

Implementation Activities of the Basel Convention

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Department of Industrial Works**



Outline

- ◆ **Recently amended rules and regulations (Waste lists)**
- ◆ **Import and export statistics**
- ◆ **New activities**

DIW One-Stop-Service Center



Asian Network Workshop 2010 (27-29 Jan), Japan



Hazardous Substance Act

Type of Hazardous Substance

Type 1



Inform DIW before import and export

Type 2



**Notify
DIW
before
Action**



Type 3



**Ask for
Permission
from DIW**



Type 4



**Prohibit to
import,
export,
production
and having
possession**

Hazardous Substance List

- Chemical wastes (62 items)
 - 61 items: Hazardous waste in Annex 8, List A of the Basel Convention (Type 3 Hazardous Substance)
 - 1 items: Dry cell batteries containing Hg and Cd (Type 4 Hazardous Substance)
- Used electronic and electrical equipments/parts (2 items)
 - Equipments (Type 3 Hazardous Substance)
 - Parts (Type 3 Hazardous Substance)

Used electronic and electrical equipments/parts

- Import of Used EEE is allowed only for objectives
 - Reuse
 - Repair
 - Refurbish as it original purposes (must be used ≤ 5 yrs for photocopier & its parts, except toner cartridge and fuser module; must be used ≤ 3 yrs for others)
 - Disassembly and recycle/recovery (Under the Basel Convention)

Import of controlled waste

- Plastic scraps
 - Prohibit to import unclean and unsorted plastic scraps
 - The cleaned plastic scraps shall be smaller than 2 cm in size except the plastic using as raw material for polyester factories and electronic and electrical factories.
- Used tires and scraps
 - Prohibit to import used tires and scraps

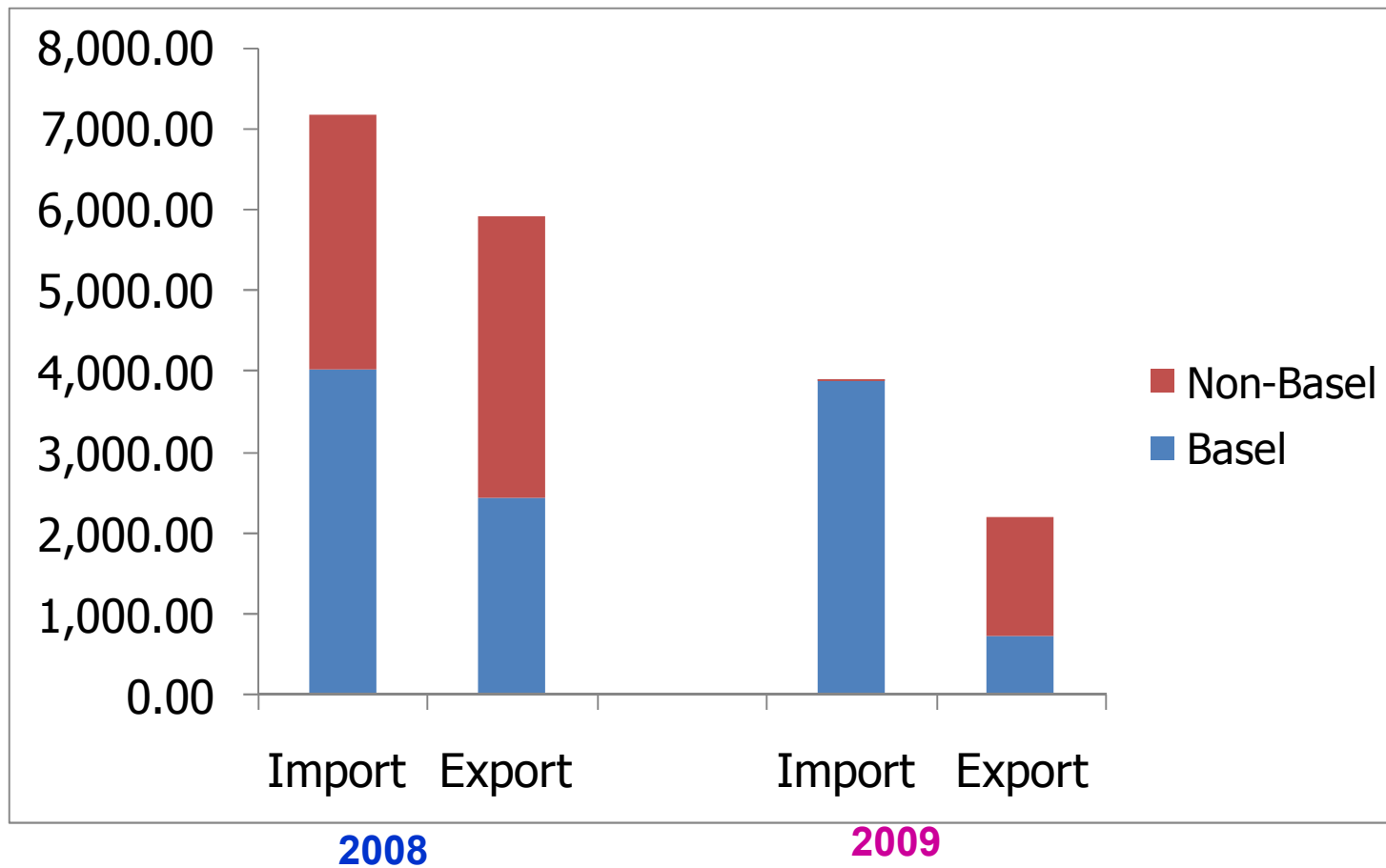
Industrial Waste Management Rate

	Non - Hazardous Waste	Hazardous Waste
Reuse	26.57	36.98
Energy Recycling	22.69	23.57
Material Recycling	41.36	19.16
Export	1.37	1.86
Treatment	1.98	2.49
Disposal	6.03	15.95

