

# Control of waste plastic/ plastic scrap import into Thailand

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Ministry of Industry, THAILAND

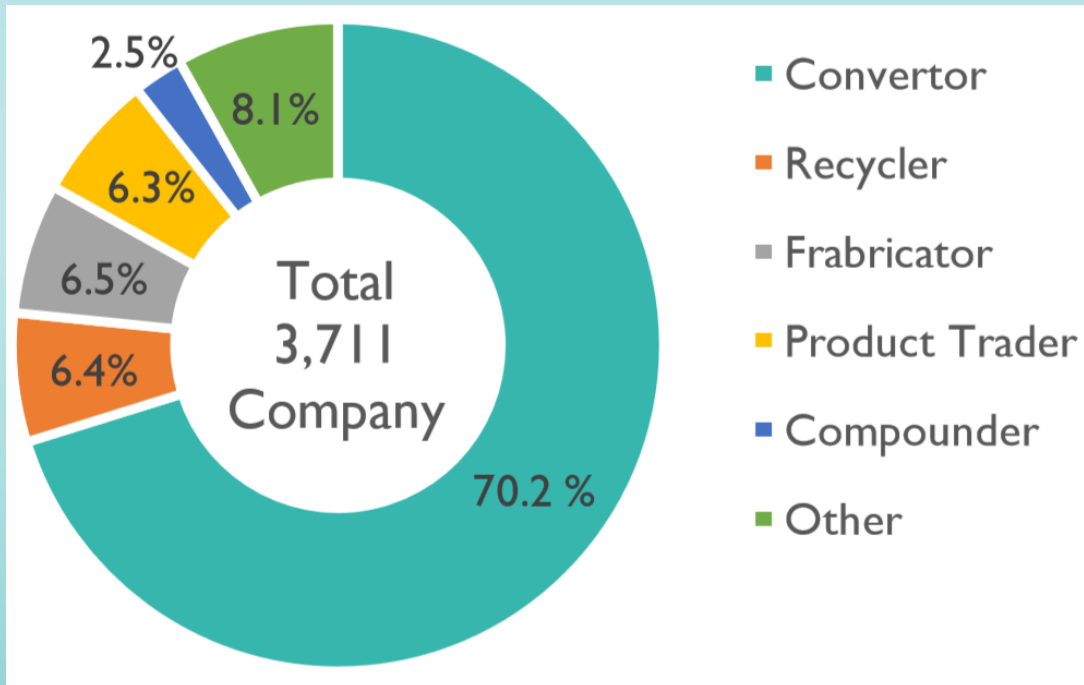




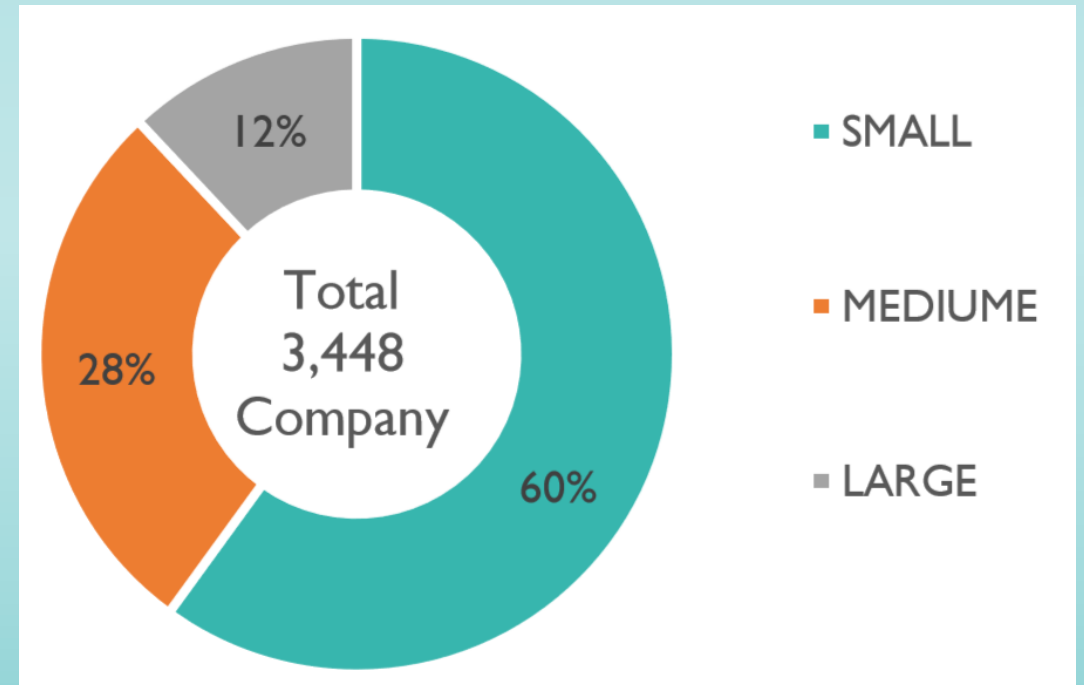
# Plastic Industry Overview

Information in this section is from  
Plastic Intelligent Center, Thai Plastic Institute,  
Thailand Plastics Industry – Facts and Figures, 2017.  
<http://www.thaiplastics.org/>

