

Updates of National Regulations and Implementation Status of the Basel Convention in Thailand



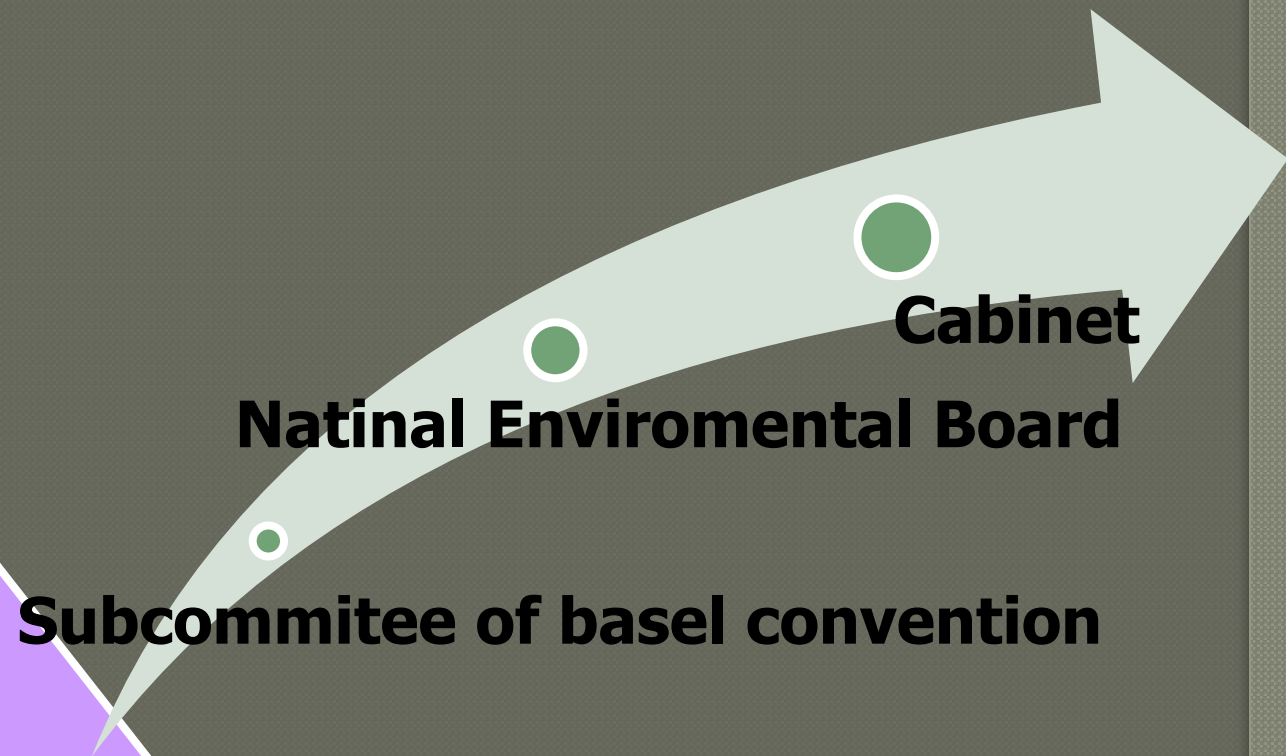
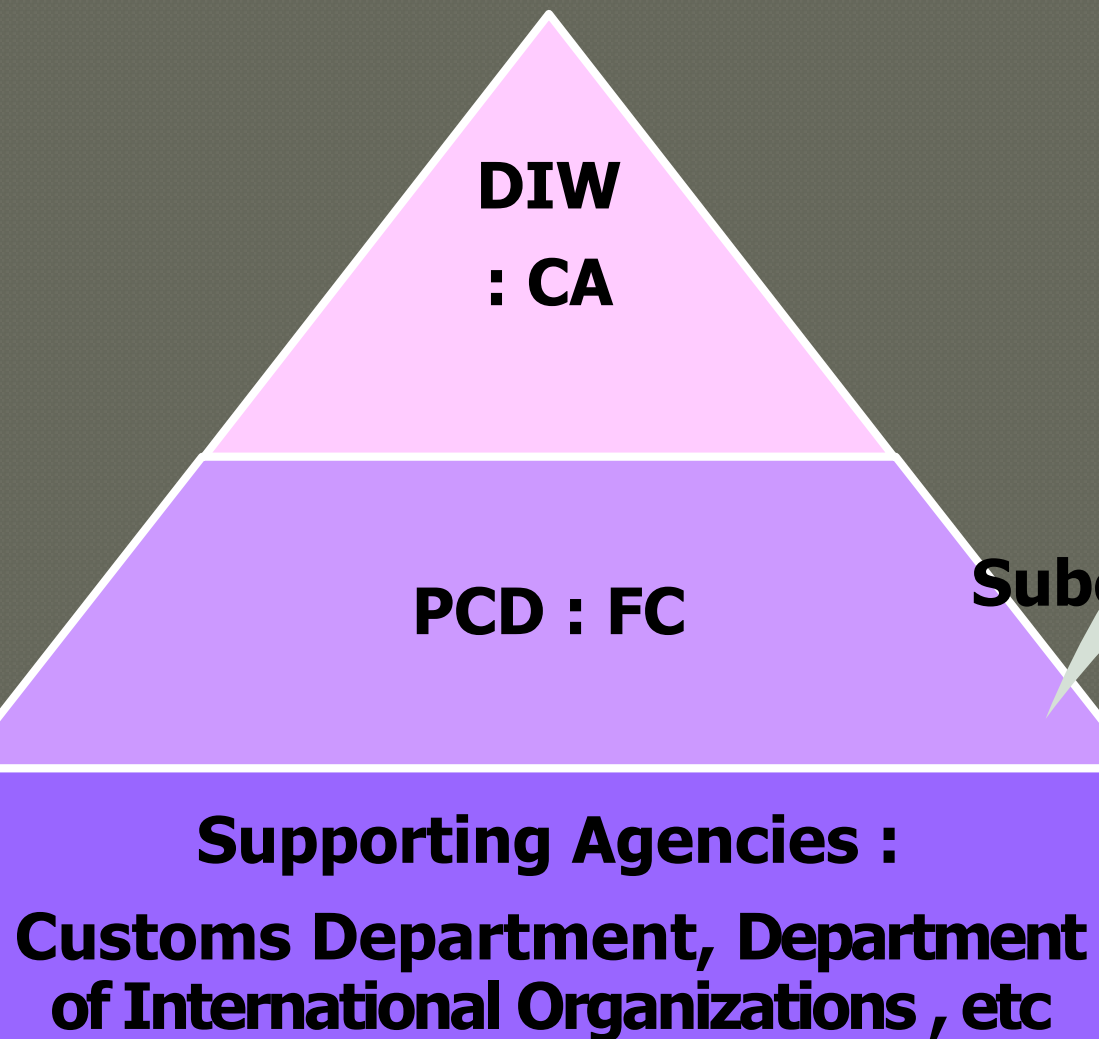
The Basel Convention in Thailand

