

Fuji Xerox Resource Recycling System

October. 27, 2012

Global Recycling System
Fuji Xerox Co., Ltd.



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1. Fuji Xerox Resource Recycling System

< Corporate Recycling Policy >

“Promote the reuse of resources for ‘infinite’ zero landfill”

Collects used products and reuse them as components or materials for producing new products

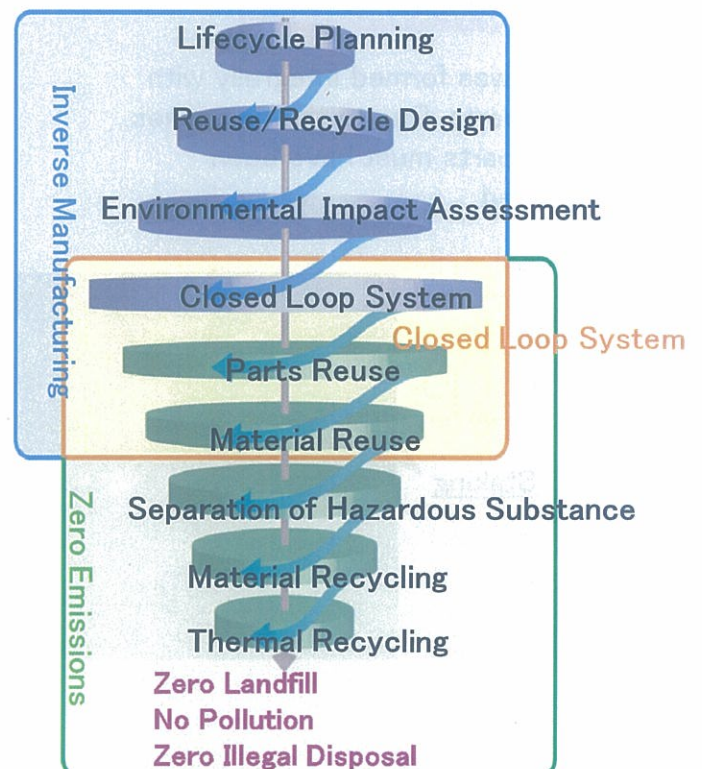
→ **Closed Loop System**

Plans and designs products to ensure that they can be recycled and reused after being collected

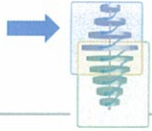
→ **Inverse Manufacturing**

Fully recycles used products by reusing and recycling components and materials, to achieve no waste

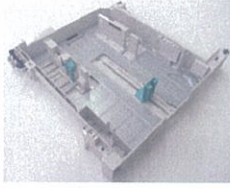
→ **Zero Emissions**



1-1. Inverse Manufacturing(reuse/recycle design -1)



Standardized Design
Enable parts and materials to be reused in other product

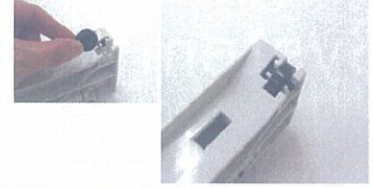


Robust Design (Anti-Wear, Anti-Scratch)

Conventional Design

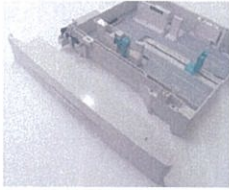


Robust Design (anti-scratch)
Add roller to avoid contact tray and body directly.

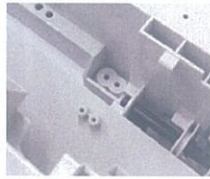


Design that Reduces Usage of Hazardous Substance

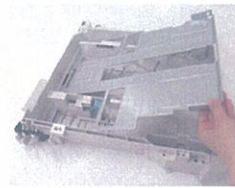
Separable Design
conventional : All-in-one unit
current: Detachable



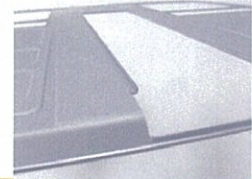
Long Life Design
Add contingency hole



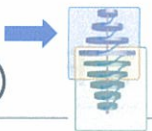
Easy Disassembling
from upper surface



Robust Design
additional strength for the weak part



1-1. Inverses Manufacturing(reuse/recycle design -2)

