

ASIAN NETWORK WORKSHOP 2014

Updates of National Regulation, Implementation Status and Import/Export Status In Malaysia

**Hazardous Substances Division
Department of Environment
Malaysia**

26 - 28 November 2014
Okayama, Japan

OUTLINE

- 1 National Regulation & Policy**
- 2 Status of Transboundary Movement (TBM) of Schedule Wastes (SW) /Hazardous Wastes (HWs)**
- 3 Status of Take-Back or Ship Back of Illegal Shipment of Schedule Wastes (SW) /Hazardous Wastes**
- 4 E-Waste Management Scenarios in Malaysia**
- 5 Way forward in Handling Schedule Wastes (SW) /Hazardous Wastes**

LEGAL REQUIREMENT

- | | |
|--|---|
| 1. Section 34A – Environmental Impact Assessment | Requirement for all disposal/treatment/recovery facilities |
| 2. Section 34B, Environmental Quality Act 1974 | Director General (DG) Written Approval Prior to Shipment |
| 3. Environmental Quality (Scheduled Waste) Regulations 2005 | List of Scheduled Waste and managing the waste |
| 4. Custom Prohibition (Import) Order 2012 <ul style="list-style-type: none">▪ 3rd Schedule Part I item 55 for Toxic and/ or HWs Custom Prohibition (Export) Order 2012 <ul style="list-style-type: none">▪ - 3rd Schedule Part I item 32 for Toxic and/ or HWs | Import/Export with the DG of Environment approval |
| 5. Guidelines For The Classification of Used Electrical and Electronic Equipment in Malaysia, 2010 | It requires functioning, no physical damage, proper packaging, and 3 or < 3 years after manufacturing date. |
| 6. Communications And Multimedia Act 1998 (Communication & Multimedia Technical Standards Regulations 2000) | Equipment with LAN, WIFI (networking apparatus) |

POLICY FOR IMPORT AND EXPORT OF SCHEDULED WASTE (SW)

Base on The Principal Of Basel Convention :

Import Policy:

- Malaysia does not allow any importation of hazardous waste/scheduled waste including e-waste for recovery and disposal; (complying the BAN amendment).
- Used EEE that < 3 years from the date of manufactured that are functioning (good condition) and destined for direct re-use only can be imported.

Export Policy:

- Exportation of SW / HWs will be possible when no technology or recovery facilities available in Malaysia

TRANSBOUNDARY MOVEMENT 2011-2013 (EXPORT)