## Type of Plastic Business Operators

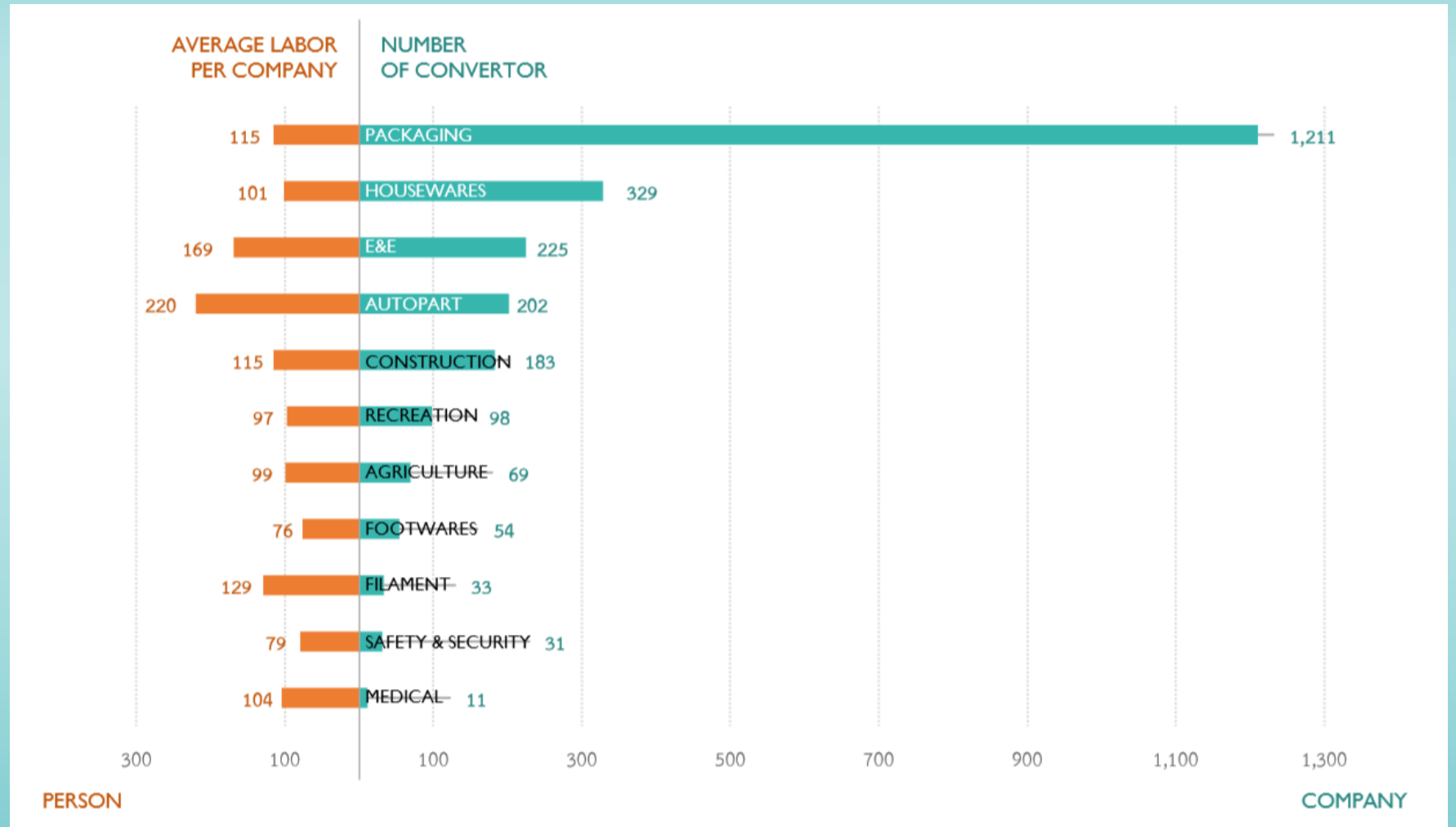


## Size of Plastic Business Operators



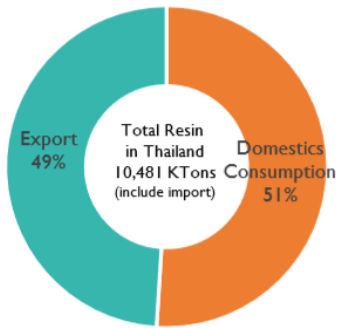
SMALL : workers < 50 persons,  
MEDIUM : workers 51 – 199 persons  
LARGE : workers > 200 persons