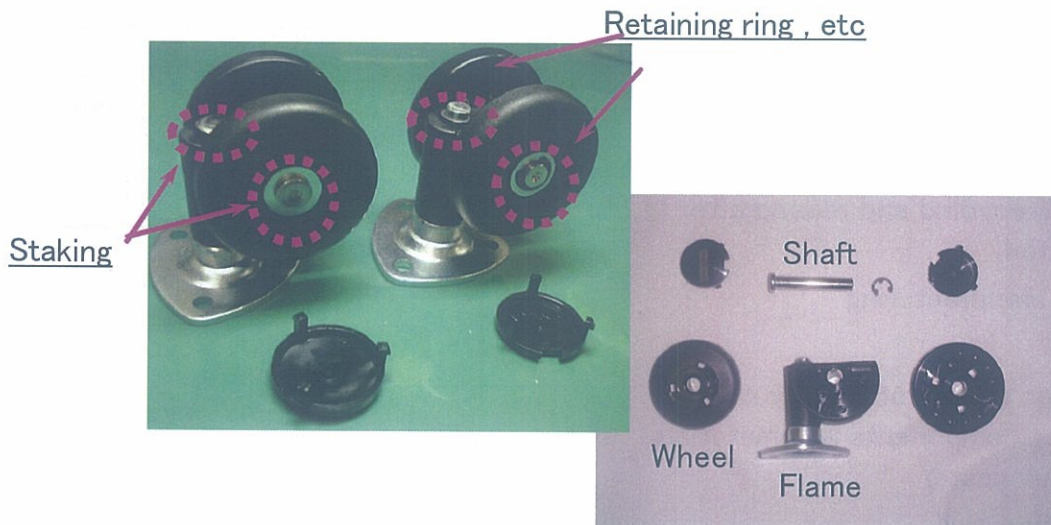


Conventional Design

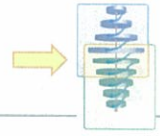
Wheel was formed integrally with other parts. Due to the scratches, whole parts must have been disposed.

Reuse Design

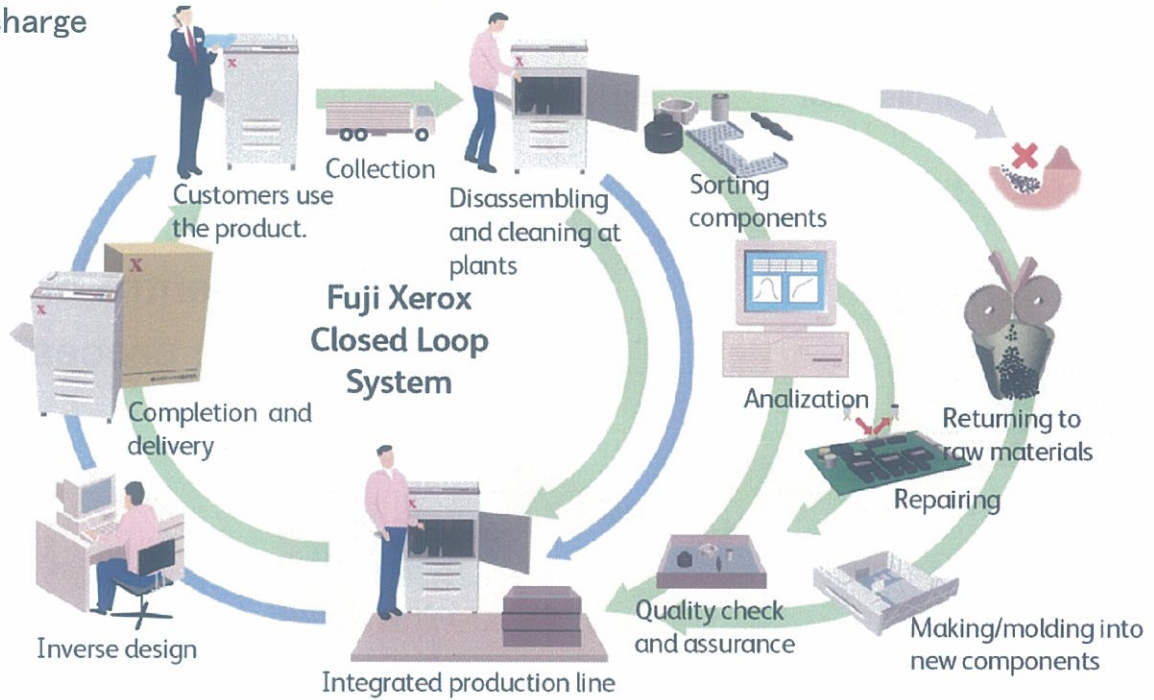
Wheel can be **INDEPENDENTLY** replaceable.