Asia

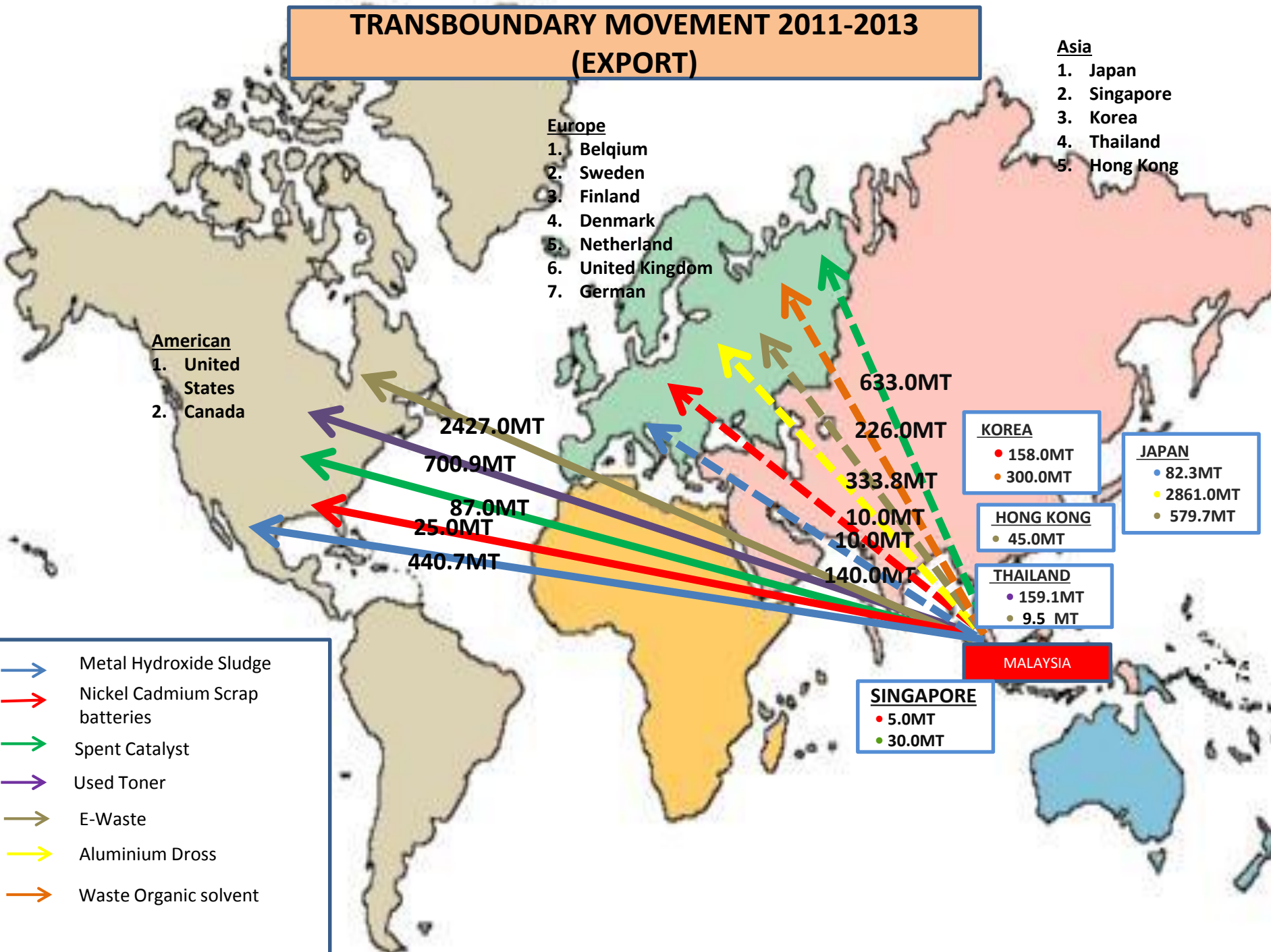
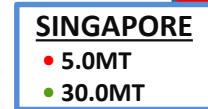
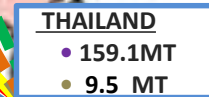
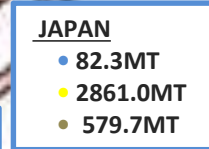
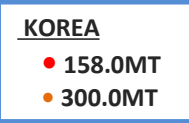
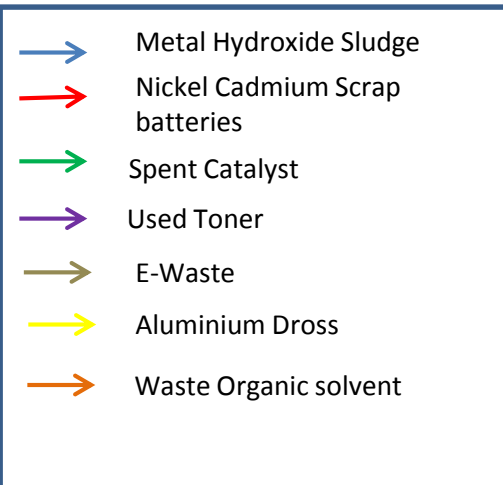
1. Japan
2. Singapore
3. Korea
4. Thailand
5. Hong Kong

