

# ACHIEVEMENTS OF COMMUNITY- BASED SOLID WASTE MANAGEMENT IN SURABAYA AND OTHER CITIES IN INDONESIA



International Workshop on Community-  
based Solid Waste Management and  
Supporting National Policies  
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# Geographical map of composting expansion in Indonesia (2005-2008)



# Expansion of Takakura Composting Method Practices in Indonesia

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- ❑ Dissemination through NGOs channel
- ❑ THM practices: 23.662 units applied in 39 cities. Model of THM unit are vary fit into local issues/product. Maximum capacity of THM unit is 0.05 m<sup>3</sup> by the treatment capacity to compost averagely up 2 kg of organic materials per day.
- ❑ TSM and modified open windrow applied in 2 unit of composting center in 2 cities (Surabaya city and Denpasar city), and another 3 composting center is under construction progress in 1 city (Tarakan city) for domestic waste treatment for residential area
- ❑ Modified open windrow applied in 12 composting centers in 1 city (Surabaya city) for organic treatment from market, domestic and park

# Model of Takakura Composting Method Practices in Indonesia

## Household level:



Model of THM (bamboo baskets)



Model of THM (rattan baskets)



Model of THM (plastic baskets)

## Communal level:



Model of composting center for residential area (PUSDAKOTA - Surabaya city)



Model of composting center for residential area (BaliFokus - Denpasar city)



Front-view of composting center at transfer site (Surabaya city & Jombang regency)

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Thanks you

Terima kasih

Matur nuwun