

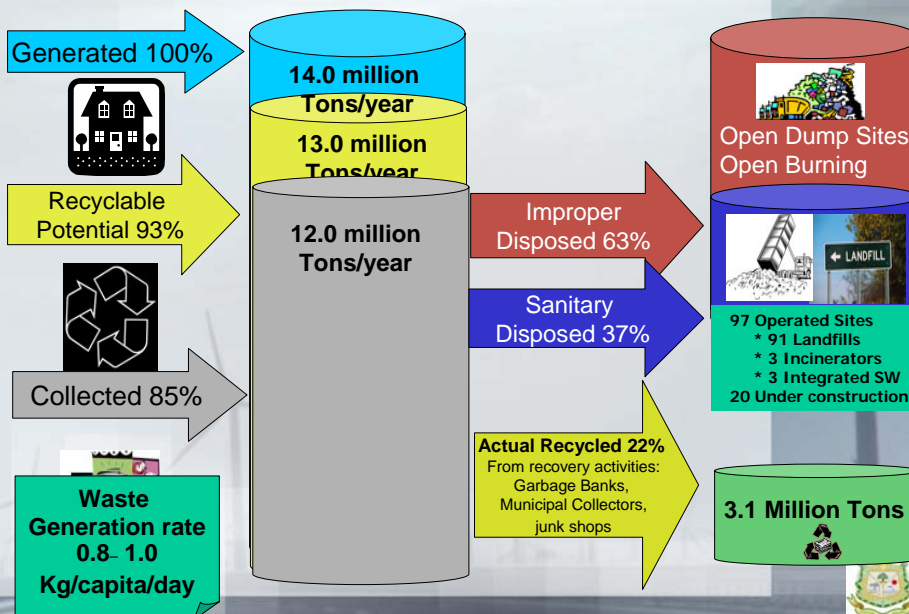
Thailand: Partnership for Development

WASTE MANAGEMENT: Realization of Waste-to-Energy and Beyond

January 26, 2006
Bangkok

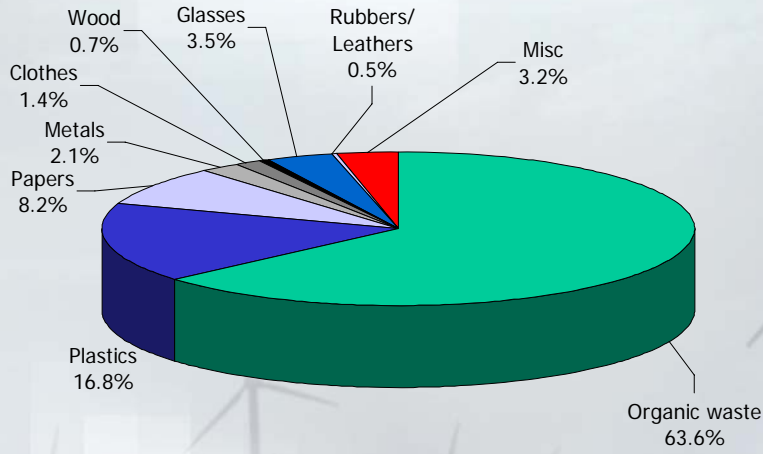


Background: Municipal Solid Waste Management Status



Background: Waste Composition

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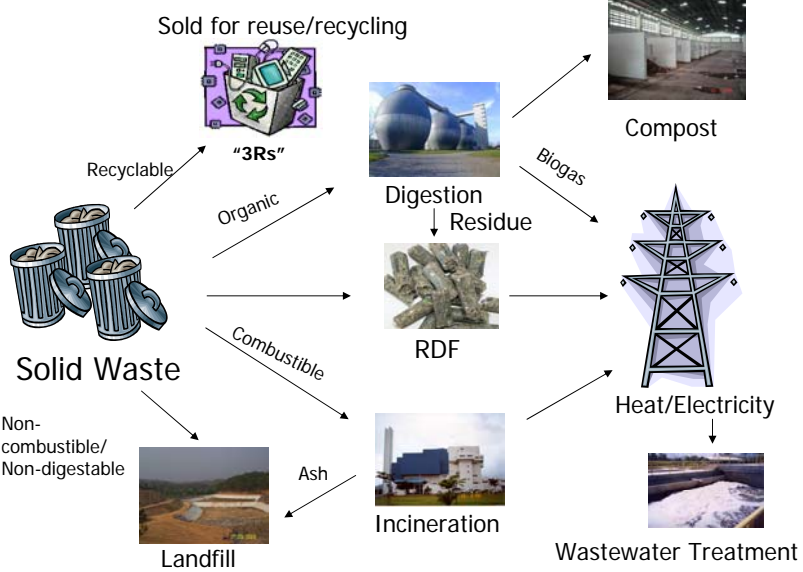


Calorific Values ~ 8,000-12,000 kJ/kg



Solid Waste Management Policy and Strategy

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Solid Waste Management Policy and Strategy

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Area Clustering Approach for Solid Waste Management



Solid Waste Quantities :

- > 500 Tons/day
(3 clusters)
- 250 - 500 Tons/day
(25 clusters)
- < 250 Tons/day
(Approx. 270 clusters)



Goals

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- Implementation of feasible and appropriate technical solutions for integrated MSW management focusing on waste-to-energy scheme,
- Reduction of MSW to be disposed of in landfills in target areas and utilization of MSW as energy generation.



Scope of Works

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- ➔ Evaluate the feasibility of optimum utilization of MSW
- ➔ Develop implementation schedule of the proposed solutions
- ➔ Provide technology transfer
- ➔ Propose investment options and financial plans



Conditions

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- ➔ Implementability
- ➔ Affordable management fees
- ➔ Optimization of natural resource use
- ➔ Sustainable, environmentally friendly and proven technology
- ➔ Upgradeability and compatibility



Timeframe

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- Proposal submission by April 28, 2006
- Project would be done within 3 years after the proposal has been approved



For more information, please contact:

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