



Official Website of  
**Department Of Environment**  
Ministry of Natural Resources and Environment



# **LEGISLATIONS AND CONTROL OF TRANSBOUNDARY MOVEMENTS OF HAZARDOUS WASTES IN MALAYSIA**

**By**

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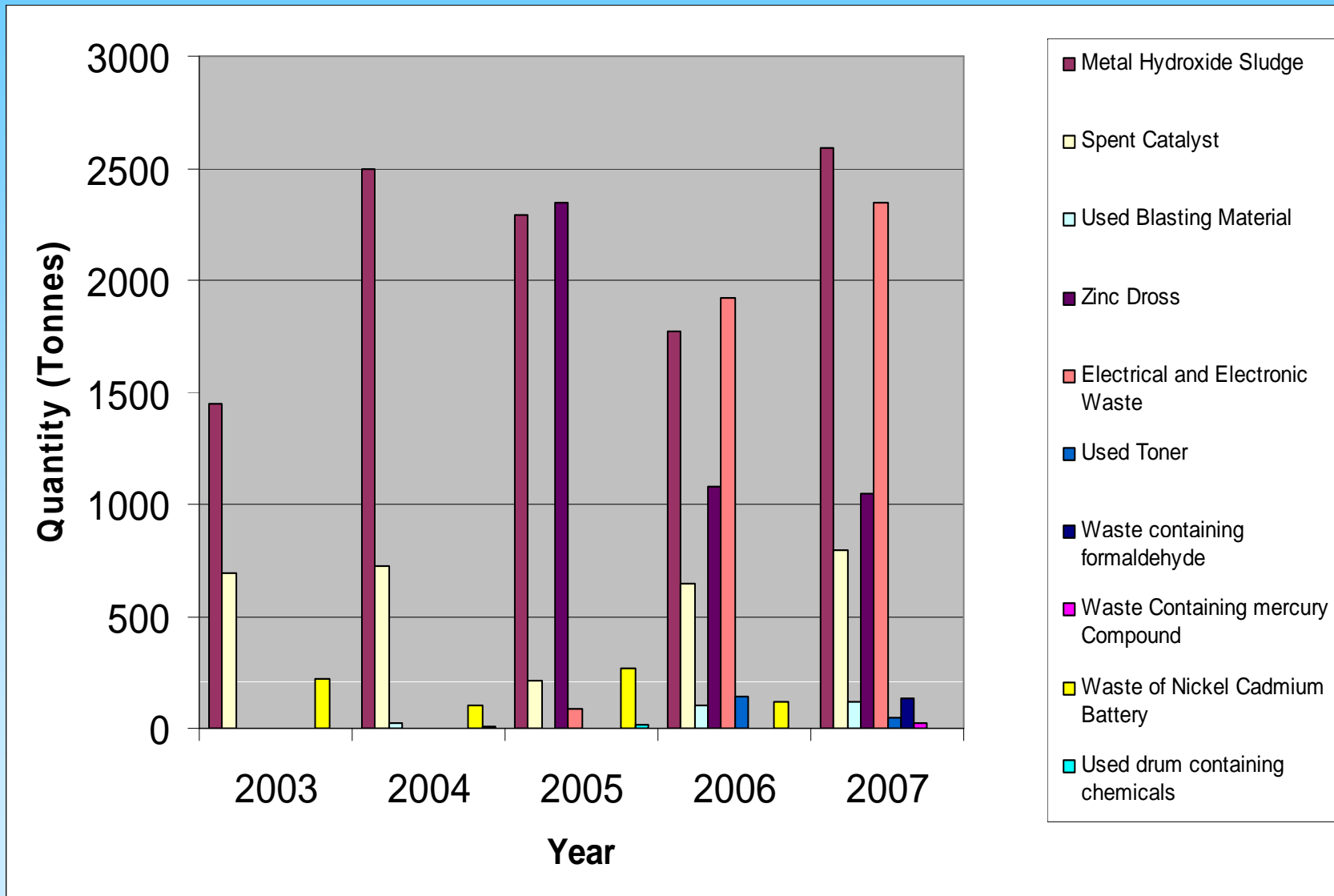
**Protect Our Environment**

# **MALAYSIA: LEGAL AND INSTITUTIONAL MEASURES**

- **Section 34B, Environment Quality Act 1974 on Control of scheduled wastes**
- **Environment Quality (Scheduled Waste) Regulations 2005 (come into force 15 August 2005)**
- **Customs Act 1967:**
  - **Customs (Prohibition of Imports) Order 2008**
  - **Customs (Prohibition of Exports) Order 2008**
- **DOE Malaysia designated as the competent authority**
- **Exports/Imports through Customs be accompanied by a permit issued by DOE**