# Number of Plastic Converter by Industrial Sector

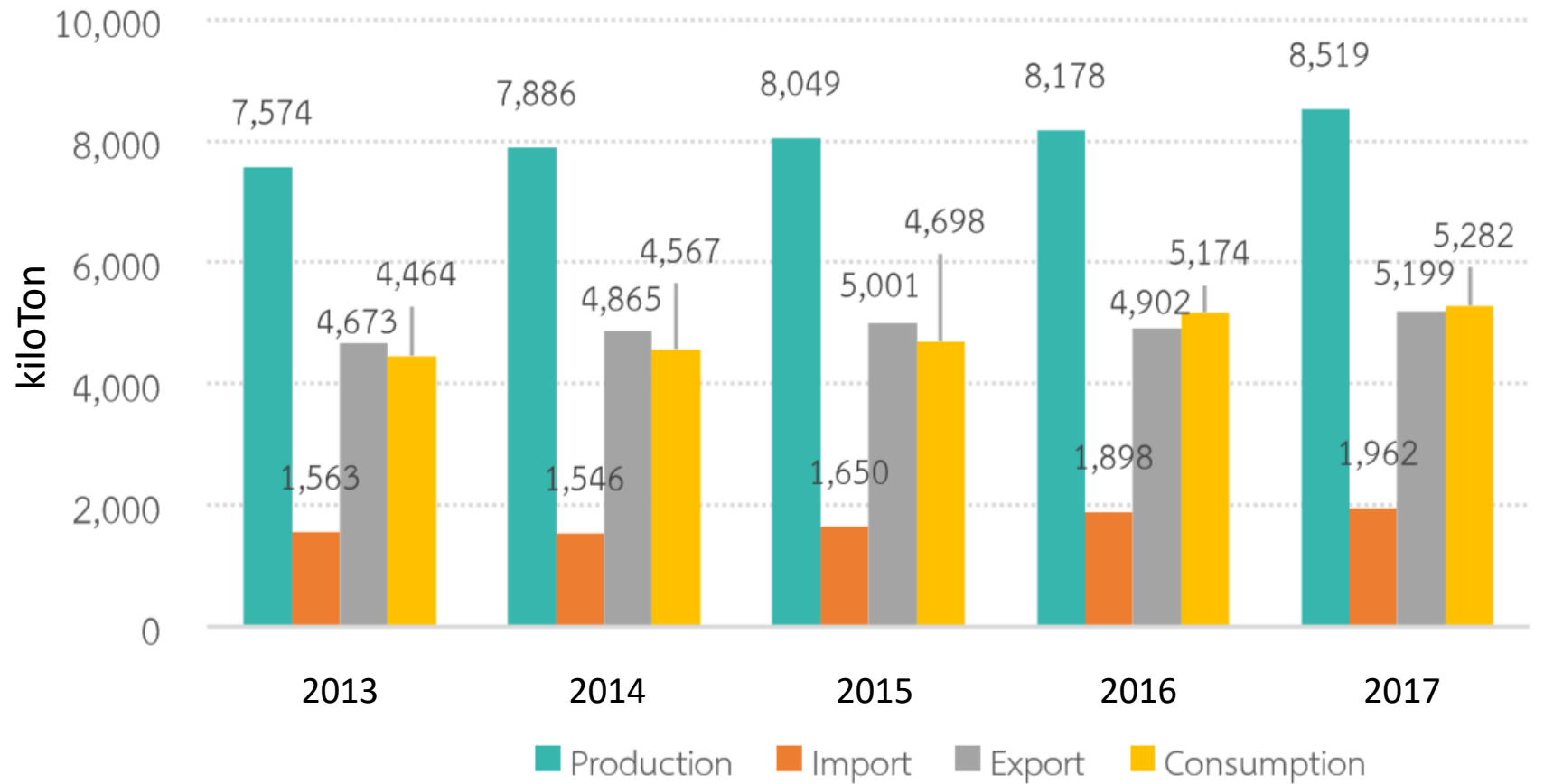
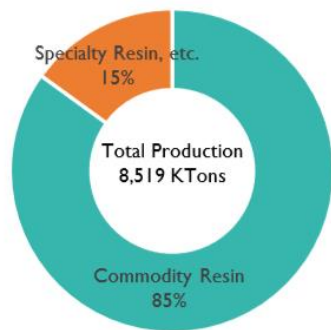


