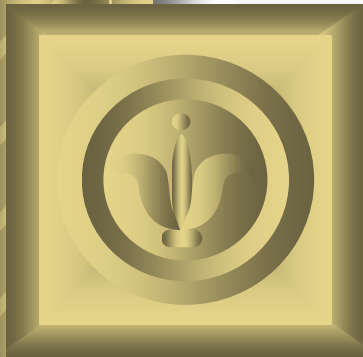


Update on implementing activities of the Basel Convention in Thailand

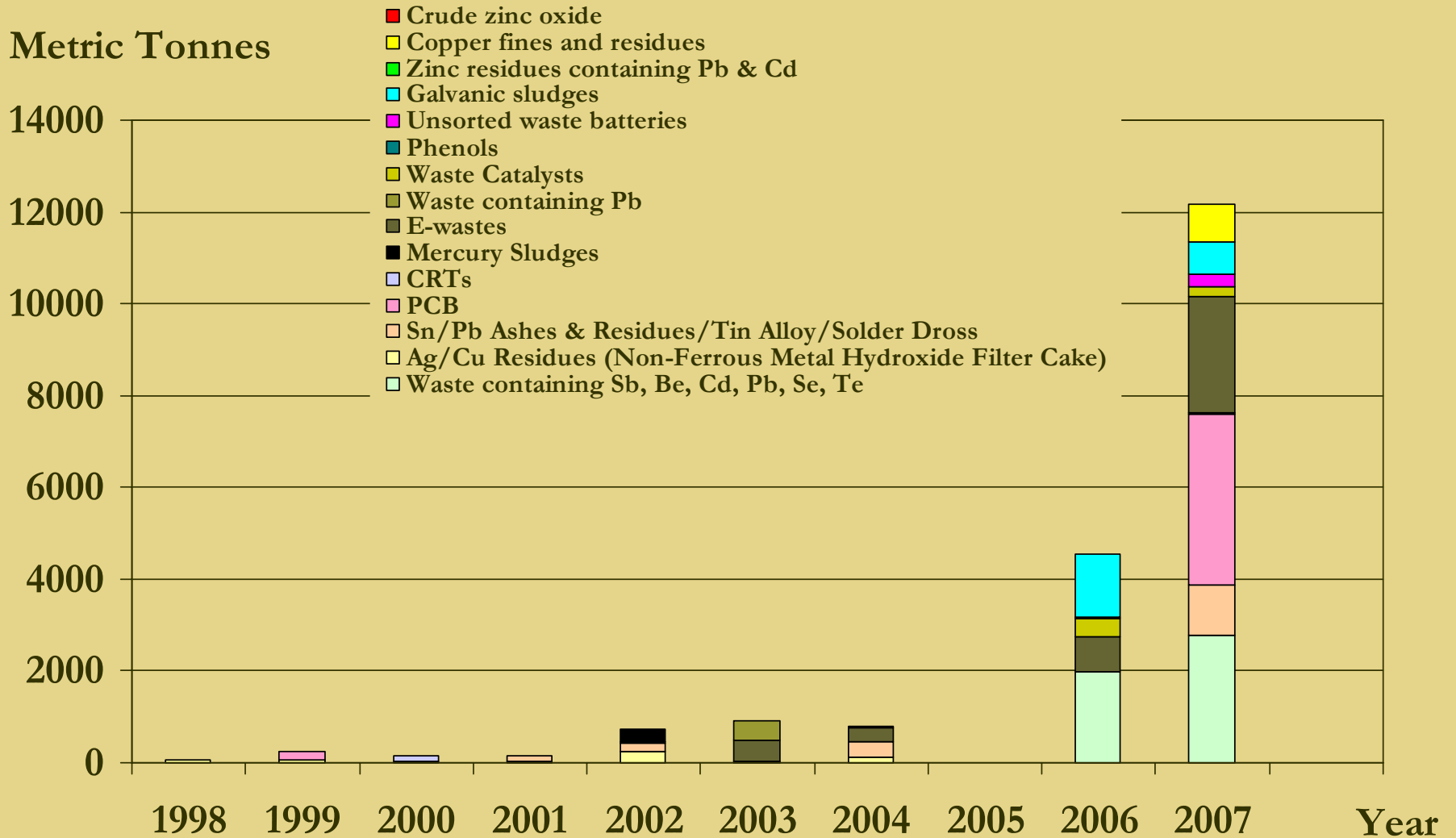
Thailand's Policy on the Control of Transboundary Movements of HW/E-wastes

