



Department Of Environment
Ministry of Natural Resources and Environment 



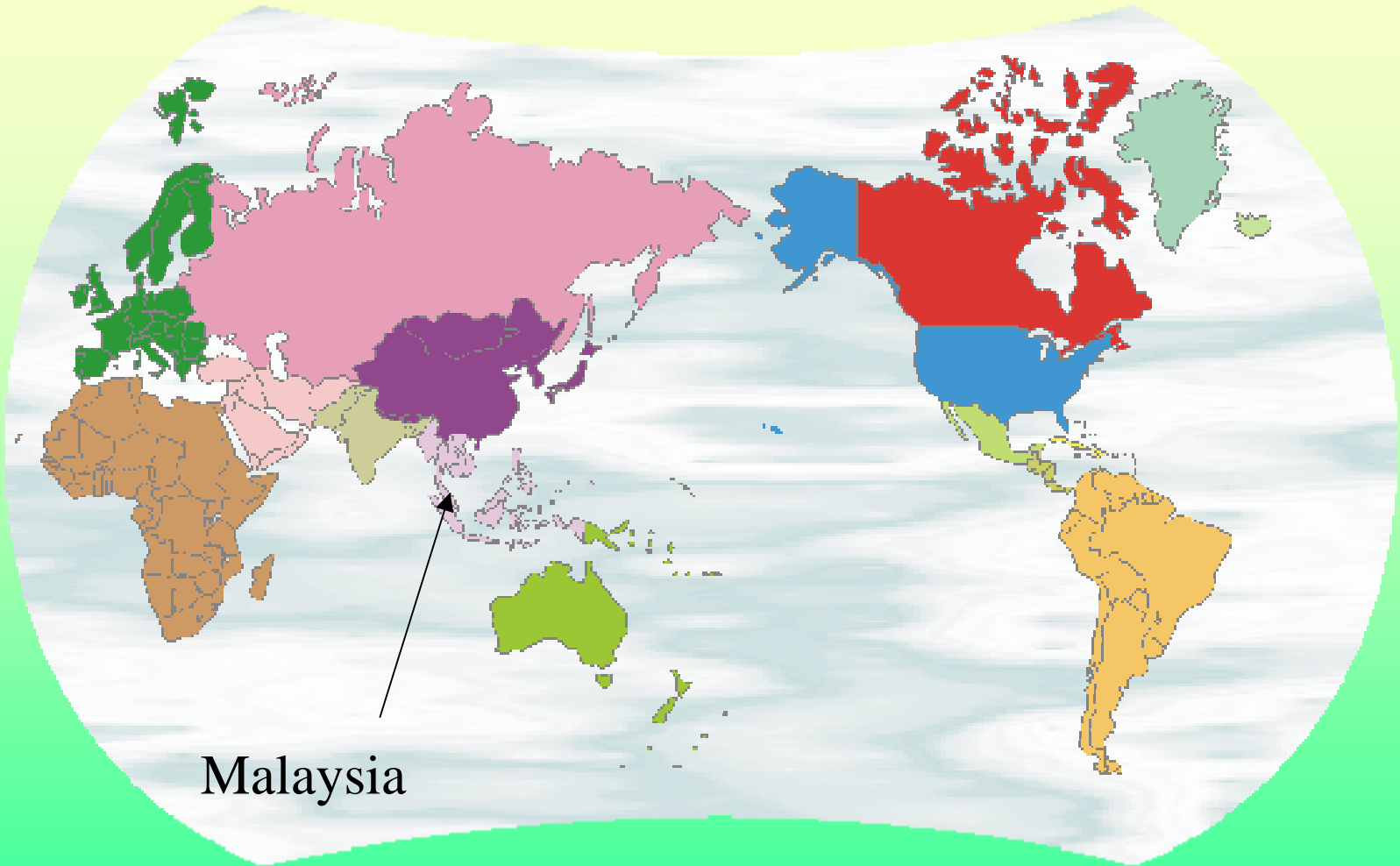
LEGISLATIONS AND CONTROL OF TRANSBOUNDARY MOVEMENTS OF HAZARDOUS WASTES IN MALAYSIA

By

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Malaysia

MALAYSIA: LEGAL AND INSTITUTIONAL MEASURES

- Section 34B, EQA 1974 on Control of scheduled wastes
- Customs (Prohibition of Export) Order 1998, (Amendment) 2006
- Customs (Prohibition of Import) Order 1998, (Amendment) 2006

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

- **DEPARTMENT OF ENVIRONMENT
MALAYSIA : FUNCTION**

- **“To administer and enforce the Environmental Quality Act 1974, and Section IV of the Economic Exclusive Zone Act 1984”**

