1 Under Construction (98% completed)

- Quantity of shredded plastic – 45 T
- Shredded plastic used for road tarring – 20 T
- Quantity of bailed plastic – 32 TPD
SOURCE LEVEL COMPOSTING

1) Pipe Compost – 10251 Nos - 5125.5kg/day treated
2) Biogas plant – 444 Nos - 1776kg/day treated
3) Ring Compost – 289 Nos - 528kg/day treated
HARITHA KARMASENA DEPLOYED

- Total no. of Harithakarma Sena – 436
- Average monthly wages per head Rs10000/- - Rs.48 lakhs
- No. of houses /Institutions covered – 82500 (in 55 wards)
- Average user fee collected - Rs.42 lakh/month
- Total amount of VGF allotted - Rs.69Lakhs
GREEN PROTOCOL LAUNCHING

1) No. Of Govt. Offices introduced green protocol – 68
2) No. Of educational institutions introduced green protocol – 162
3) No. Of steel glasses & plate vessels purchased for green protocol – 7500 (25 Lakhs year marked for 19-20
WATER CONSERVATION

- Total no. of ponds – 104
- Total no. of ponds renewed – 36
- Total no. of ponds cleaned – 12
- Total length of canal cleaned – 11.2
- Cost of cleaning – CSR Fund 45 Lakhs & public participation
- Total No. Of participants – 5250
- Total waste removed – 15 tone
OPERATION CANOLI CANAL

- 11.2km canoli canal cleaned with public participation.
- 25 Tone Plastic Waste Removed
- 5 Tone Bio Degradable Waste Removed
Beach Cleaning
22.5km Cleaned With Public Participation

1) No. Of Volunteers Participated – 1210
2) Quantity of waste removed -- 2800kg
AGRICULTURAL

✔ TOTAL AREA OF CULTIVATION – 844 HECTOR

✔ TOTAL AREA OF PADDY CULTIVATION – 6.2 HECTOR

✔ TOTAL QUANTITY OF PADDY CULTIVATED -7.5 T/YEAR

✔ TOTAL NO. OF VEG CLUSTER – 27 HECTOR

✔ HARITHA SAMRUDHI WARD –2 (WARD–10 & 44)

✔ TOTAL AREA OF VEG CULTIVATION – 16 HECTOR
ACTION AGAINST POLUTION

ENFORCEMENT

1) Night squad formed
2) Special squad formed
3) Fine Imposed 18-19
   Rs.40 lakhs
4) Fine imposed last year
   – Rs.5.2cr
5) Fine collected 18-19
   Rs.38 lakhs
6) Fine collected last year
   – Rs. 5.2cr
7) Shop/establishment inspected
   – 1296
8) No. Of case compounded 2018-19
   – 970
3 NEW BYLAWS INTRODUCED

1) പ്ലാസ്റ്റിക്-ഖര-വിഭാഗത്തിന്റെ നിയമാവലി 2019

2) ഭക്ഷണശാലകളിലെ ഗുണനിലവാരവും ശുചീകരണവും ഉറപ്പുവരുത്താനാവുന്ന നിയമാവലി 2019

3) വളർത്തുനായകൾക്കുള്ള ലലസൻ നിയമാവലി 2019
PACHATHURUTH PROJECT

1) Total No. Of pachathuruth project – 2
2) No. Of sapplings planted – 140
3) No. Of plant planed – 500
4) Fund year marked -15 Lakhs (Employment Guarantee scheme)

MANGO PARK IN ERAVATHUKUNNU
Proposed Major Projects

Waste to Energy Projects
- Capacity - 300 TPD
- 250 Crore Project Awarded and Foundation Stone Laid by CM of Kerala

Legacy Waste Removal
- A 8 Crore Project Awarded
AWARDS & RECOGNITIONS

1) PCB Award in 2017
2) PCB Award in 2018
3) Swachh Survekshan Ranked 325 in 2017
4) Swachh Survekshan Ranked 243 in 2018
5) Swachh Survekshan Ranked 1 in Kerala in 2018
THANK YOU

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