- Ban on the import of wastes for final disposal and restriction on the import of wastes for 3Rs**
- Control and restrict on transit, import, and export of hazardous wastes according to the Hazardous Substance Act 1992**



Waste Import and Export Statistics

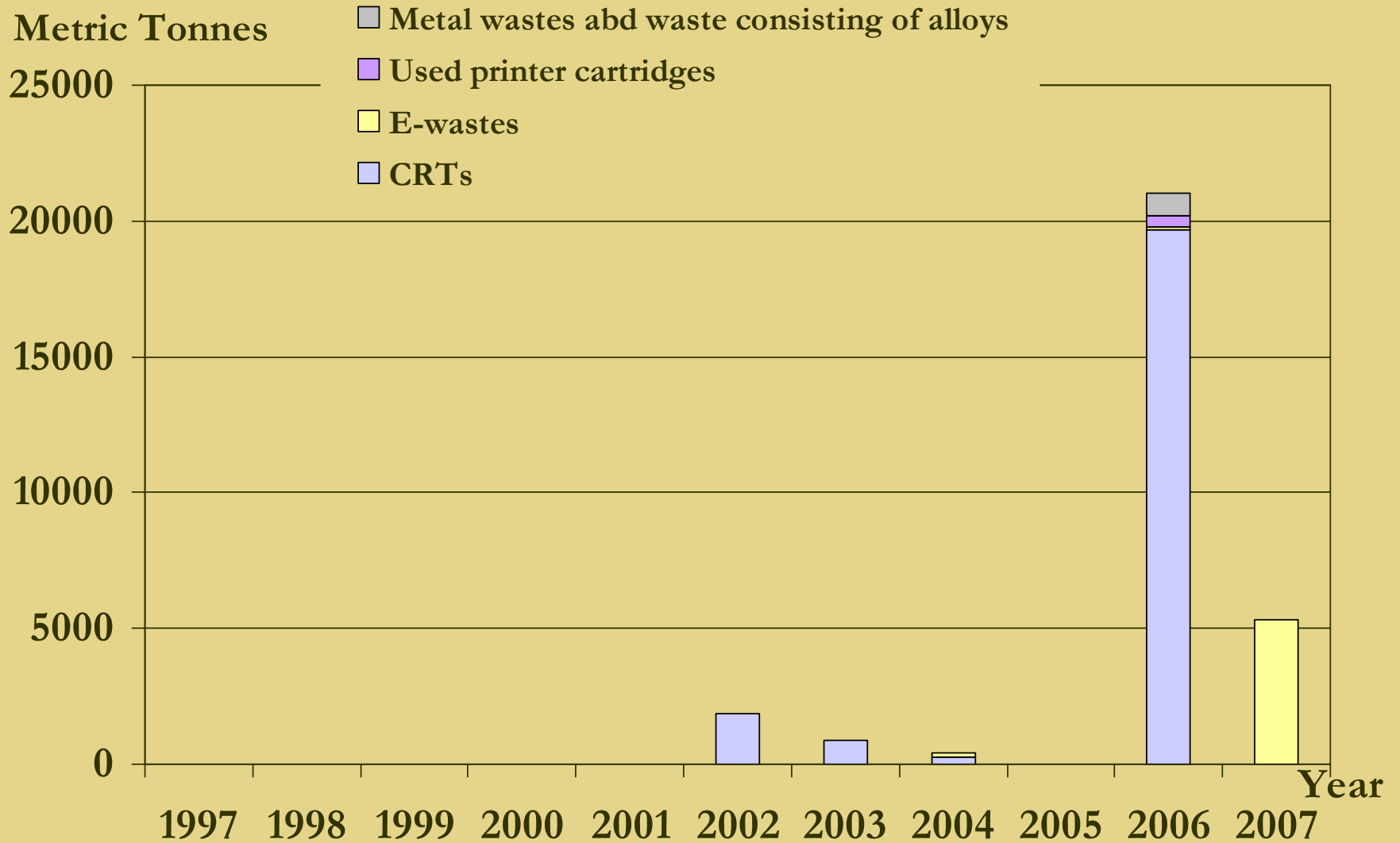
Export Amount



Importing Country/Destination

- Netherland
- Germany
- Sweden
- Belgium
- UK
- Japan
- Philippines
- Singapore
- Korea

