

Food waste Management in Bangkok, Thailand









Solid Waste Situations







Waste Collection		Waste Personnel	
General waste	8,943 tons/day (2011) 9,748 tons/day (2012) 9,966 tons/day (2013) 9,900 tons/day (2014) (21% of Thailand) 88% disposed by sanitary landfill	Waste collection drivers	2,587 persons
		Waste collection workers	7,591 persons
		Sweepers	9,042 persons
		Waste tow volunteers	240 persons
		Waste tow communities	229 communities
	12% composting	waste collection trucks	2,000 trucks
Infectious waste	30 tons/day disposed by incinerator		(1,477 hired trucks)
Generation rate	0.99 kg/capita/day		

Management cost ~ 167 million US Dollars/annual

Solid Waste Situations

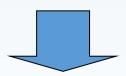






In 2014 (October 2013-September 2014)

Bangkok: Waste Coollection: 9,900 tons/day



- · Composting: 1,200 tons/day (12%)
- Sanitary Landfill: 8,600 tons/day (88%)

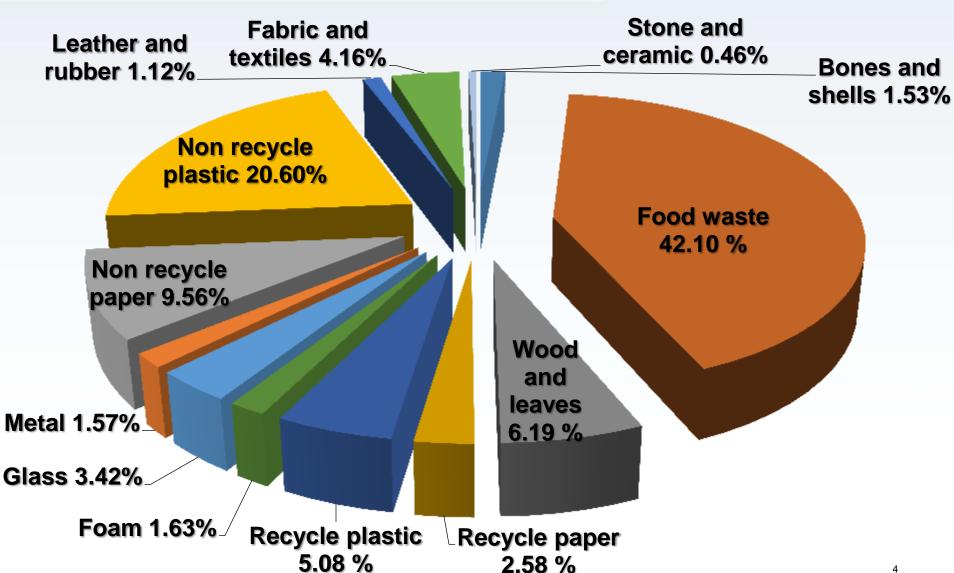
Solid Waste Situations







Waste Composition at Transfer Stations (2014)













Fermentation liquid





fruit scraps **Multi-**

14/09/2011 04:08 PM

Transform organic waste into clean energy

















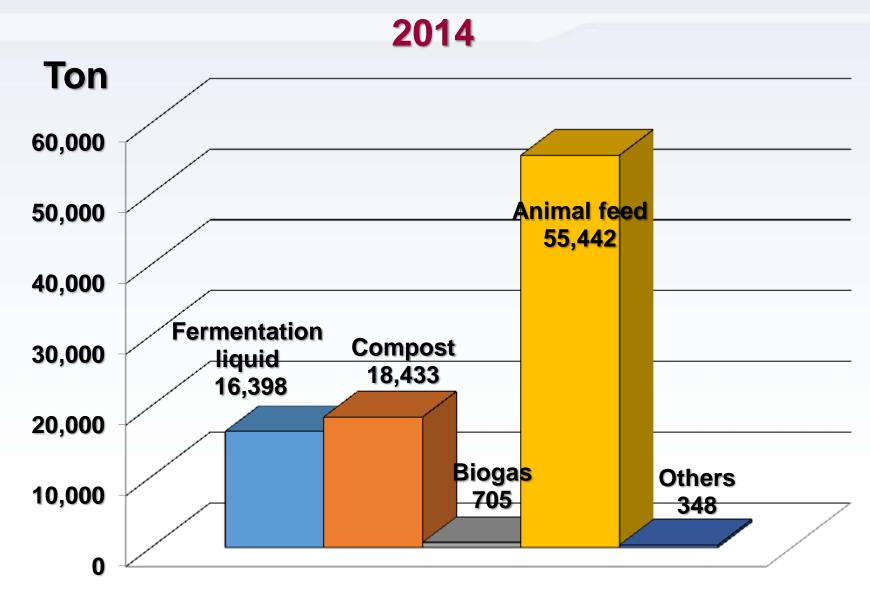
Separation food waste for animal feed

- = reduce > half of waste collection fee
- = lower waste amount









Law or regulation food waste







- National Council for Peace and Order's Roadmap
 - No more open dump
 - Waste minimization in household
 - Plan waste management in every province
 - Separate and properly handle hazardous waste
 - Local government legislate and enforce people to separate waste

Collecting Time table









Main Street & Secondary Road

Lay in front of house08.00 p.m. – 03.00 a.m. everyday

Lane, Alley, Community

- Everyday
- Alternately
- Suitable Condition
- food waste , general waste
- **-**

everyday

- recycle waste

- \rightarrow
- Sunday / once a week

- hazardous waste, wood
- 1st and 15th of month





















The participation of all stakeholders is required to overcome these urgent and critical problems under the slogan

"Together We Can"









Thank You for Your Attention