# Plastic Resin Profile

EXPORT AND DOMESTIC  
CONSUMPTION RESIN OF  
THAILAND

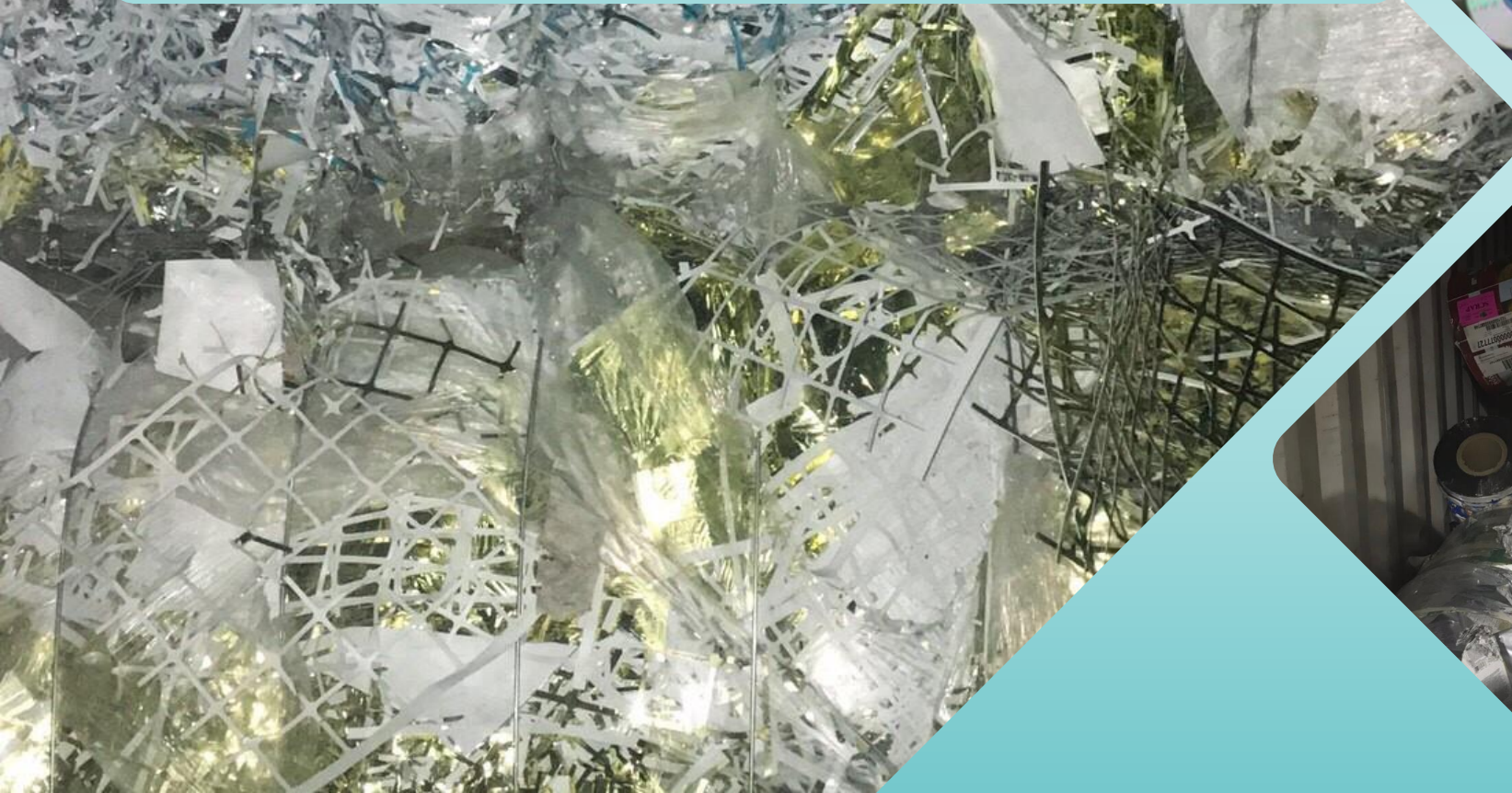


THAILAND  
RESIN PRODUCTION  
PORTFOLIO