Import Amount



Exporting Country/Origin

- Philippines
- Hongkong
- Korea
- New Zealand
- Australia
- Malaysia
- Japan

Updated Activities of the Basel Convention

- **National Sub-committee for Implementation of the Basel Convention was promoted to be under the umbrella of the National Environmental Board in April 2007.**
- **Study and evaluate the readiness of Thailand for the ratification of the Basel Protocol.**
- **Study and evaluate the readiness of Thailand for the ratification of the Basel Ban Amendment.**
- **Arrange the training Course on Identification and Prevention of Illegal Traffic of Wastes.**
- **Prepare the practice manual for controlling transboundary movement of hazardous waste according to the Basel Convention.**

Training Course on Identification and Prevention of Illegal Traffic of Wastes

**HW
definition**

**Legislation for
controlling
the HW import**

**Roles of Customs,
Port Authorities,
shipping agents**

**Environmental and
waste sampling**

**Site visit at the port
and waste facilities**

**Illegal shipment
Inspection**



The practice manual for controlling transboundary movement of hazardous waste according to the Basel Convention



Unclaimed shipments at Bangkok Port

- 32 containers were presented unclaimed at Bangkok Port.
- By scanning all containers using container X-ray on 7 – 8 Jan. 2008, it is revealed that all containers have the same contents and do not have any concealment inside.



Unclaimed shipments at Bangkok Port

- After opening 4 containers, the bales of waste paper contained in 1 m³-bag were found.
- Waste paper was in muddy-white, 10 cm-long pieces and mixed white powder.



Unclaimed shipments at Bangkok Port

- **Samples of white powder were taken to test its solubility, pH and composition.**



- **Results: Low solubility, pH about 10
Calcium and sulfate constituents are identified
by Hazcat kit.**

Unclaimed shipments at Bangkok Port

- **Samples of waste paper were taken to test hazardous substance contamination by X-Ray fluorescence spectrophotometer in the field.**
- **Results: As, Zn, Cd, Pb, Hg and Se were found in the concentration not exceed TTLC.**
- **Confirm analysis test in the lab was performed. It is expected to get the result by 28 Jan. 2008.**
- **The result will be determined for the further action.**

Updated Activities of WEEE Management

- 1. The cabinet approved the National Strategic Plan on Integrated Management of WEEE (WEEE Strategic Plan) in July 2007.**
- 2. The National Environmental Board designated the WEEE Strategic Plan Implementation Steering Sub-committee in September 2007.**



WEEE Strategic Plan Implementation Steering Sub-committee



Composition:

- Ministry of Finance
- Ministry of Commerce
- Ministry of Interior
- Ministry of Science and Technology
- Ministry of Education
- Ministry of Public Health
- Ministry of Industry
- Budget Bureau
- Bangkok Metropolitan Authority
- Local Administration Organizations
- Electrical and Electronics Institute
- Federation of Thai Industry
- Thailand Chamber of Commerce
- PCD

Responsibilities:

- Suggest plans and guidelines for implementation of WEEE strategic plan.
- Monitor, evaluate and revise plans and guidelines for implementation of WEEE Strategic Plan
- Designate the working group for directing the implementation of each strategic plan as appropriate.
- Report to the National Environmental Board and the cabinet annually.

The main issues in the WEEE Strategic Plan

- **Establishment of a new WEEE and hazardous management facility and upgrading existing dismantling and recycling facilities.**
- **Promotion of eco-products manufacturing and purchasing.**
- **Law enforcement and development.**
- **Development of systematic WEEE collection, treatment and final disposal using economic instrument.**

Activities under the WEEE strategic Plan

- **DIW issued the new regulation for the import control of the used EEE & its parts/components (to be introduced in Session II of the workshop).**
- **DIW is developing the system for tracing the life cycle of WEEE, including mobile phone, TV, washing machine, photocopier, air conditioner, computer and rice cooker.**
- **PCD is developing the inventory of HHW and WEEE (TV, VCD, DVD, washing machine, air conditioner, computer, mobile phone, digital camera, dry cell battery, fluorescent lamp and chemical containers, etc.).**
- **PCD is developing the manual for management of WEEE (TV, washing machine, air conditioner, refrigerator, computer and mobile phone).**



Challenges

- **Identify the specific code for hazardous waste in the HS code system (2007) to improve the import/export control system.**
- **Increase capacity of relevant organization on the prevention of illegal import of hazardous waste.**

One Planet