Thailand ratified the Basel Convention on 24 November 1997 and has enforced since 22 February 1998

- **The Competent Authority (CA) : Department of Industrial Works (DIW), Ministry of Industry**
- **The Focal Point (FP): Pollution Control Department (PCD), Ministry of Natural Resources and Environment**
- **Supporting Agencies:** Custom Department, Ministry of Finance
: Marine Department, Ministry of Transport
: Port Authority of Thailand
: Department of Treaties and Legal Affairs, Department of International Organizations, Ministry of Foreign Affairs, etc.



Mechanism for joint operations of the Basel Convention in Thailand



**Policies / regulations in management
and export-import
of HW / E-wastes in Thailand**

National Legislation to control the import/export of hazardous waste and other wastes

- **Hazardous Substance Act B.E. 2535 (1992) (main)**
- **Customs Act B.E. 2560 (2017) (main)**
- **Export and Import of Goods Act B.E. 2522 (1979)**
- **The Navigation in Thai Waters Act, B.E.2456 (1913)**
- **The Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992)**

Transboundary movement

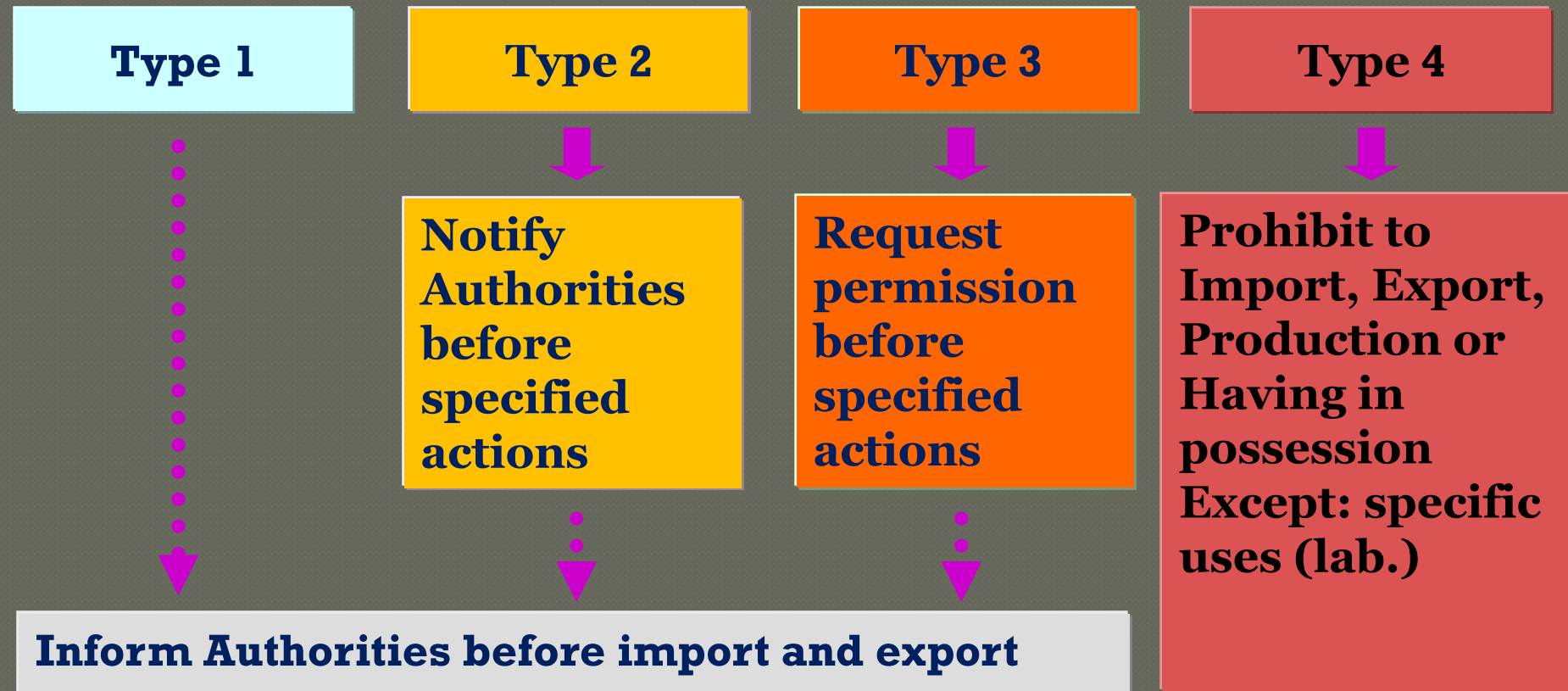
Basel convention Annex VIII , III

**Hazardous Substance Act B.E.
2535**

Import and Export License

Hazardous Substance Act B.E. 2535 (1992)