Data : Department of Industrial Works Database,, waste quota granted to be transferred out of factories in 2009

Hazardous Waste Import & Export

(Tons)



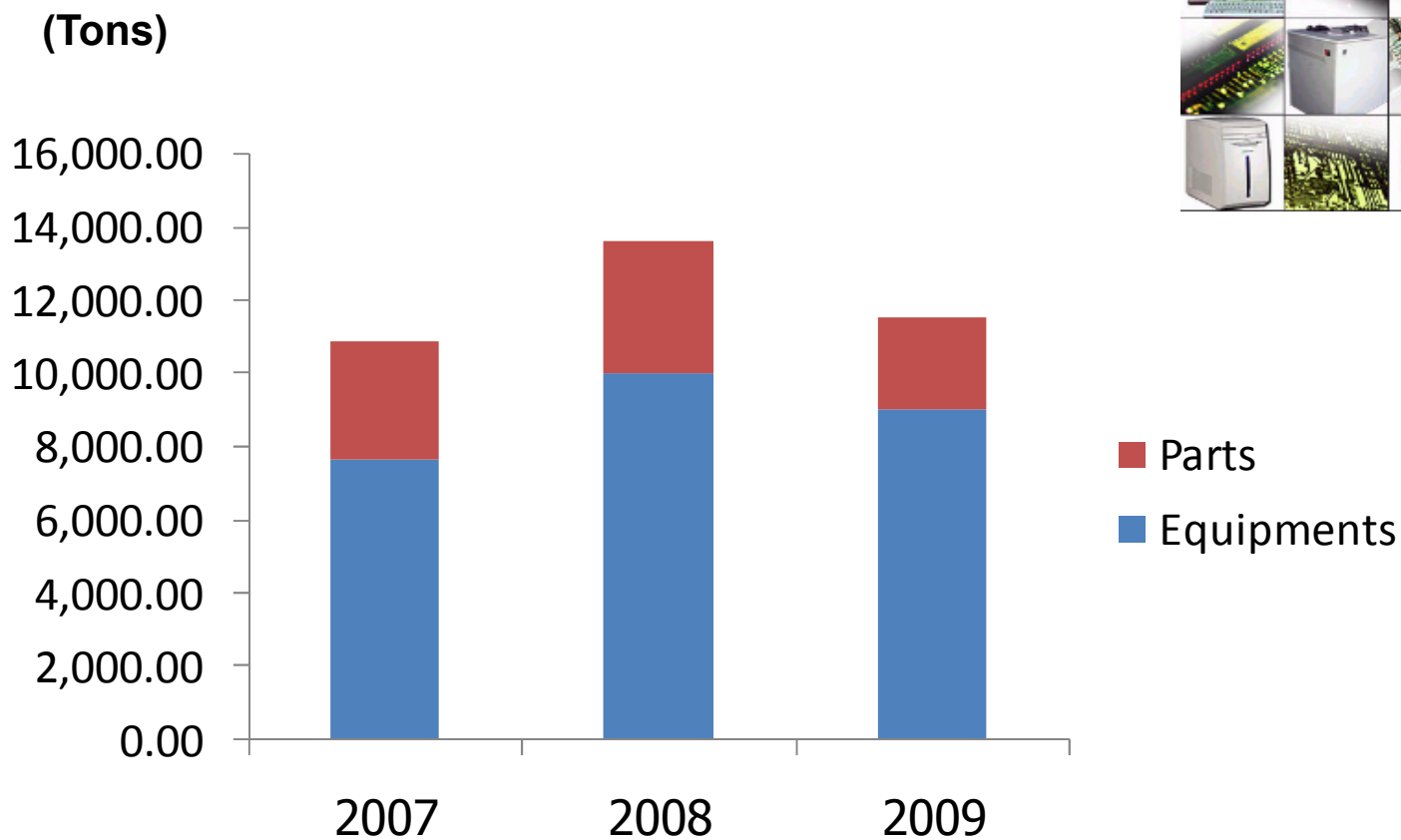
Hazardous Waste Import under Basel Convention in 2008

Waste	Countries
Waste electrical and electronic assemblies or scrap contaminated with Cd, Hg, Pb, PCB (Used Xerox Office Equipments)	Australia South Korea Hong Kong Malaysia
Waste from the production, formulation and use of inks, pigments, paints, lacquers, vanish (Used Xerox Supplies Containing Residual Toner)	New Zealand Indonesia Philippines Singapore

Hazardous Waste Export under Basel Convention in 2008

Waste	Countries
Metal wastes and waste consisting of alloys (Solder dross)	Belgium Japan
Waste having as constituents or contaminants, excluding metal waste in massive form	Philippines Singapore The Netherlands
Waste having as constituents or contaminants of As, Hg and Tl (LCD backlight)	
Galvanic sludges	
Unsorted waste batteries (Ni, Cd Battery)	
Waste electrical and electronic assemblies or scrap contaminated with Cd, Hg, Pb, PCB	
Catalysts	

Used Electronic and Electrical Equipments/Parts Import



Activities

- Training course on law and regulation to import and export hazardous waste
 - DIW officers
 - Entrepreneurs
- Promotion of waste utilization concept to reduce waste to landfill
- Upgrading WP
- Developing IT system



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