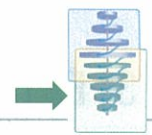
1-2. Closed Loop System



Utilize Used products
 - Minimize new resources/CO2 discharge

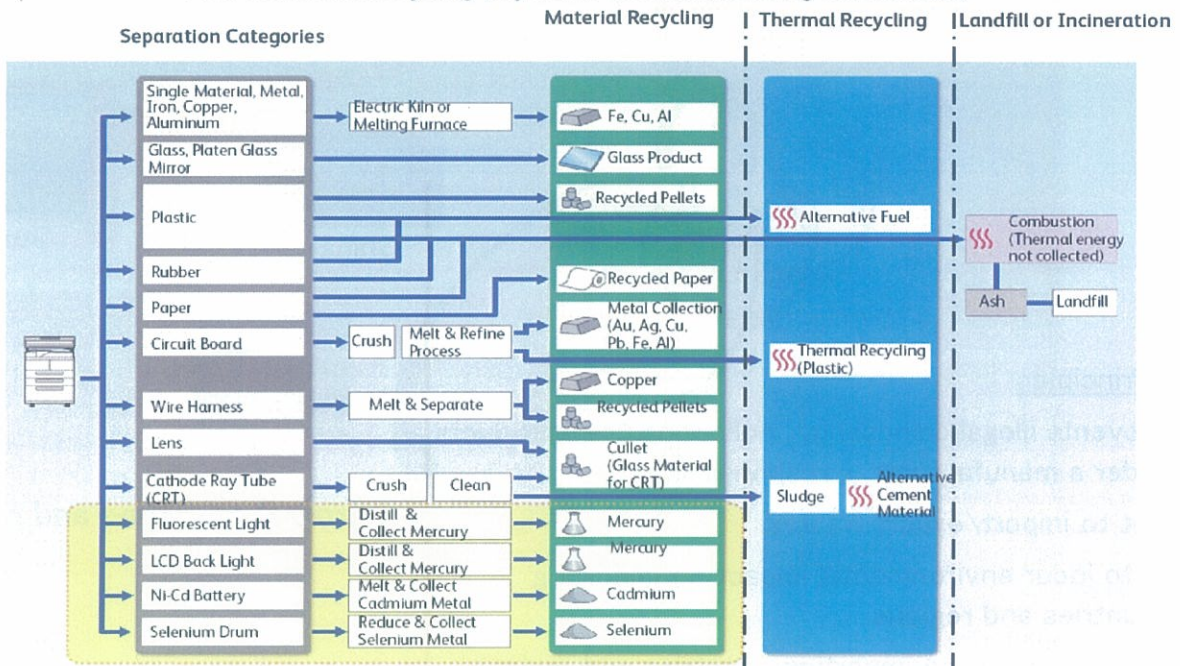


1-3. Zero Emissions



Material Recycle
 - Aiming "Zero Landfill"

Flow of Material Recycling (Fuji Xerox Eco-Manufacturing's model case)