ENVIRONMENTAL QUALITY (SCHEDULED WASTES) REGULATIONS 2005

*- comes into force on 15th August 2005, to
replace the Environmental Quality
(Scheduled Wastes) Regulations 1989*

SCHEDULED WASTES REGULATIONS

- **OBJECTIVE**

To ensure proper management of scheduled wastes to protect public health and the environment

- **PRINCIPLE**

Cradle-to-grave

DEFINITION OF SW

Regulation 2 : “scheduled wastes” means any waste falling within the categories of waste listed in the First Schedule of the Environmental Quality (Scheduled Wastes) Regulations 2005

- 77 waste categories

FIRST SCHEDULE

NEW CODE	DISCRIPTION	OLD CODE
SW 1	Metal and metal-bearing wastes	
SW 101	Waste containing arsenic or its compound	S221
SW 102	Waste of lead acid batteries in whole or crushed form	S271
SW 103	Waste of batteries containing cadmium and nickel or mercury or lithium	S271
SW 104	Dust, slag, dross or ash containing arsenic, mercury, lead, cadmium, chromium, nickel, copper, vanadium, beryllium, antimony, tellurium, thallium or selenium excluding slag from iron and steel factory	N201 N202
SW 105	Galvanic sludges	Nil
SW 106	Residues from recovery of acid pickling liquor	N203
SW 107	Slags from copper processing for further processing or refining containing arsenic, lead or cadmium	N201

SW 108	Leaching residues from zinc processing in dust and sludges form	Nil
SW 109	Waste containing mercury or its compound	S211,S213
SW 110	Waste from electrical and electronic assemblies containing components such as accumulators, mercury-switches, glass from cathode-ray tubes and other activated glass polychlorinated biphenyl-capacitors, or contaminated with cadmium, mercury, lead, nickel, chromium, copper, lithium, silver, manganese or polychlorinated biphenyl	Nil

LIST OF APPLICATION FORMS

- **Transboundary Movement of Waste Notification Form.**
- **Form AS 14 (Rev. 2006) – Application for the importation of scheduled waste into Malaysia, and checklist.**
- **Form AS 15A (Rev. 2006) – Application for the export of scheduled waste from Malaysia, and checklist.**