- **Environmental Quality Act 1974 - Section 34B (1)**
- **No Person Shall**
- **(a) place, deposit or dispose of, or cause or permit to place,**
- **deposit or dispose of, except at prescribed premises only, any scheduled wastes on land or into Malaysian waters;**
- **(b) receive or send, or cause or permit to be received or sent any scheduled wastes in or out of Malaysia; or**
- **(c) transit or cause or permit the transit of scheduled wastes**
- **without any prior written approval of the Director General**

## Quantity and Type Of Scheduled Wastes Exported (Tonnes), 2003-2007



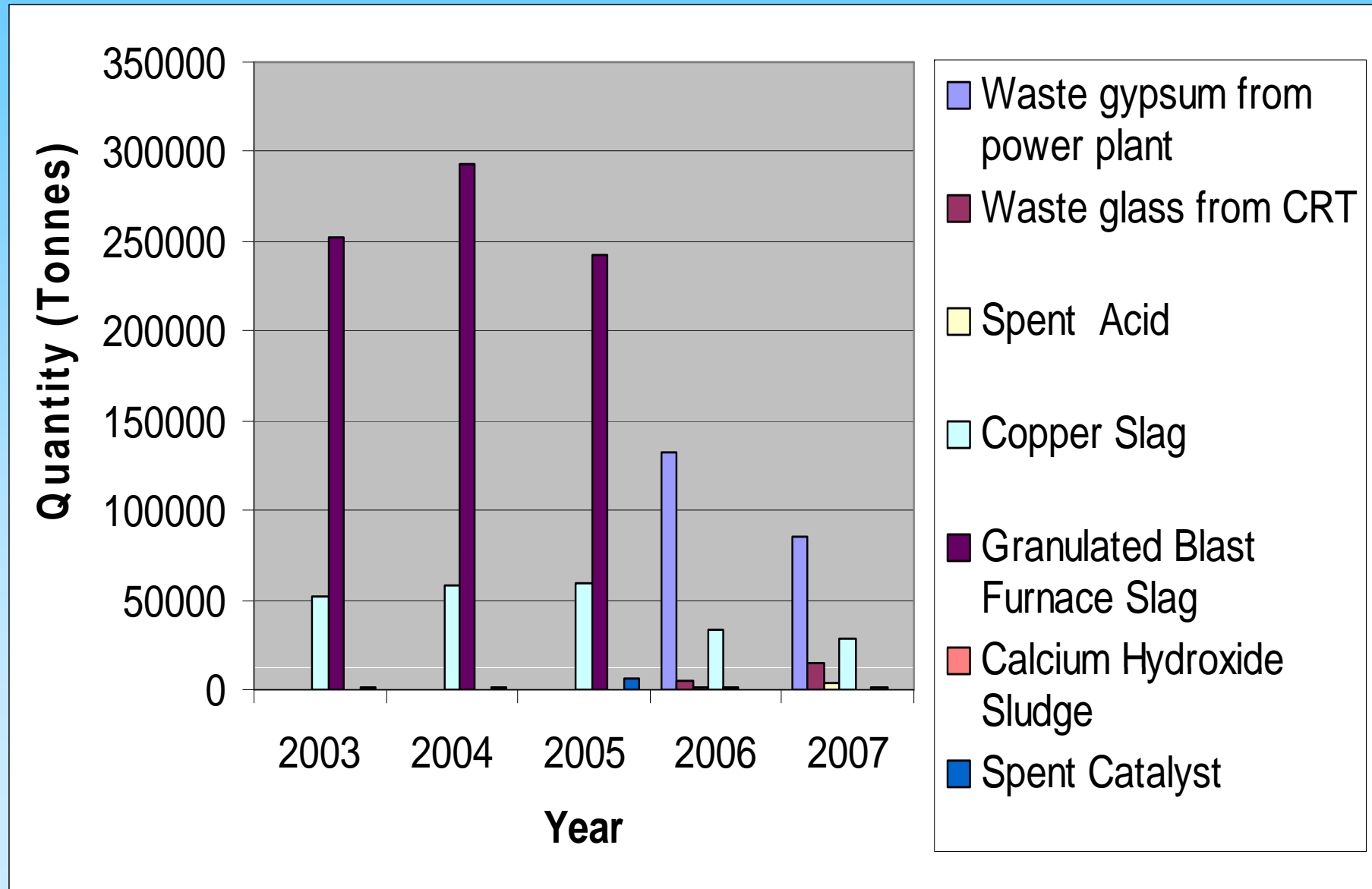
<b>Country</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Singapore	-	22	14	10	11
South Africa	-	-	1,555	424	140
Thailand	-	-	90	233	136
Italy	28	-	-	98	92
Finland	23	190	-	381	360
Belgium	140	51	-	119	807
USA	60	80	-	1,847	1,721
Germany	349	476	492	537	1,681
Japan	1,006	1,019	1,793	660	2,092
Sweden	7	6	8	21	35
Estonia	-	-	-	-	33
Philippines	-	1,000	1,000	1,280	-
South Korea	118	-	-	117	-
Australia	209	-	-	-	-
Holland	323	294	-	-	-
France	98	189	272	-	-
Canada	-	25	-	-	-
China	-	-	-	79	-
<b>Total</b>	<b>2,361</b>	<b>3,352</b>	<b>5,224</b>	<b>5,806</b>	<b>7,108</b>