2. Established Resource Recycling System in Japan

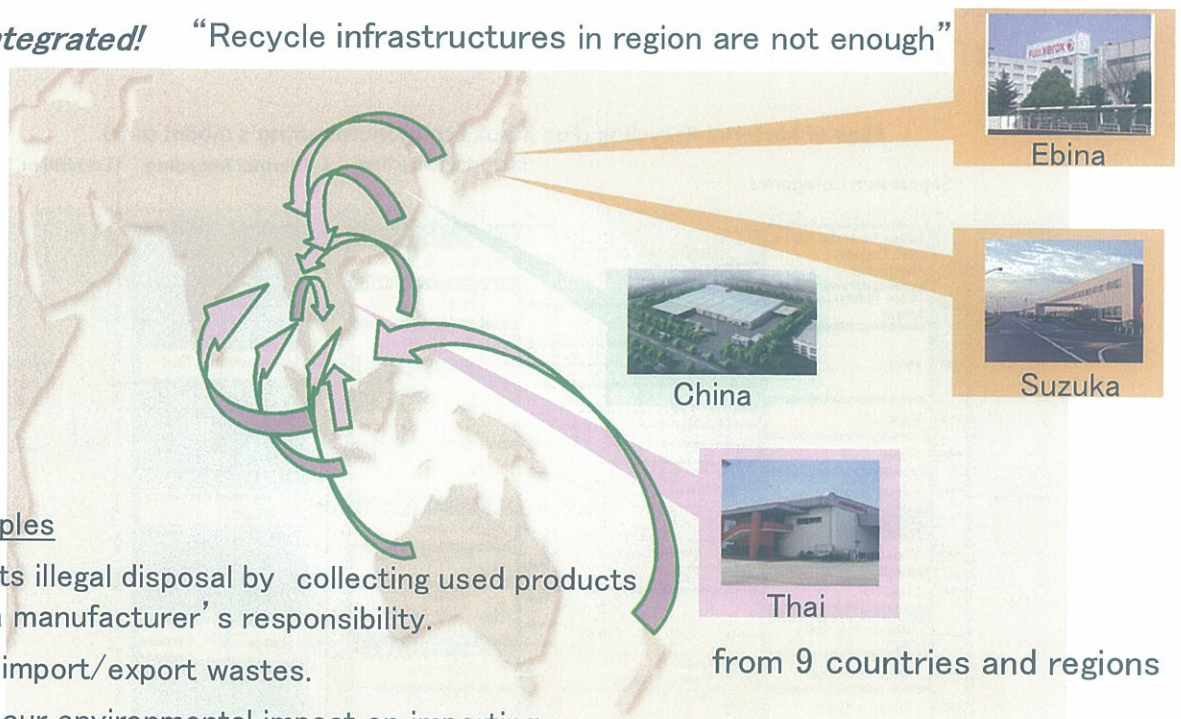
Established to reduce environmental loads

- Zero Landfill
- No pollution
- No illegal disposal



3. Expand these policies to Asia Pacific/China

Integrated! “Recycle infrastructures in region are not enough”

