

Implementation Basel Convention and regulations of plastic waste management in Vietnam



Vietnam Environment Administration (VEA)
Ministry of Natural Resources and Environment (MoNRE)

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Legal framework of transboundary hazardous waste

1. The Law on Environmental Protection 2014

Hazardous waste transported to other countries must comply with treaties to which the Socialist Republic of Vietnam is a contracting party.

2. Decree No. 38 dated 24 April, 2015

Article 8: Organizations and individuals collect and transport of hazardous wastes must have permitte on hazardous waste treatment.

Article 13: The Ministry of Natural Resources and Environment is the authority and focal point of the Basel Convention in Vietnam.

Legal framework of transboundary hazardous waste

4. Circular No. 36/2015/TT-BTNMT on Hazardous waste management

- Article 23. Transboundary of hazardous wastes

Organizations and individuals registering for transboundary of hazardous wastes shall submit dossiers to the General Department of Environment for consideration and approval, including:

- a) The application for registration of transportation
- b) The copy of the treatment contract with the hazardous waste treatment unit in the importing country;
- c) Notice of shipment in English in the format provided for by the Basel Convention (<http://www.basel.int/techmatters/forms-notif-mov/vCOP8.pdf>).

Regulation on importing plastic waste

Notice No. 27 date 17 September, 2018 of Prime Minister on enhanced management of imported scrap, including scrap plastic

- Strengthen control of imported scrap
- Adjust and supplement regulation on pollution control for scraps importing

Regulation on importing plastic waste

Decision No. 73/2015 on List of scrap importing (including plastic scrap)

No.	Scraps	HS code
1	Plaster	2520 10 00
2	Small particle slag (sand slag) from iron or steel metallurgy industry.	2618 00 00
3	Mixed chemical elements used in electronics in plate, thin layer or similar types.	3818 00 00
4	Scraps and pieces of plastics from polymer ethylene (PE): porous type, non-hard.	3915 10 10
5	Scraps and pieces of plastics from polymer ethylene (PE): Other type.	3915 10 90
6	Scraps and pieces of plastics from polymer styrene (PS): porous type, non-hard.	3915 20 10
7	Scraps and pieces of plastics from polymer styrene (PS): Other type.	3915 20 90
8	Scraps and pieces of plastics from polymer vinyl chloride (PVC): porous type, non-hard.	3915 30 10
9	Scraps and pieces of plastics from polymer vinyl chloride (PVC): Other type.	3915 30 90
10	Scraps and pieces of plastics from other types.	3915 90 00

Regulation on importing plastic waste

Circular No. 08/2018 / TT-BTNMT and Circular No. 09/2018 / TT-BTNMT approved national technical regulations on scrap importing:

- Plastic scrap type
- Impurities type and rate including plastic scrap importing
- Inspection of plastic scrap

Regulation on importing plastic waste

Decision No. 582 / QĐ-TTg dated 11 April, 2013 of the Prime Minister approved the Scheme up to 2020 on enhancing the control of environmental pollution caused by plastics bags:

Target to 2020, 65% of the quantity of disposable plastic bags will be used in supermarkets and trade centers compared to 2010

Implementation of the Basel Convention in Vietnam

Exchange of information with Basel Convention focal points (Hong Kong, China, Japan, Korea, Malaysia, Singapore, Germany, Netherlands, Canada ...) to notify of HW exports and inform illegal HW transboundary movements. Some typical examples of illegal plastic waste import cases as follows:

On 03/01/2017, at the port of Phuoc Long - Thu Duc, the customs inspection team carried out a search of 4 imported scrap containers of CEM Joint Stock Company. All the goods in the containers are plastic waste in the list of goods banned from import.



Implementation of the Basel Convention in Vietnam

These plastic waste containers were imported from Hong Kong and the USA to Phuoc Long Port, Viet Nam.



Implementation of the Basel Convention in Vietnam

A shipment of refrigerating and electronic household appliances was seized by the Customs at the Tan Cang - Cai Mep International Port in October, 2017.



Implementation of the Basel Convention in Vietnam

Exporting plastic scrap

Category of wastes	Year	Country of destination	Quantity (in metric tons)
plastic waste	2014	Malaysia	400
plastic waste	2014	Japan	600
plastic waste	2014	Singapore	1,729
plastic waste	2015	Japan	600
plastic waste	2015	Malaysia	230
plastic waste	2015	Singapore	1,999
plastic waste	2016	Singapore	60
plastic waste	2017	Korea	100
plastic waste	2017	Singapore	60

Importing plastic scrap

2016-2018: 37 industries imported plastic scrap

Total amount importing: 46.8 million tons (in permit)

Total amount imported (up to 9/2018): about 284,387 tons.

+ 2016: 18,548 tons

+ 2017: 90,839 tons and

+ 9 months of 2018: 175,000 tons

Challenges and difficulties

1. plastic waste generation

Index per capita plastic consumption in Vietnam has increased rapidly

1990: 3.8 kg / year / person

2015: 41kg / year / person

+ From household: Plastic bag about 8-12% of household solid waste.

+ From industries (no statistics)

+ Calculation on 10% of the plastic waste and plastic bags are not recycled on average, the amount of plastic waste and plastic bags disposed in Vietnam is approximately 2,500,000 tons/year.

Challenges and difficulties

2. plastic waste collection and recycling/disposing

Recycling technology

- Land fill
- Burning
- Recycling



In HCM city, 19,2% plastic waste was land fill, the rate of plastic recycling is too small and extant part was discharge to environment

Challenges and difficulties

Challenges on plastic waste management

- There is no fully regulation system on waste recycling;
- Poor recycling cause by waste not being able to classify at source
- Existing recycling process is ineffective, lost of natural resources.
- Lack of recycling technology.

Thank you for your attention!

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