Europe

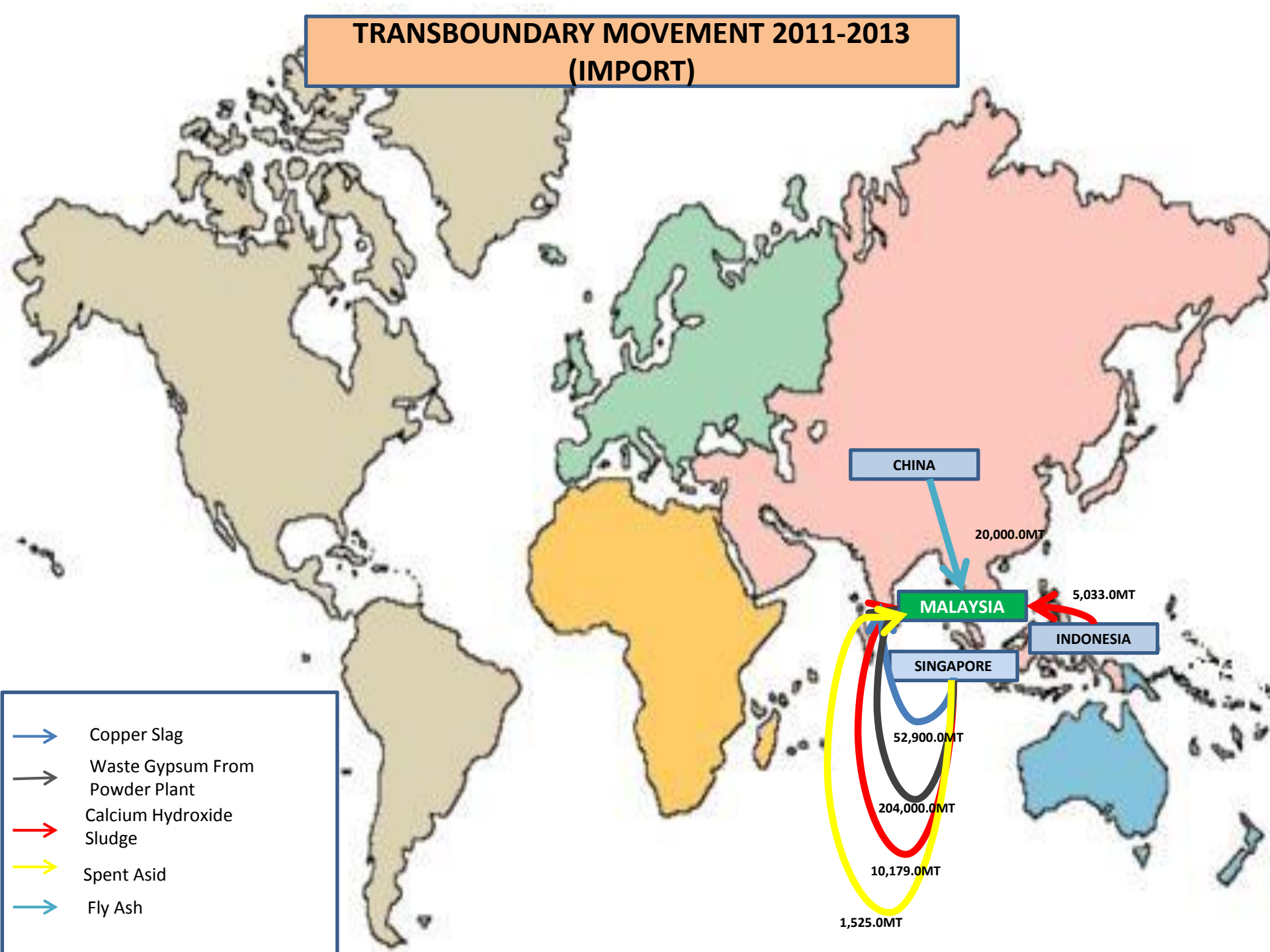
1. Belgium
2. Sweden
3. Finland
4. Denmark
5. Netherland
6. United Kingdom
7. German

American

1. United States
2. Canada



TRANSBOUNDARY MOVEMENT 2011-2013 (IMPORT)



