



TARAKAN CITY

LOCAL GOVERNMENT

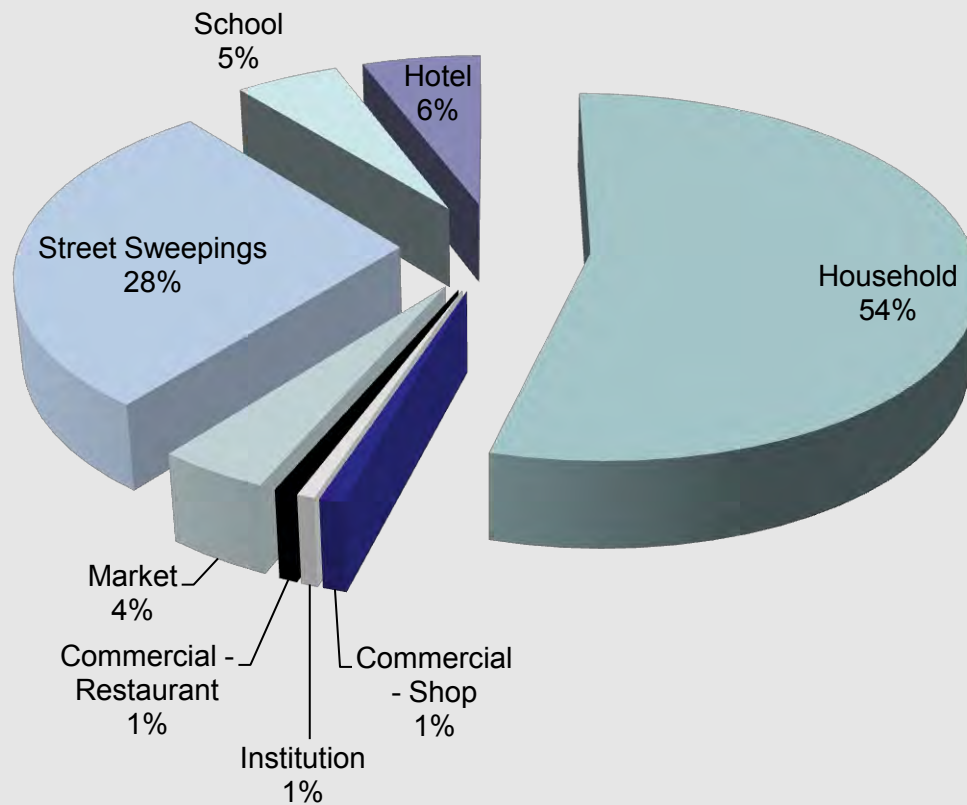
TARAKAN CITY, EAST KALIMANTAN PROVINCE, INDONESIA



1. Area (km²) = 650

2. Total Population = 230.000 people

Figure 1. Tarakan City Waste Source



Total of Waste : 300
m³/day

Total of waste disposed to
TPA (final disposal area)
/year (2011) = 69.152,5 m³

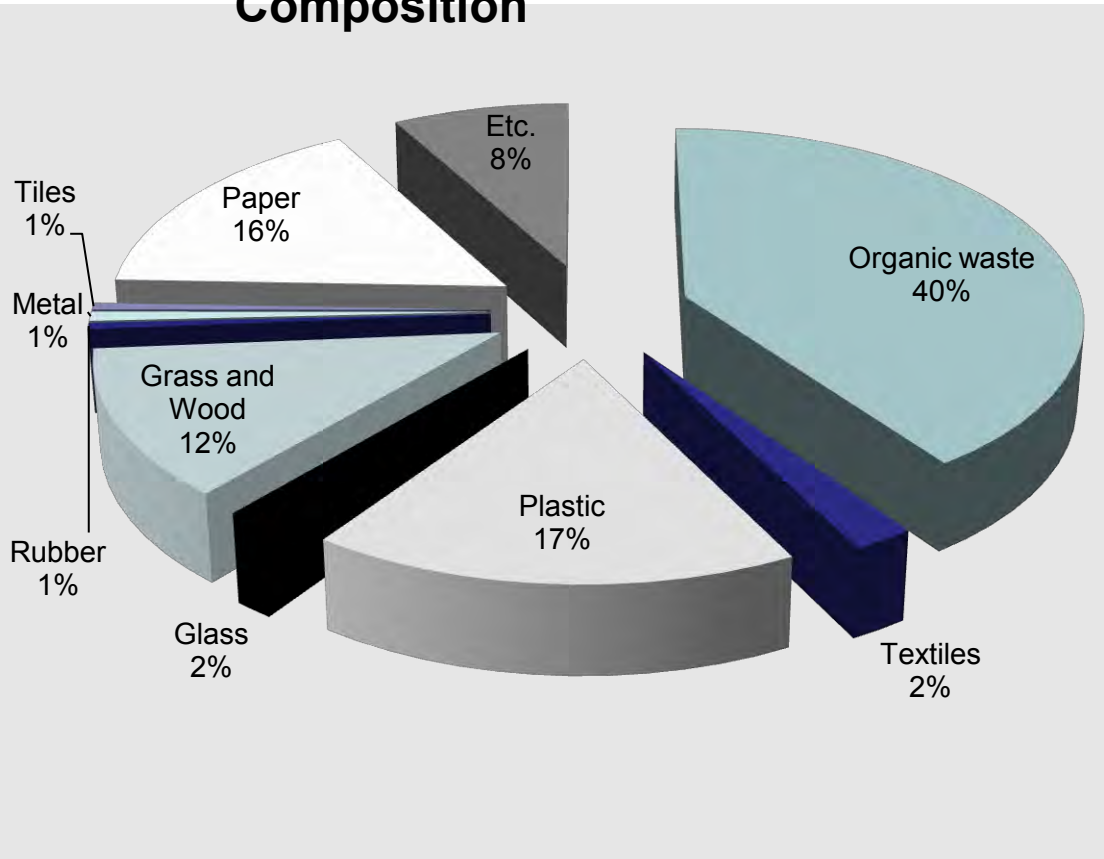
Average / month
= 5763 m³

Average / day
= 189 m³

Sources: DKKP, 2011

Tarakan City-Indonesia

Figure 2. Household Waste Composition



Type of waste	Percentage (%)
Organic Waste	40%
Textiles	2%
Plastic	17%
Glass	1%
Grass and Wood	12%