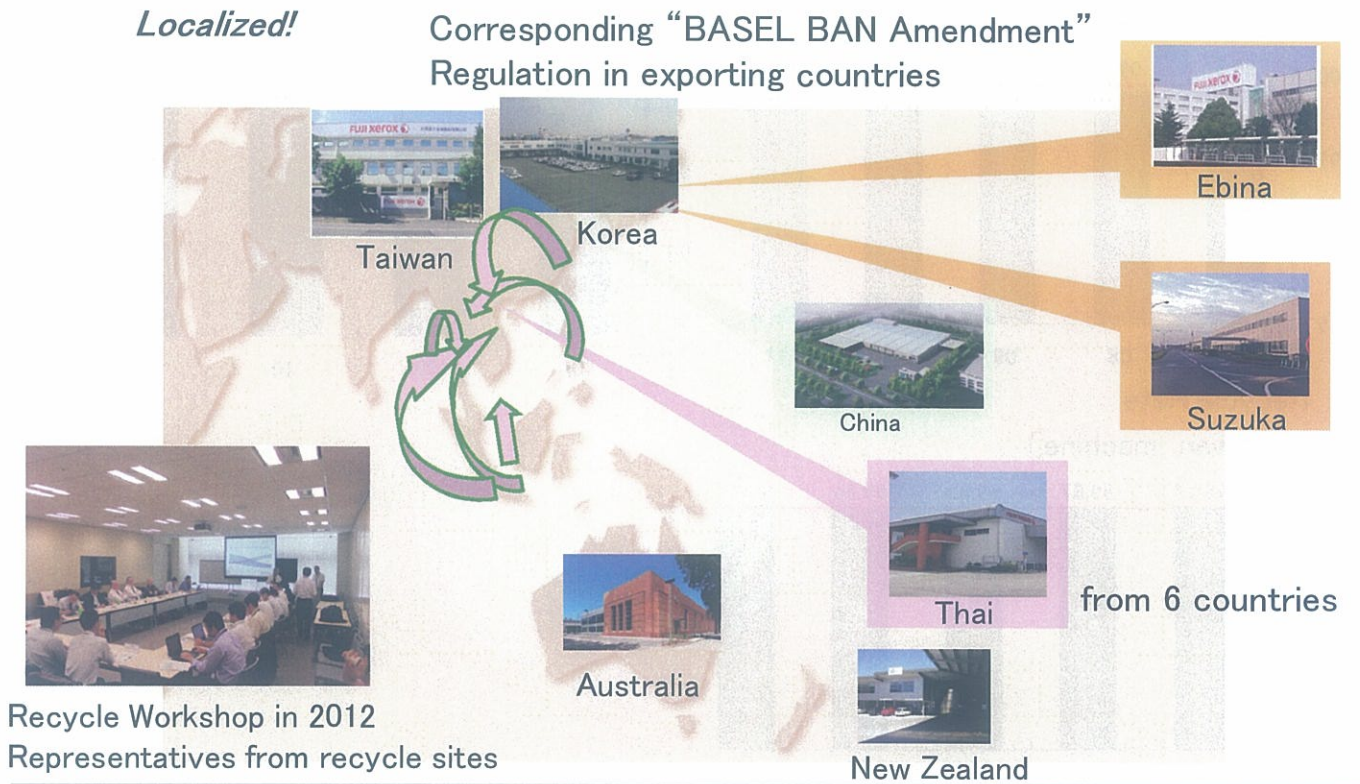


Basic Principles

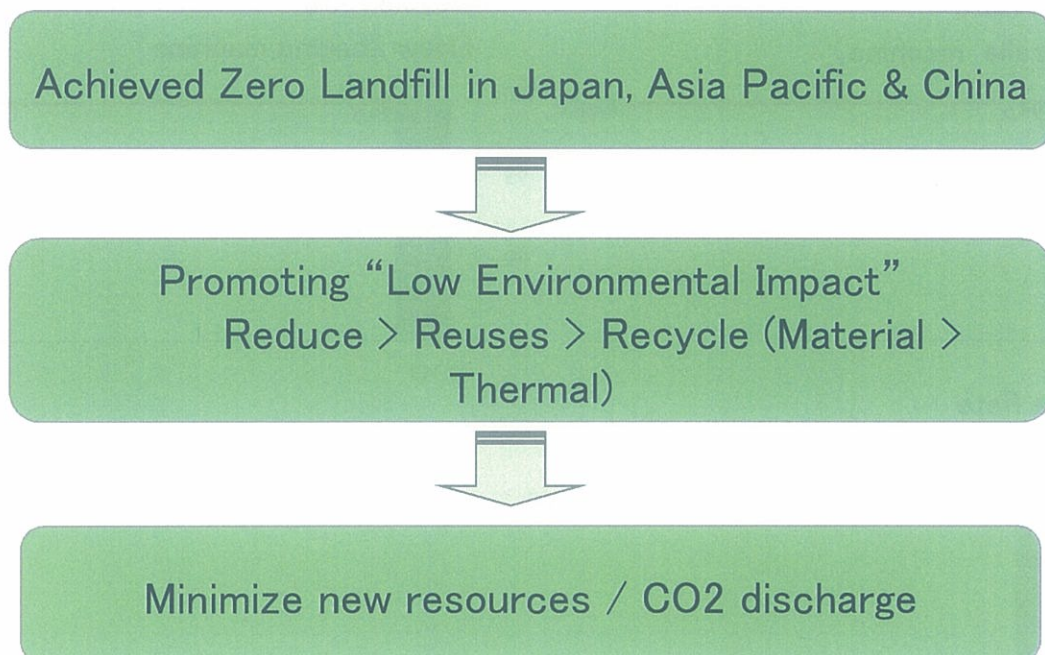
- (1) Prevents illegal disposal by collecting used products under a manufacturer's responsibility.
- (2) Not to import/export wastes.
- (3) Not to incur environmental impact on importing countries and regions.
- (4) Returns benefits to importing countries and regions.