CHINA

20,000.0MT

MALAYSIA

5,033.0MT

INDONESIA

SINGAPORE

52,900.0MT

204,000.0MT

10,179.0MT

1,525.0MT

Copper Slag

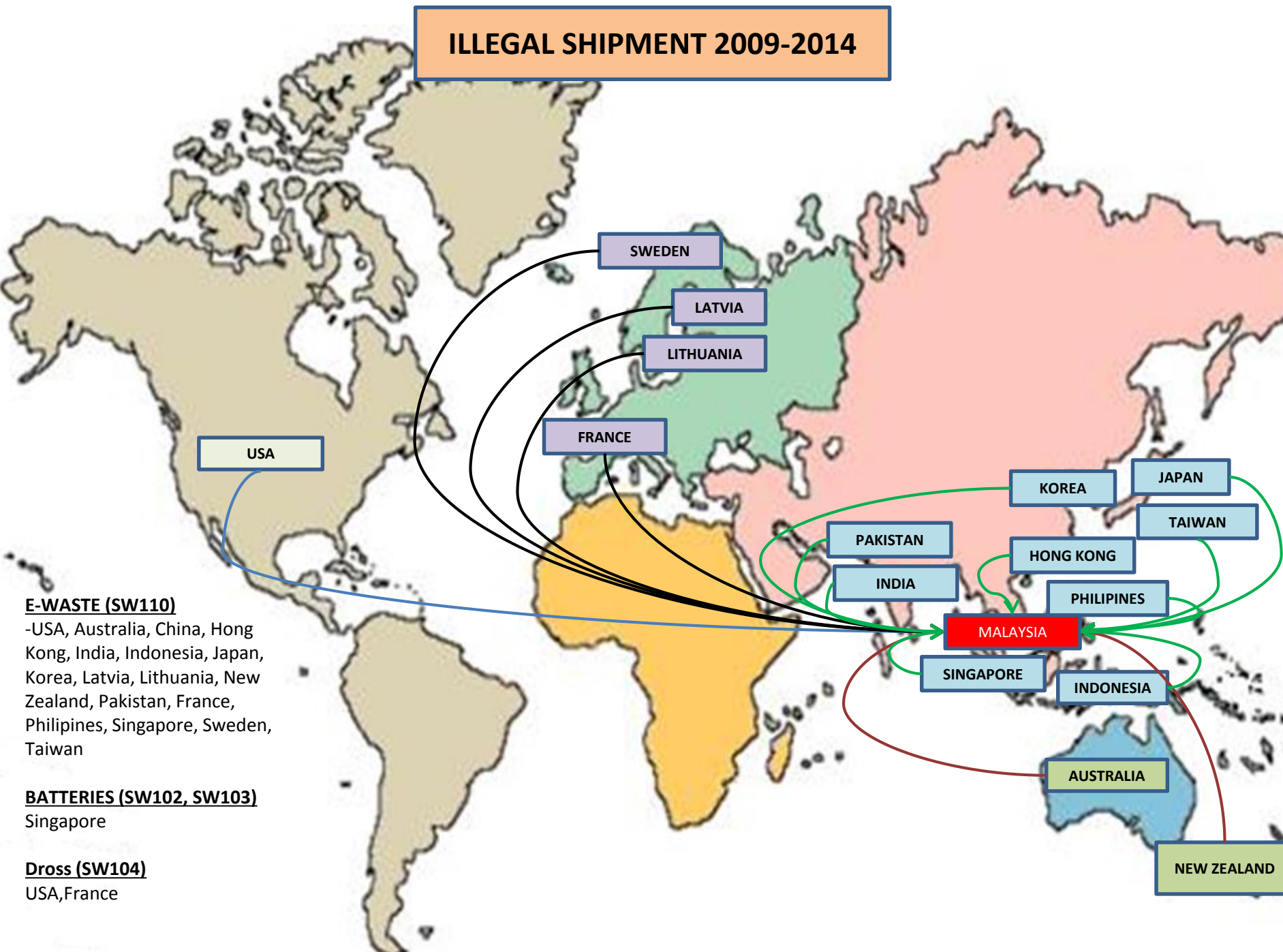
Waste Gypsum From Powder Plant

Calcium Hydroxide Sludge

Spent Acid

Fly Ash

ILLEGAL SHIPMENT 2009-2014



E-WASTE (SW110)

-USA, Australia, China, Hong Kong, India, Indonesia, Japan, Korea, Latvia, Lithuania, New Zealand, Pakistan, France, Philippines, Singapore, Sweden, Taiwan

BATTERIES (SW102, SW103)