*Quantity of Scheduled Wastes (Tonnes) Exported by Destination, 2003 - 2007*

<i>Type of Waste</i>	2003	2004	2005	2006	2007
<i>Metal Hydroxide Sludge</i>	1,451	2,494	2,288	1,769	2592
<i>Spent Catalyst</i>	693	722	215	645	794
<i>Used Blasting Material</i>	-	25	-	105	120
<i>Zinc Dross</i>	-	-	2,347	1,082	1050
<i>Waste of Nickel Cadmium Battery</i>	217	103	272	117	-
<i>Used Toner</i>	-	-	-	139	47
<i>Waste Containing Formaldehyde</i>	-	-	-	24	132
<i>Electrical &amp; Electronic Wastes</i>	-	-	90	1,925	2350
<i>Solid Waste Containing Mercury Compound</i>	-	-	-	-	23
<b>Jumlah (Tan) / Total (Tonnes)</b>	<b>2,361</b>	<b>3,354</b>	<b>5,224</b>	<b>5,806</b>	<b>7,108</b>

**Quantity of Scheduled Wastes Exported (Tonnes) by Type of Waste ,2003 – 2007**

Figure 1 Malaysia : Quantity and Type of Scheduled Wastes Imported (Tonnes), 2003 - 2007



Type of Waste	Year / Country	2003	2004	2005	2006	2007
Copper Slag	Singapore	52,283	58,723	58,774	33,674	28,400
Granulated Blast Furnace Slag	Singapore	-	70		0	0
	Japan	234,644	293,614	241,872	0	0
	China	17,363	-		0	0
Waste Gypsum From Power Plant	Singapore	0	0	0	132,833	84,890
Waste Glass From CRT	USA	0	0	0	4,628	14,966
Spent Ultra High Acid	Singapore	0	0	0	1,016	3,276
Spent Catalyst	Singapore	1,108	1,108	6,000	0	0
Calcium Hydroxide Sludge	Singapore	0	0	0	0	1,542
<i>Total (Tonnes)</i>		<b>305,398</b>	<b>353,515</b>	<b>306,646</b>	<b>172,151</b>	<b>133,074</b>

**Quantity of Scheduled Wastes Imported (Tonnes) by Type and Origin 2003 – 2007**



# Illegal Import of Scheduled Waste

- 17 cases
- E-waste, used monitor – for segregation, crush and salvage
- Take legal action or return back to the origin country
- USA, Canada, Japan, Korea, Philippines
- Comply to the Guidelines For The Classification of Used Electrical and Electronic Equipment in Malaysia.

# Guidelines For The Classification of Used Electrical and Electronic Equipment in Malaysia.

Used electrical & electronic waste equipment or component is defined as e-waste if it has any the following criteria:

- a defect that materially affects its functionality ;- not power up, can not communicate with the host etc.
- physical damage that impairs its function or safety.
- faulty hard disc drive, faulty RAM, faulty Video card
- batteries that are unable to be charge or to hold power.
- the appearance are generally worn or damage – reducing the marketability
- destined for recycling or recovery or disposal
- discarded; intended or are required to be discarded

- no regular market for the used EEE or components.
- used equipment or component are old and out of date, destined for salvage.
- end-of-life electrical and electronic equipment.
- for import, the age is not more than three (3) years from the date of manufactured.
- products/goods produced by partially e- waste recovery facilities.

- **The SW110 waste category under the Regulation do not include the following:**
  - new and unused EEE or components made in Malaysia that are return by the importing country as defectives items;
  - New EEE or components made in Malaysia that returned to as defectives batches for repair to the manufacturer (under warranty) with the intention
  - blank wafers or non-patterned wafer
  - of cut lead or copper frames not contaminated with heavy metal

# Activities Conducted In 2008/2009

- Development of E-Waste Inventory In Malaysia, funding by MOE Japan, Ex-Corporation, local consultant Perunding Good Earth Sdn. Bhd.- Final Report received on December 19, 2008