Import Statistic-Quantity and Type

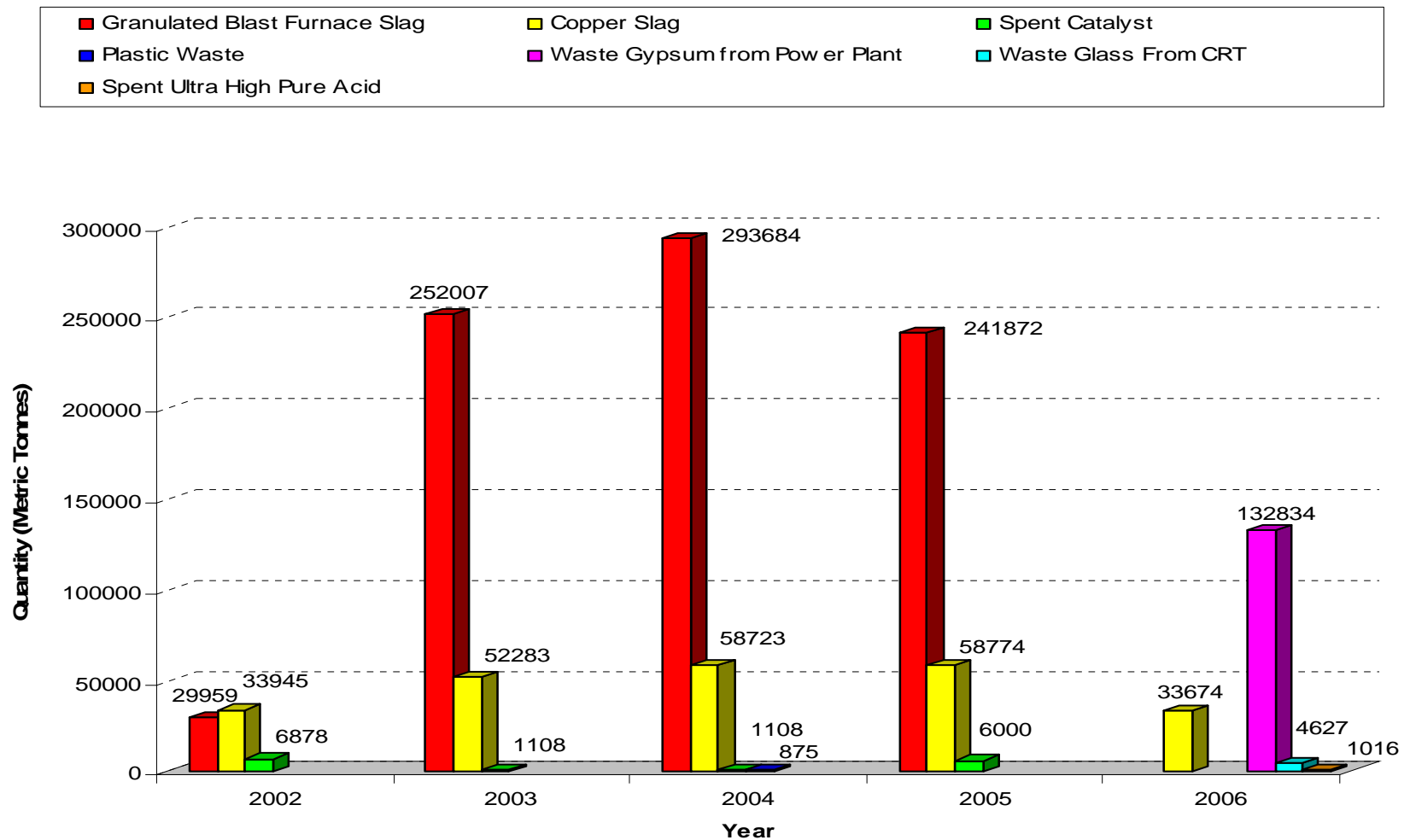
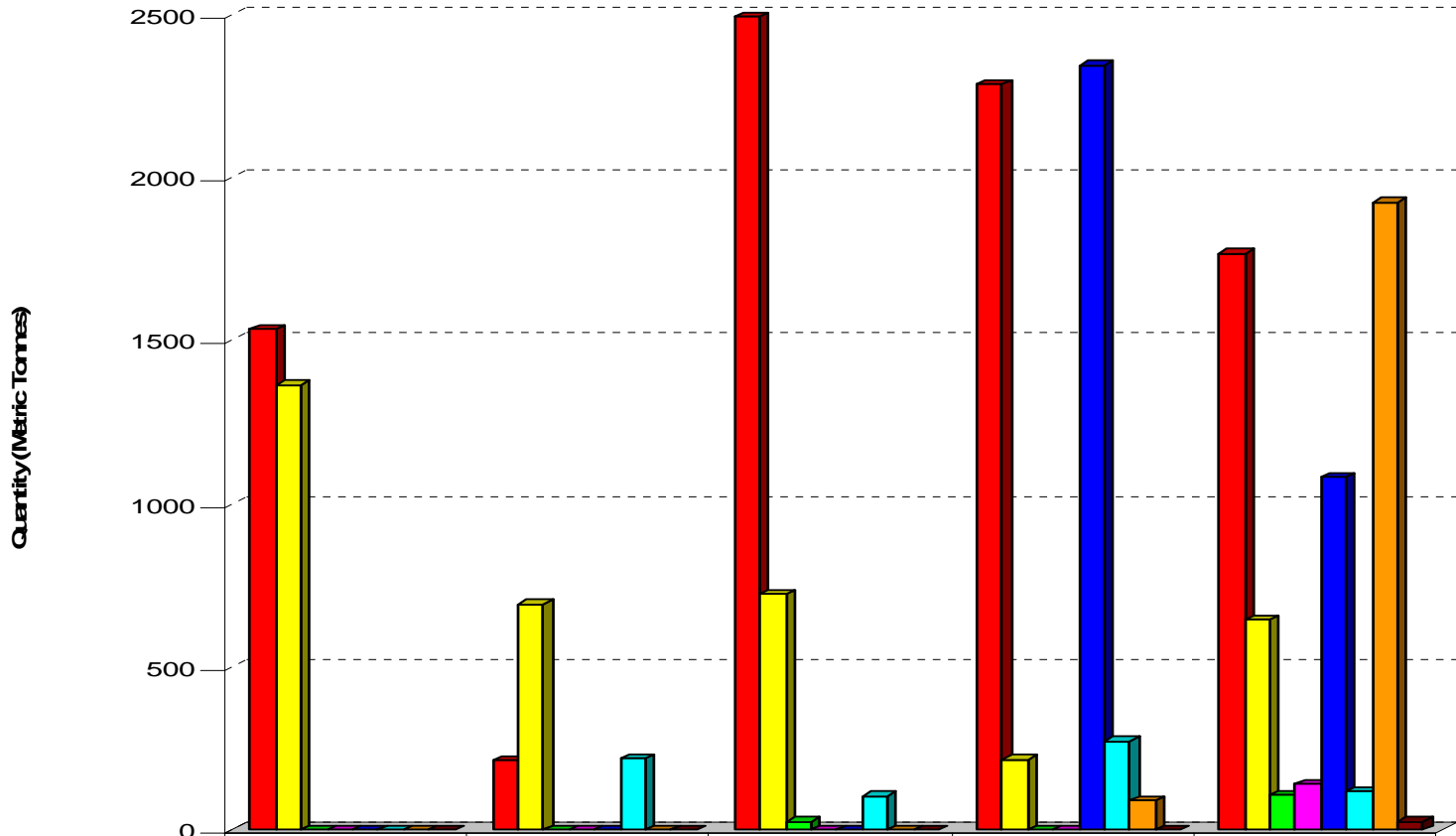