from 9 countries and regions

4. Expand these policies to Taiwan, Korea, Australia, New Zealand

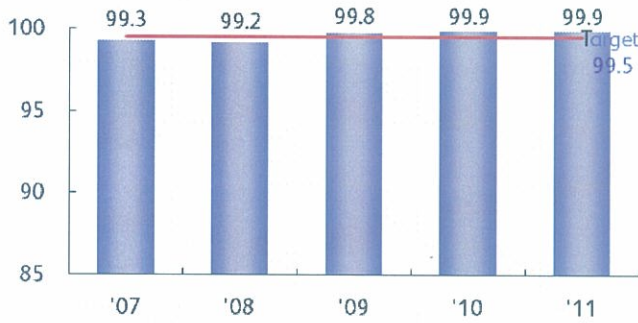


5. Promoting “Low Environmental Impact”

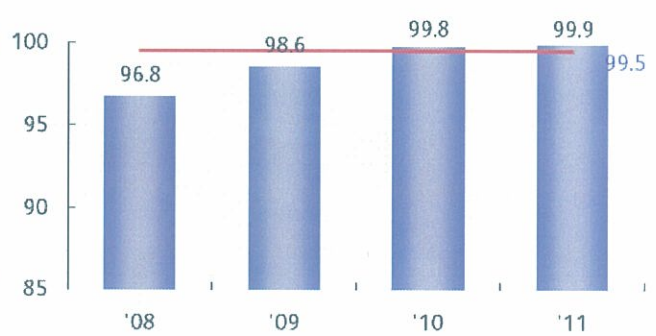


6. Performance

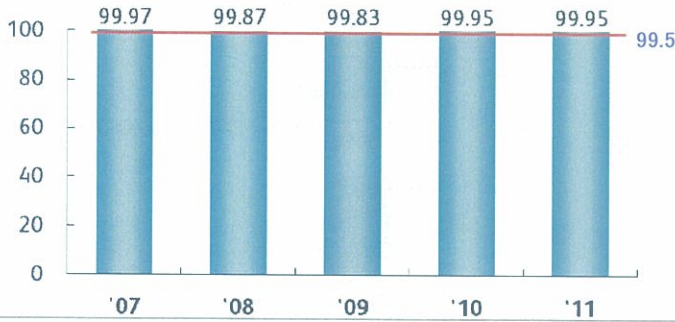
Recycle Rate
(Asia Pacific machine)



Recycle Rate
(China machine)

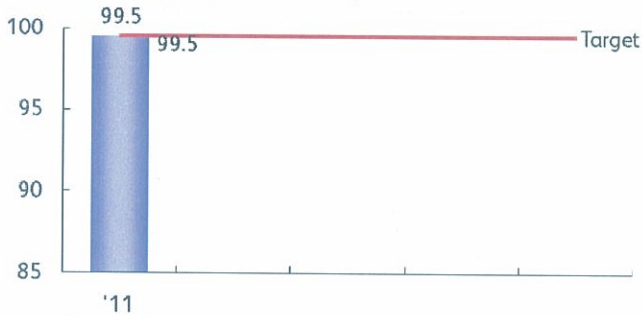


Recycle Rate
(Taiwan machine)

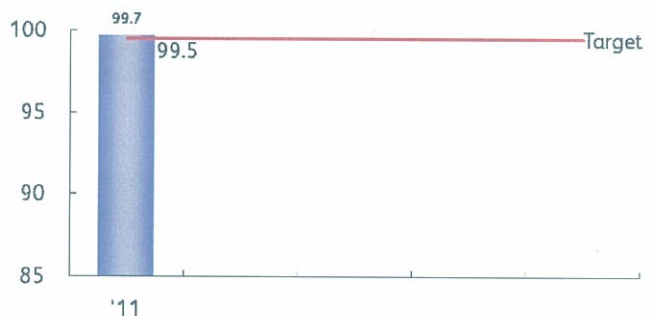


6. Performance

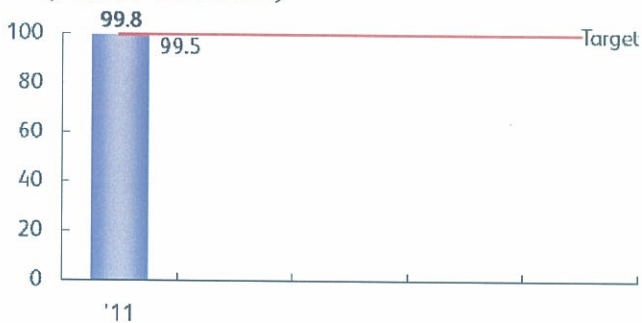
Recycle Rate
(Australia machine)



Recycle Rate
(New Zealand machine)



Recycle Rate
(Korea machine)



7. Award/Activities



Hong Kong award for Environmental Excellence



CSR Innovator Award in China



Won the Green Products and Service Company Award from Thai Government



The Award Ceremony of Waste Management Factory Ranking: Gold Medal