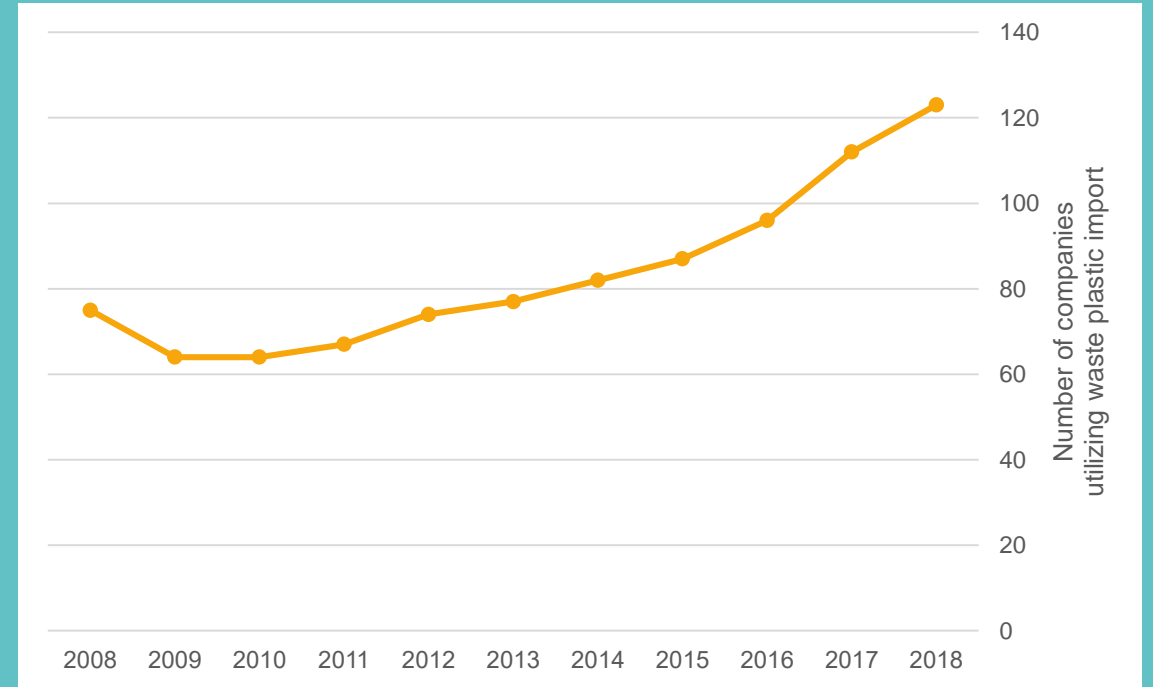
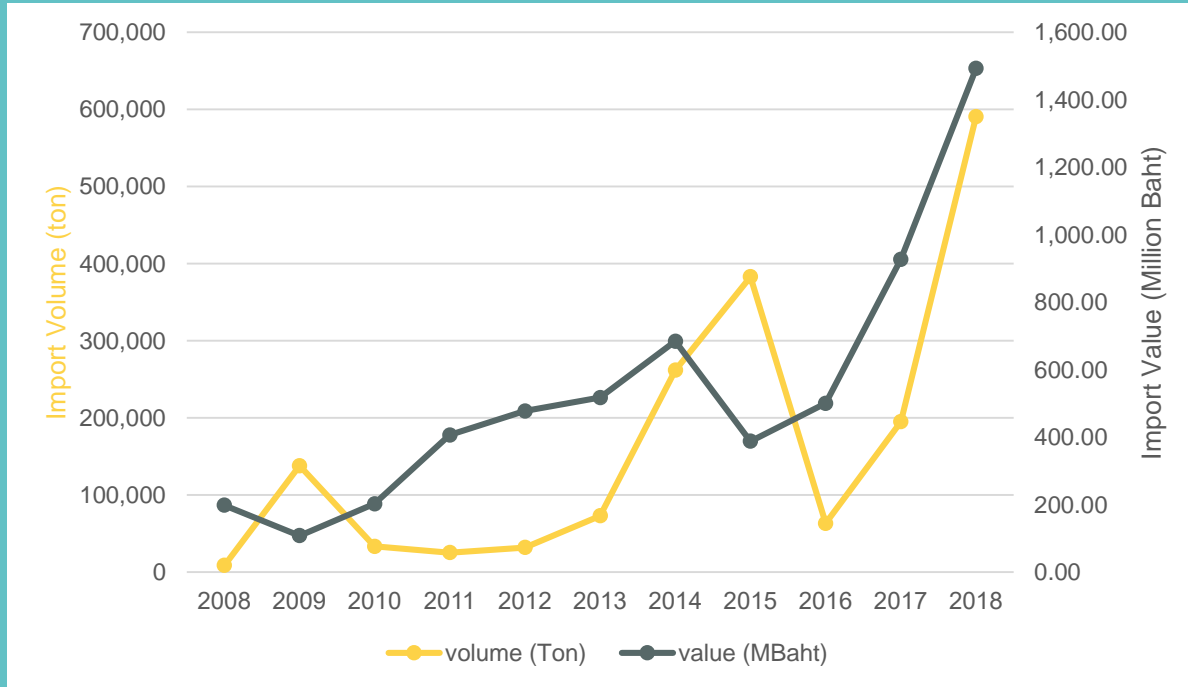




