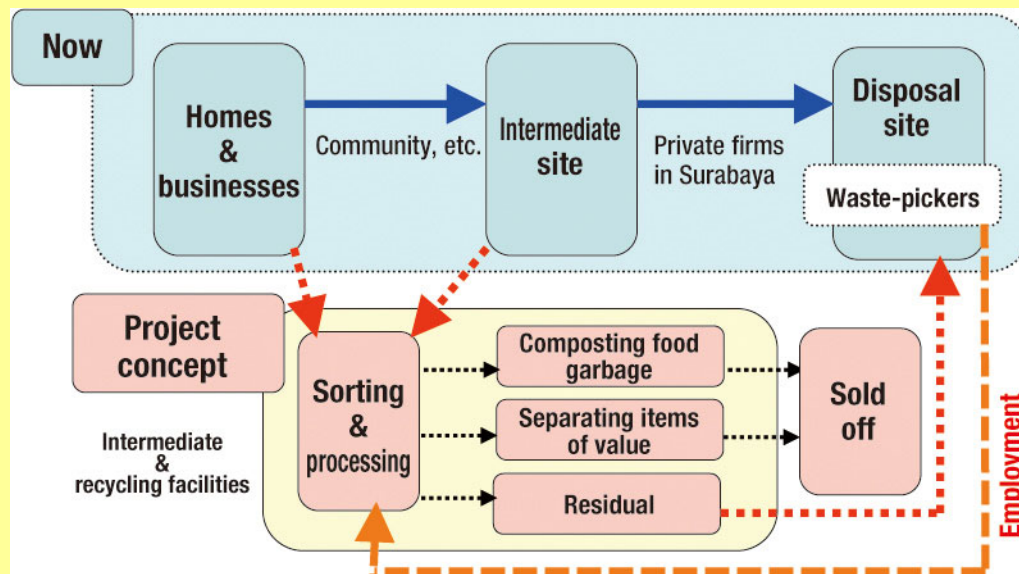


# Feasibility Study on a Project for Intermediate Waste Processing in Indonesia

## Beetle Management

Kitakyushu: “Support for the development of environmental business in Asia of small- and mid-sized companies (Feasibility Study Framework)” (FY2012) 68

In Surabaya, waste-pickers recover valuable items like vinyl and metals from waste for a living and recycle it, but they endure poor working conditions and have a very low rate of recycling efficiency. This project aims to have waste with valuable items transported as-is to hygienically managed factories, where recyclable waste will be efficiently sorted and its valuable items sold off. In addition to that sales profit being used to employ waste-pickers, the project aims to encourage recycling and to increase the lifespan of final disposal sites.



### The state of final disposal sites

Over a thousand waste-pickers face extreme danger collecting recyclables around heavy machinery. There are numerous hazardous and unsanitary items, and it is easy to get injured or sick in such an environment.

Data based on 3-day totals from Sept. 26 to 28, 2012 (amount studied: 2,866.1 kg)

Item	Organics	Plastics	Paper	Metals	Other
Weight	2211.5kg	374kg	116kg	7.5kg	157.1kg
Percentage	77.2%	13%	4%	0.3%	5.5%