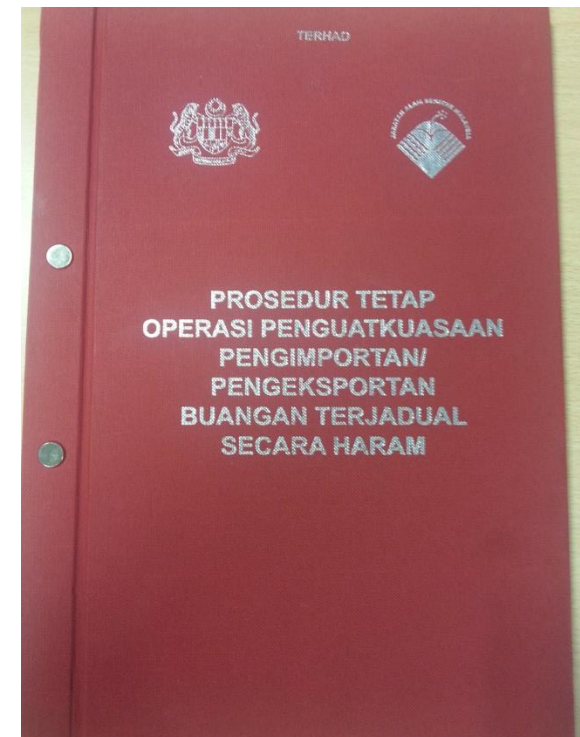
Singapore

Dross (SW104)