Rubber	1%
Metal	1%
Tiles	1%
Paper	16%
Etc.	8%

Type of Waste	Percentage (%)
Organic Waste	52
Non-Organic Waste	48

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



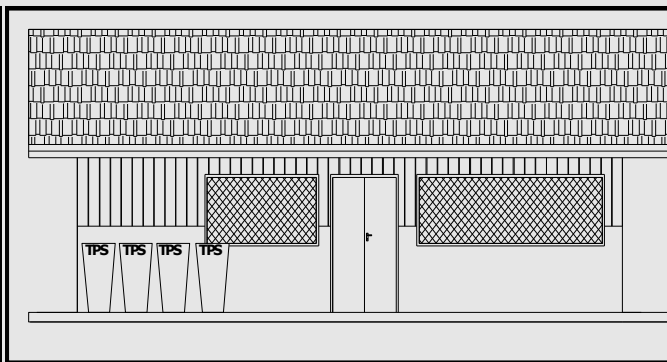
Model pengomposan skala rumah tangga



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

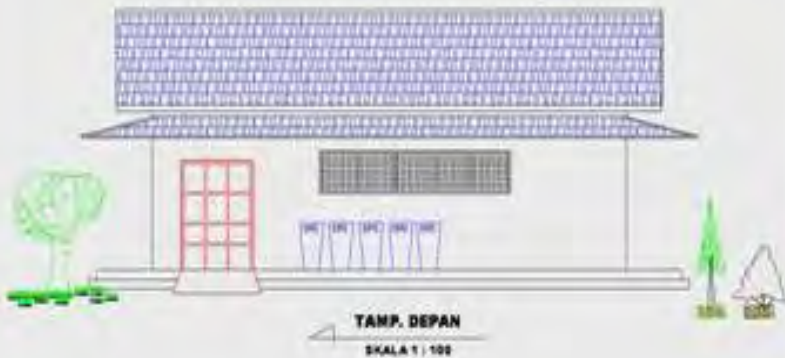
WASTE MANAGEMENT WITH 3R SYSTEM, KELURAHAN KAMPUNG ENAM



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, 21 th 2012



The Execution of MoU



Launched marked by granting passbook to students



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THANK YOU