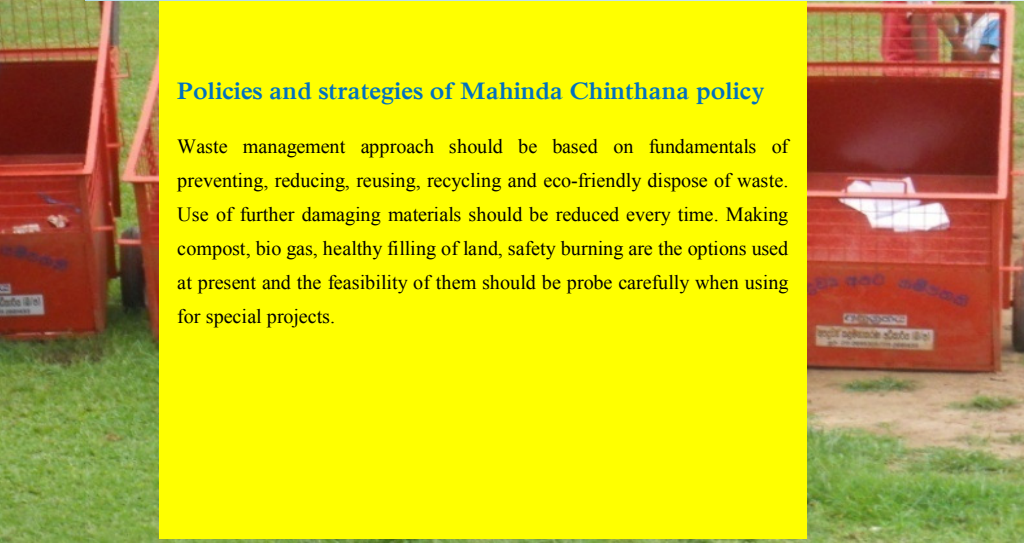


# A cleaner city.....

## Policies and strategies of Mahinda Chinthana policy

Waste management approach should be based on fundamentals of preventing, reducing, reusing, recycling and eco-friendly dispose of waste. Use of further damaging materials should be reduced every time. Making compost, bio gas, healthy filling of land, safety burning are the options used at present and the feasibility of them should be probe carefully when using for special projects.





Compost project at Pohorawatta



### Functions

- Management of municipal solid waste
- Management of sewerage and liquid waste
- Management of industrial waste
- Management of healthcare waste
- Management of construction waste
- Management of air pollution
- Capacity building

### Operating special projects

- Piwithuru pasal
- Parisara kakulu
- Parisara mithuro
- Piwithuru suwa piyasa
- Piwituru ayathana



Compost project at Kolonnawa



Bio gas project at Wattala



Compost project at Kaduwela

# Waste management project at Karadiyana

Operations of Karadiyana project



Before commencing Karadiyana project



Before commencing Karadiyana project



# Western Province – Waste Management

## Development of recent 5 years (2007-2011)

Program / Project	Benefits and targets	Present condition and progress
Small scale community based waste management programs (Piwithuru pura program)	Providing public facilities to community for waste management, providing infrastructure for Local Government Bodies for waste management, and building capacity of those bodies	Has increased separation of waste from 0% to 12% Has increased collection of waste from 50% - 75% Has increased domestic composting up to 03 MT/day Piwituru parawara projects have covered 60 Grama Niladari Divisions
Operating medium scale waste management programs in relation with Local Government Bodies	providing infrastructure for Local Government Bodies to use separated waste as a resource in local government level and building capacity of those bodies	Initiating medium scale compost projects as covering Kaduwela Municipal Council, Kotikawatta Pradeshiya Sabha, Moratuwa Municipal Council, Seethawakapura Urban Council, Seethawakapura Pradesheeya Sabha.  Capacity of above projects is 50 MT/day Producing 10 MT compost per day Commencing medium scale bio gas projects
Operating large scale projects and improving facilities for final general dispose of waste for Local Government Bodies	Bomiriya - Kaduwela (580 MT/day ) ( in a 5 acre land) Karadiyana - Kesbewa (MT/day ) ( in a 37 acre land ) Generating power 1000 MT/day Composting, recycling facilities 60 MT NBT project 50 MT Kolonnawa compost project 45 MT/day	Has completed EIA. Has provided provisions for dispose of waste of Dehiwala, Moratuwa, Kesbewa, Boralasingamuwa Local Government Bodies  EIA are carrying out. Under construction Due to grant under KOIKA 2012 Grant Aid Being operated

## Future development goals

Output	2012	2013	2014	2015	2016
Separating municipal solid waste at their breeding grounds	20%	25%	35%	40%	50%
Collecting municipal solid waste	75%	80%	85%	90%	95%
Making compost by organic waste (total amount of organic waste relatively)	36% 340 (MT/day)	18% 390 (MT/day)	20% 470 (MT/day)	25% 634 (MT/day)	30% 820 (MT/day)
Referring plastic waste for recycling	25% 39 (MT/day)	28% 45 (MT/day)	32% 55 (MT/day)	37% 69 (MT/day)	45% 90 (MT/day)
Referring glass for recycling	60% 26 (MT/day)	75% 33 (MT/day)	85% 40 (MT/day)	90% 46 (MT/day)	90% 46 (MT/day)
Referring iron for recycling	70% 43 (MT/day)	75% 44 (MT/day)	80% 55 (MT/day)	85% 65 (MT/day)	95% 72 (MT/day)
Generating power through waste	30% 626 (MT/day)	60% 1426 (MT/day)	60% 1426 (MT/day)	80% 2031 (MT/day)	80% 2031 (MT/day)
Filling open lands	55%	19%	15%	04%	04%