



Providing affordable and environmentally friendly waste management services

Summary

Situation:

- Nairobi: 2.5 million people without waste management services
- Severe health and environmental problems

Complication:

- No recycling
- Waste collection unaffordable for majority of citizens

Solution: Social waste management company

- Recycling and composting up to 80% of waste
- Innovative business model for lower income areas

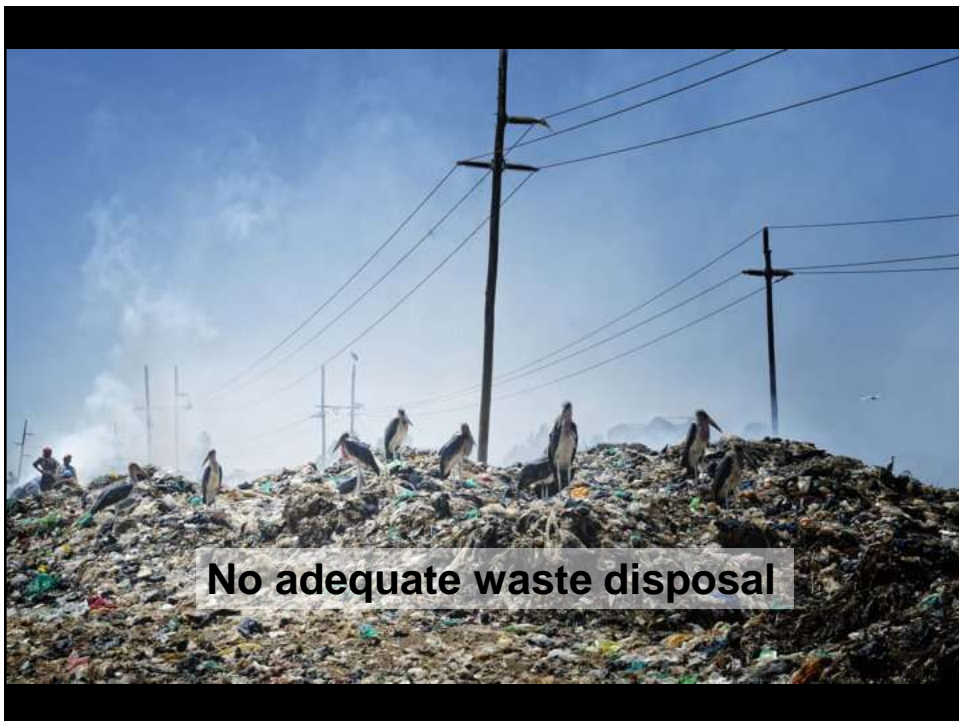
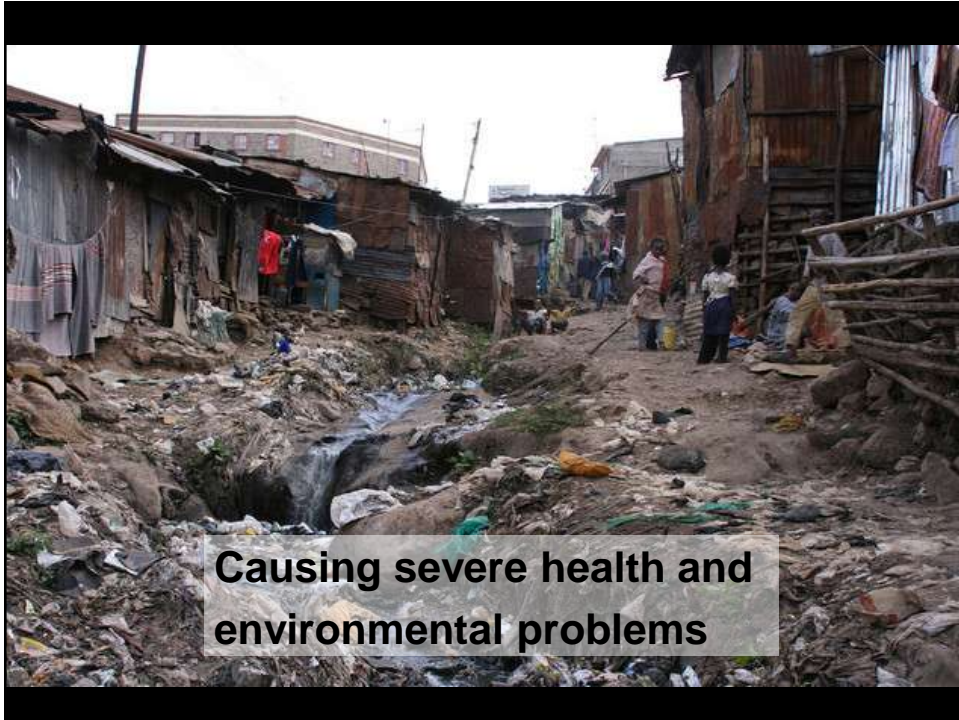
Globally: 2.6 billion people without waste management services



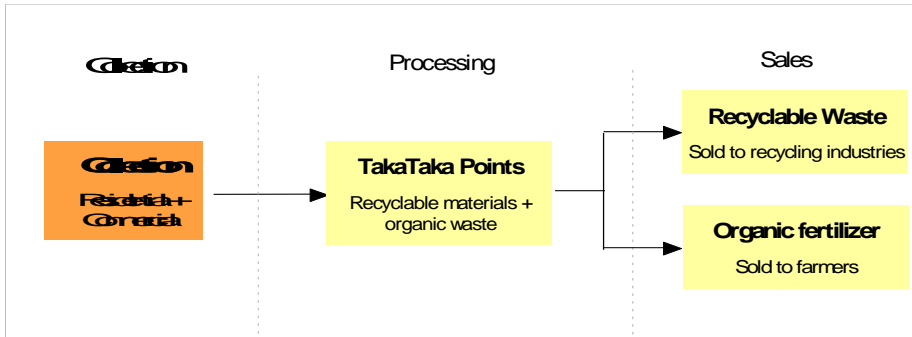
Nairobi: 66% of the population without waste management services



Regional workshop in East Africa – FAO – Food for the Cities
Ensuring resilient food systems in African Cities
Nairobi, 13-14 December 2011
Partner organization : Mazingira Institute



The TakaTaka Solution



- Affordable waste collection: 80 Ksh/household/month
- Income of waste collectors x4
- Global pioneer for sustainable waste management in lower income areas

Current Practice

Kenya

- Collection for disposal
- No recycling

Internationally

- NGO-based
- Whole-value-chain approach



Model in detail

Scalable

- Differentiated value chain
- Franchised collection

Sustainable

- Economic
- Social
- Environmental
- Food security

Status quo

Pilot in Kangemi:

- Serving Kangemi market with around 4 tonnes of waste per day
- Serving 1,500 households and local businesses

Scaling late 2012:

- Industrial scale composting facility
- Geographic and client-type expansion

Goal 2015:

- 600,000 people served
- 40,000 tonnes of organic fertilizer produced per year

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