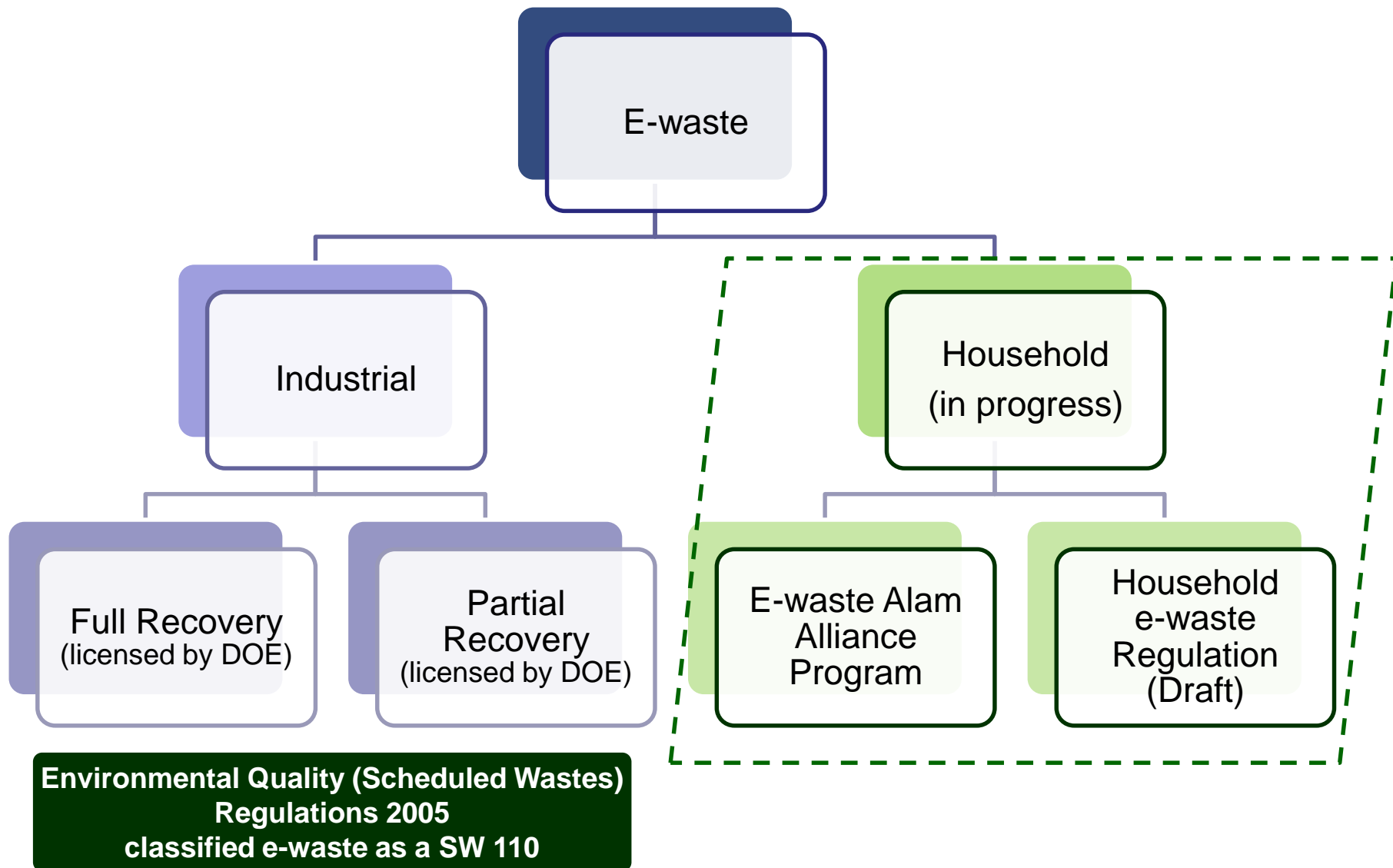
USA, France

PROCEDURES FOR ARRANGING TAKE-BACK (ILLEGAL SHIPMENT)

- Standard Operating Procedure (SOP) for Illegal Import & Export of Hazardous Waste (Prosedur Tetap Operasi Penguatkuasaan Pengimportan/Pengeksportan Buangan Terjadual Secara Haram)
 - Investigation
 - Notify the importer
 - *for them to communicate with their exporter to get back their wastes
 - Notify the CA of the export country



E-WASTE MANAGEMENT SCENARIOS IN MALAYSIA



TRANSFORMATIVE OF HOUSEHOLD E-WASTE MANAGEMENT



Develop capacity to manage recovery efforts in a sustainable manner.

Develop schemes on the collection and segregation of e-waste, including take-back schemes

2011- Pilot Project,
2013 - Final Report



~ E-waste Alam Alliance Program
~ Activate Operation Steering Committee in Local State



Cooperation with the stakeholder

~ Toshiba Malaysia
~ Senheng Electrical Sdn Bhd
~ Shanpoornam Metal Sdn Bhd

Cooperation between private and public sectors will enable the Government policies to be greatly enhanced

