TARAKAN CITY, EAST KALIMANTAN PROVINCE, INDONESIA

1. Area (km²) = 650
2. Total Population = 230,000 people
Total of Waste: 300 m³/day

Total of waste disposed to TPA (final disposal area) /year (2011) = 69.152.5 m³

Average / month = 5763 m³

Average / day = 189 m³

Sources: DKKP, 2011
### Household Waste Composition

<table>
<thead>
<tr>
<th>Type of Waste</th>
<th>Percentage (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organic Waste</td>
<td>40%</td>
</tr>
<tr>
<td>Textiles</td>
<td>2%</td>
</tr>
<tr>
<td>Plastic</td>
<td>17%</td>
</tr>
<tr>
<td>Glass</td>
<td>1%</td>
</tr>
<tr>
<td>Grass and Wood</td>
<td>12%</td>
</tr>
<tr>
<td>Rubber</td>
<td>1%</td>
</tr>
<tr>
<td>Metal</td>
<td>1%</td>
</tr>
<tr>
<td>Tiles</td>
<td>1%</td>
</tr>
<tr>
<td>Paper</td>
<td>16%</td>
</tr>
<tr>
<td>Etc.</td>
<td>8%</td>
</tr>
</tbody>
</table>

Sumber data : DKPP 2010
FLAGSHIP PROGRAM

- WASTE MANAGEMENT BY S3R SYSTEM (SEPERATE, REDUCE, REUSE, RECYCLE)
- WASTE MANAGEMENT AT HOUSEHOLD AND COMMUNITY LEVEL
- SOLID WASTE BANK (BANK SAMPAH)
- ENVIRONMENT SAVING (WASTE BANK at SCHOOL = "TABUNGAN LINGKUNGAN")
- WASTE COLLECTING
- WASTE TREATMENT AT FINAL DISPOSAL AREA
Depo Kompos (Compost Center)

Tarakan city have 4 Depo Kompos assistance by DKPP (Department of Cleansing and gardening) that help community-based composting program. Custodians of Depo will collect classified garbage from their neighborhood community.

Tarakan city have 2 Depo Kompos for 2 traditional market. It will collect classified garbage from the market. Organic waste treated into compost and sell an-norganic to the junkshop. The residu will transported to TPA.(Final Disposa Area)

The effectiveness of Depo in neighborhood is 96 %
WASTE MANAGEMENT (composting) AT HOUSEHOLD LEVEL, RT.03/Kel. Karang Anyar & RT.16/Kel. Karang Anyar Pantai

- Start 2007
WASTE MANAGEMENT AT HOUSEHOLD LEVEL, RT.16/ KELURAHAN KARANG ANYAR PANTAI

Kegiatan perakitan keranjang kompos oleh ibu-ibu dasawisma

Model pengomposan skala rumah tangga

Model pemilahan sampah skala rumah tangga

Kondisi TPS lama

DED renovasi TPS – Eco center (rumah kompos)

Fasilitas Eco Center RT 16 KAP
COMPOSTING AT HOUSEHOLD LEVEL, RT 7 JUATA PERMAI
RT 5 JUATA PERMAI
WASTE MANAGEMENT WITH 3R SYSTEM
KIPRAH (KITA-PRO-SAMPAH) AT COMMUNITY LEVEL,
KELURAHAN KARANG REJO

Produk:
Kompos
Liquid Kompos
WASTE MANAGEMENT WITH 3R SYSTEM, KELURAHAN KAMPUNG ENAM

Peta pengguna (845 KK)

Pengomposan di Depo Kp. Enam

DED bangunan Depo 3R

Tahap konstruksi Depo 3R
TIS-KEBAL, producing compost in traditional market
3. Community waste sorting program
DKPP provide S3R counseling and classified plastic bag to community
2. Classified Trash Bin
to make separating rubbish easier. There are 250 units of them scattered throughout the city.
4. Environment Saving
Inspired by the eco-savers from Marikina in the Philippines.
Launched at February, 21th 2012

The Execution of MoU

Launched marked by granting passbook to students
THANK YOU