Figure 6.20 Malaysia:
Quantity and Type of Scheduled Wastes Imported (Metric Tonnes), 2002 - 2006

Year	Granulated Blast Furnace Slag (MT)	Copper Slag (MT)	Spent Catalyst (MT)	Plastic Waste (MT)	Waste Gypsum from Power Plant (MT)	Waste Glass From CRT (MT)	Spent Ultra High Pure Acid (MT)
2002	29959	33945	6878				
2003	252007	52283	1108				
2004	293684	58723	1108	875			
2005	241872	58774	6000				
2006		33674			132834	4627	1016

Export Statistic – Quantity and Type

Type of Waste	2002	2003	2004	2005	2006
Metal Hydroxide Sludge (MT)	1537	212	2494	2288	1769
Spent Catalyst (MT)	1365	693	722	215	645
Used Blasting Material (MT)	0	0	25	0	105
Used Toner (MT)	0	0	0	0	139
Zinc Dross (MT)	0	0	0	2347	1082
Waste of Nickel Cadmium Battery (MT)	0	217	103	272	117
Electrical & Electronic Wastes (MT)	0	0	0	90	1925
Wastes Containing Formaldehyde (MT)	0	0	0	0	24



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Figure 6.21 Malaysia:

Quantity and Type of Scheduled Wastes Exported (Metric Tonnes), 2002- 2006

QUANTITY OF SCHEDULED WASTES (TONNES) EXPORTED BY DESTINATION, 2002 - 2006
KUANTITI BUANGAN TERJADUAL YANG DIEKSPORT (TAN) BERDASARKAN DESTINASI, 2002 - 2006

Importing Country <i>Negara Pengimport</i>	2002	2003	2004	2005	2006
America <i>Amerika</i>	533	60	25	-	1,847
Australia <i>Australia</i>	315	209	-	-	-
Belgium <i>Belgium</i>	-	140	51	-	119
Canada <i>Kanada</i>	-	-	80	-	-
China <i>China</i>	-	-	-	-	79
Finland <i>Finland</i>	100	23	190	-	381
France <i>Perancis</i>	67	98	189	272	-
Germany <i>Jerman</i>	128	349	476	492	537
Holland <i>Holland</i>	570	323	295	-	-
Italy <i>Itali</i>	44	28	-	-	98
Japan <i>Jepun</i>	1,035	1,006	1,019	1,793	660
Philippines <i>Filipina</i>	-	-	1,000	1,000	1,280
Singapore <i>Singapura</i>	169	-	23	14	10
South Africa <i>Afrika Selatan</i>	-	-	-	1,555	424
South Korea <i>Korea Selatan</i>	-	118	-	-	117
Sweden <i>Sweden</i>	149	7	6	8	21
Thailand <i>Thailand</i>	-	-	-	90	233
Total (Tonnes) <i>Jumlah (Tan)</i>	3,110	2,361	3,354	5,224	5,806

Import Export Application – 2007

	Export	Import
No. of Application	151	44
Approved	96	13
Rejected	55	31

Illegal Import & Export

- 2004 – Illegal import of metal hydroxide sludges
- 2007 – Illegal export of used lead acid batteries – detained at Malaysia border

Updated on Newly Introduced Regulations and Regulation Under Discussion

Regulation Under Discussion

- Review the Air Pollution Regulation – Draft Clean Air Regulation
- Review the Industrial Effluent Regulation
- Environmental Quality (Prescribe Conveyance) (Schedule Waste Regulation) 200_
- WEEE Guidelines

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- Contaminated Land

Newly Introduced Legislation – Increased Penalty for Scheduled Waste Offences

Amendment of Section 34b EQA 1974

- “(4) Any person who contravenes this section shall be guilty of an offence and shall on conviction be punished with imprisonment for a term not exceeding five years and shall also be liable to a fine not exceeding five hundred thousand ringgit.”.

Activities Conducted In 2007

- Development of E-Waste Inventory In Malaysia, funding by MOE Japan, Ex-Corporation, local consultant Perunding Good Earth Sdn. Bhd.
- Pilot Scheme on the collection, segregation and recycling of e-waste in Malaysia, funding by MOE Japan.- to be implemented in 2008



THANK YOU