Deliver important economic and social outcomes

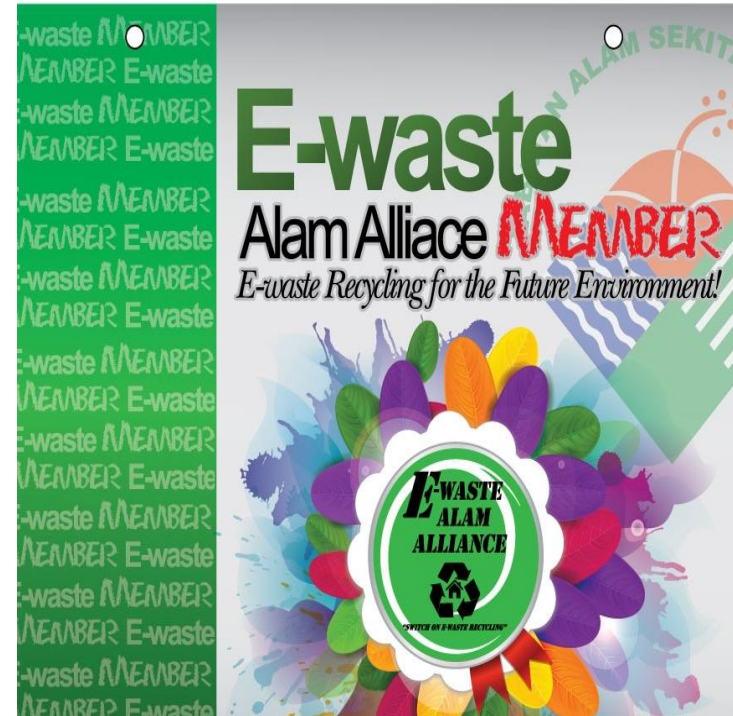


Household e-waste Regulation 201x

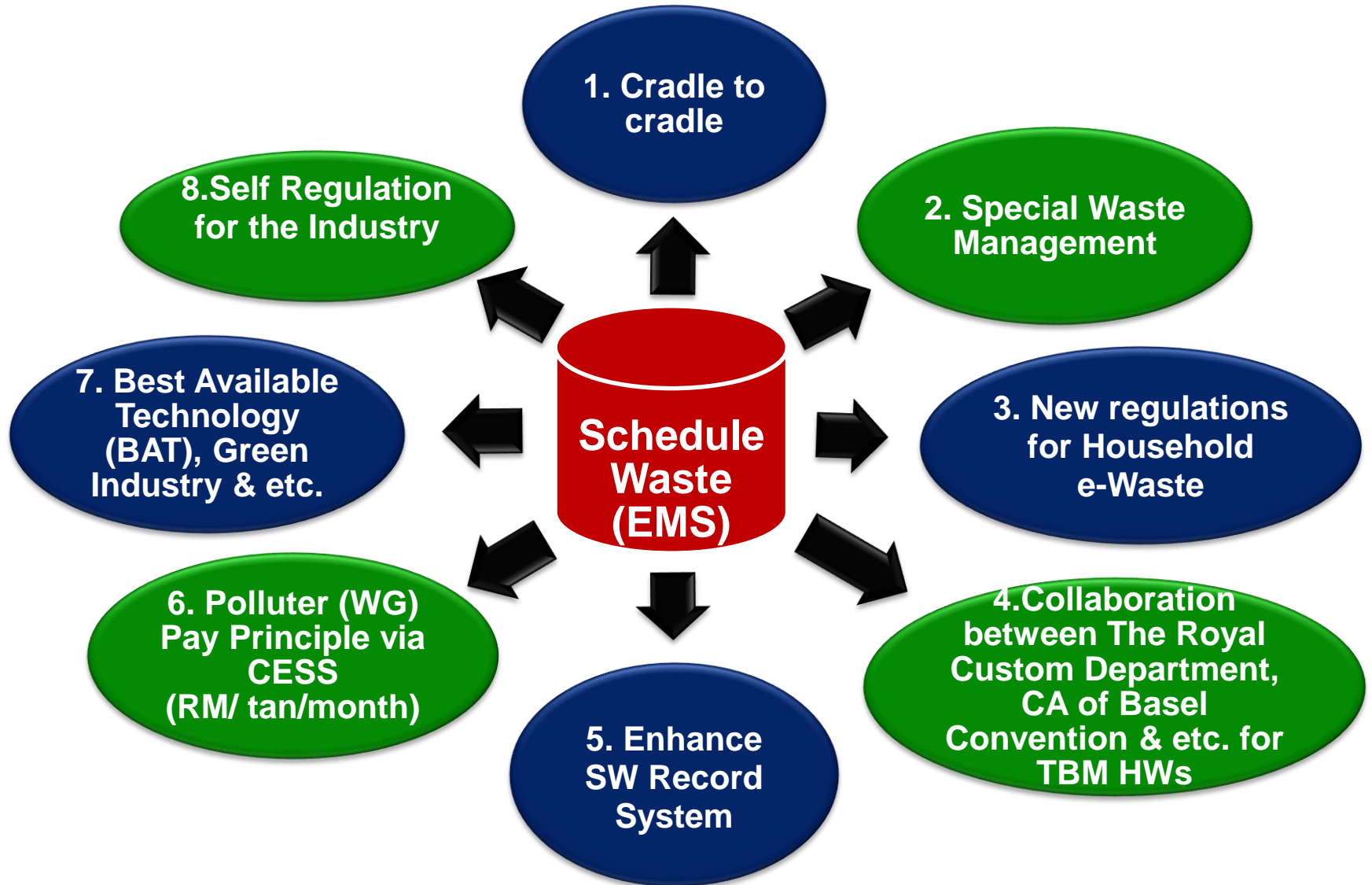


E-WASTE ALAM ALLIANCE PROGRAMME

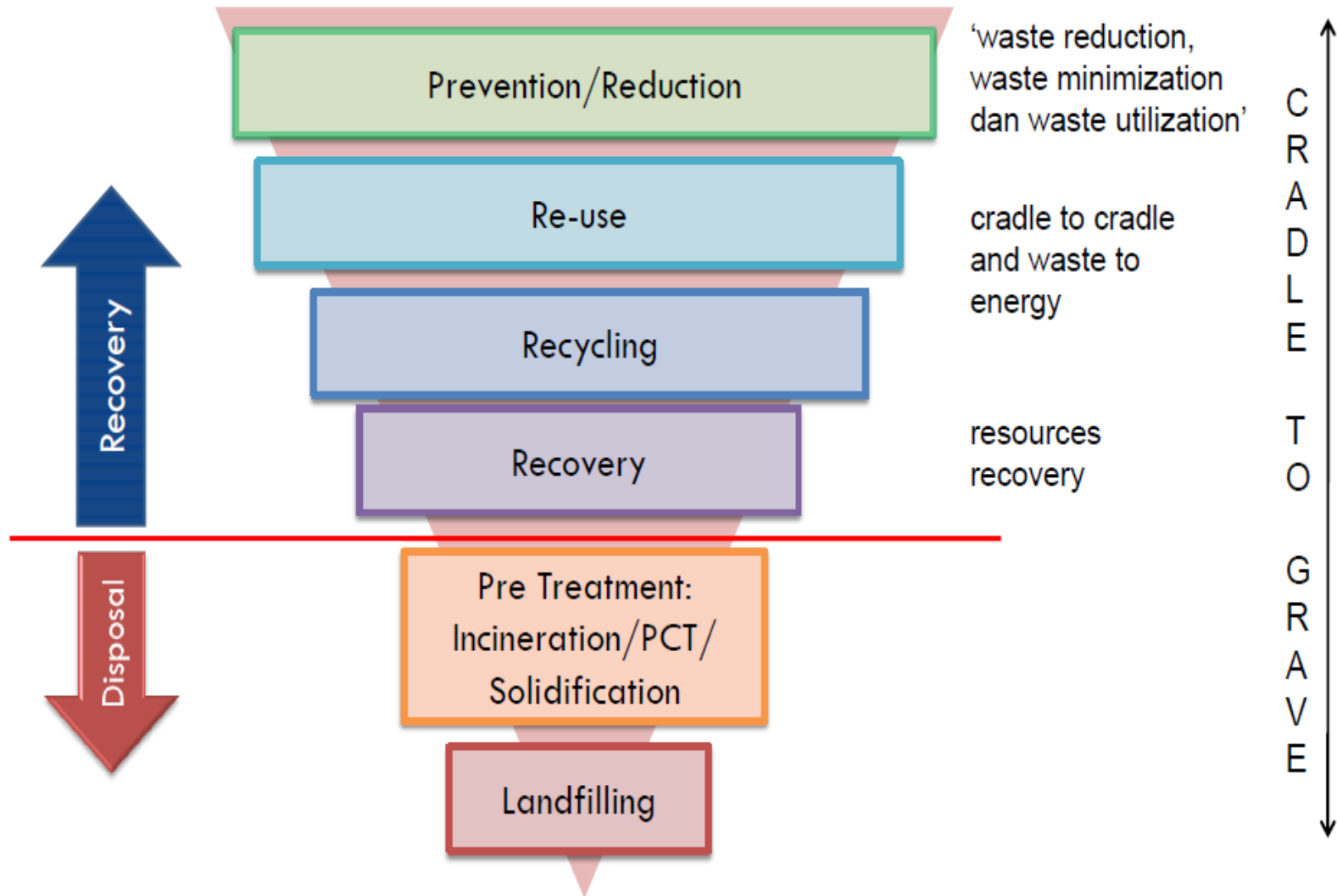
- Establishment of E-waste Alam Alliance is a follow-up of a pilot project 'The Development Model For E-Waste Collection, Segregation & Transportation from Household For Recycling' which was carried out in Penang under the sponsorship of the **Japan International Cooperation Agency (JICA)** with the cooperation between **DOE Penang** and **Penang Municipal Council**.
- E-waste Take Back Scheme by Toshiba (Malaysia) was launched on 5th February 2013
- E-waste Alam Alliance Program was officially launched on December 11, 2013 by the Deputy Minister of Natural Resources and Environment Dato 'Sri Dr. James Dawos Mamit.



WAY FORWARD IN HANDLING SCHEDULE WASTES



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תודה
Dankie Gracias
Спасибо شكراً
Merci Takk
Köszönjük Terima kasih
Grazie Dziękujemy Děkojame
Ďakujeme Vielen Dank Paldies
Kiitos Täname teid 谢谢
Thank You Tak
感謝您 Obrigado Teşekkür Ederiz
감사합니다
Σας ευχαριστούμε ඔබට
Bedankt Děkujeme vám
ありがとうございます
Tack

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