Classification of Hazardous Substances/Wastes into 4 types



Hazardous Substance Act B.E. 2535 (1992)

The Notification of the Ministry of Industry on the List of Hazardous Substance B.E. 2546 (2003)

List 5.2 Chemical Waste (Type 3 and 4)

- 61 items of Hazardous Waste in Annex VIII,
list A of the *Basel Convention*
- 1 item (as Used lubricant oil)
- 1 item (as Dry cell batteries (Hg & Cd) **(banned)**)

List 5.3 Used Electrical and Electronic Equipment (EEE)

Hazardous Substance Act B.E. 2535 (1992)

Conditions for import chemical waste to Thailand (hazardous waste)

- 1. The importer should be factory and import waste to use as a raw material in their factory only. If import for commercial purposes (e.g. sell or distribute) is prohibited.**
- 2. The applicant shall notify information or present documentation**
- 3. The import license issue year by year**
- 4. The amount of waste will not over the capacity of factory**

Legislation relating to imports of other wastes

- Plastic scraps
 - Prohibit unclean and unsorted plastic scraps
 - Allow cleaned plastic scraps which length is less than 2 cm except plastic used as raw material in polyester factories and electronic and electrical factories.
- Used tires
 - Prohibit used tires , except import of used bus tires for retreading and then export.
- Used acid-lead batteries
 - Prohibit used acid-lead batteries (whole and parts)

Customs Act B.E. 2560 (2017)

Cancelled the Customs Act B.E. 2469 (1926)

Enforce new one on November 13, B.E. 2560 (2017)

Rationale behinds Customs law

- ◉ To collect duty on “goods” which “enter into” or “export out of” Thailand
- ◉ Consumption in Thailand
- ◉ Should the concept be applied to “transit goods?”

6 Important Amendments

- 1. Penalties**
- 2. Rates of Reward Payment**
- 3. Timeframe for post audit**
- 4. Timeframe for Duty Assessment**
- 5. Appeal Committee**
- 6. Transit and transshipment**

Current status of management of the specific waste streams and challenges

- **E-wastes**
- **Used Lead-Acid Batteries (ULABs),**
- **Mercury wastes**

Information on the current status of recycling and treatment facilities

NAME	LOCATION	Category of waste	Treatment method	Capacity (ton/day)
WMS Depot Co., Ltd	Songkla Province	Mercury Waste	Extraction and recycling of mercury waste	1.33
Fuji Xerox Eco Manufacturing co., Ltd.	Chonburi Province	E-waste (Copy machine/CRU)	Dismantling and recycling of copy machine/CRU	14.2
Virogreen Co., Ltd	Ladkrabung Bangkok Province	E-waste	Dismantling and Crushing E-waste	41
Lianghuat limited partnership	Samutsakorn Province	Lead acid batteries	Melting /recycling Lead acid batteries waste	27

The volume of import/export 2016-2017

Import

Category of waste	Country of origin 2016	Country of origin 2017	Quantities /2016/ton	Quantities /2017/ton
E-waste	Japan, Hong kong, the Philippines, Singapore, Malaysia	Hong kong, the Philippines, Singapore, Malaysia, UK, Sri lanka	9402.61	41,945
Used lead acid battery	Not allow to import			
Mercury waste	No data			

The volume of import/export 2016-2017

Export

Category of waste	Country of destination 2016	Country of destination 2017	Quantities /2016/ton	Quantities /2017/ton
E-waste	Japan, Hong Kong, Singapore, Korea	Japan, Hong Kong, Singapore, Korea	7839.98	6194.54
Used lead acid battery	France	France	108.39	21.61
Mercury waste	Switzerland, Japan , Singapore, Korea	Switzerland, Germany , Singapore, Korea	456.15	997.24

Thank you

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