Social and environmental benefits

Better household environment

Greener and cleaner streets

Good environmental education tools
Social and environmental benefits

- Employment
- Production of herbs and vegetables using compost
- Waste segregation and promotion of recycling
- Income by selling compost
Development of a model community (Pusdakota (NGO)’s activity)

- Segregated waste collection from the community
- Shredding at the composting centre
- Fermentation
- Household compost basket
- Selling compost
- Green streets using compost
Estimated GHG emissions avoided and projection at landfills

Potential: 10,000 t-CO$_2$/year reduction @ USD10/t-CO$_2$ → USD100,000/year

Reduction of organic waste generation through composting: 80 t/day (= 60 t/day of food waste and 20 t/day of park and garden waste)

Total CO$_2$ emissions avoided at the final disposal site and the future projection

Figure 6  Reductions of organic waste generation and consequent greenhouse gas emissions in Surabaya (Prepared by Maeda (2009), based on the first order decay model from "Tool to determine methane emissions avoided from disposal of waste at a solid waste disposal site (version 04)", CDM Executive Board, UNFCCC)