# Waste plastic import




# Waste Plastic Import Records



Information source – DIW database, 2018

# Import regulation of waste plastics

Department of Industrial Works (DIW) announced Ministerial Notification : permission criteria of import waste plastics in 1996

1. The applicant shall be a factory which main business is to produce plastic products.
  2. Imported plastic scraps shall be used as a raw material in a factory only. Import for commercial purposes (e.g. sell or distribute) is prohibited.
  3. Imported plastic scraps shall be single type of plastic material, and shall be processed into small pieces of approximately less than 2 centimeters in length.
  4. Imported plastic scraps shall be able to use directly in production process without pre-washing step.
  5. Permitting quantity of imported plastic scraps shall not exceeding the installed capacity of the factory.
- 

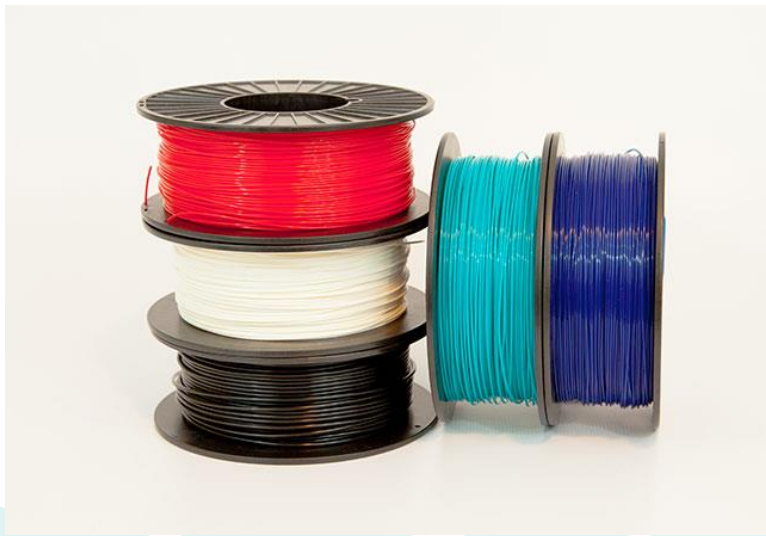
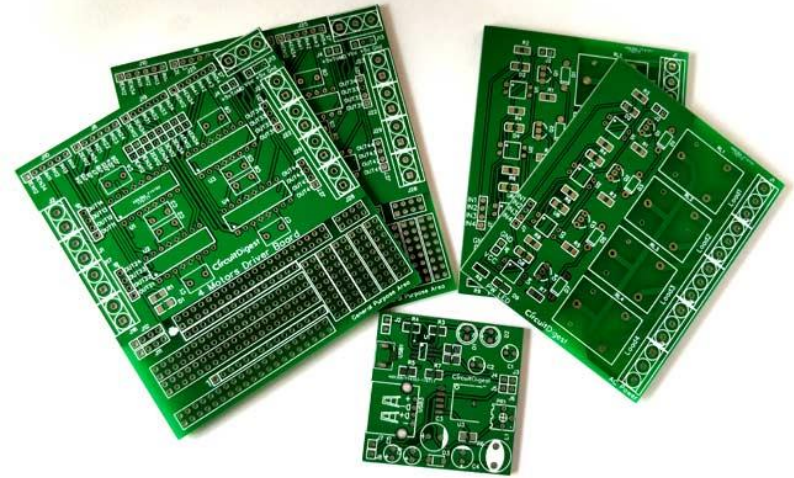
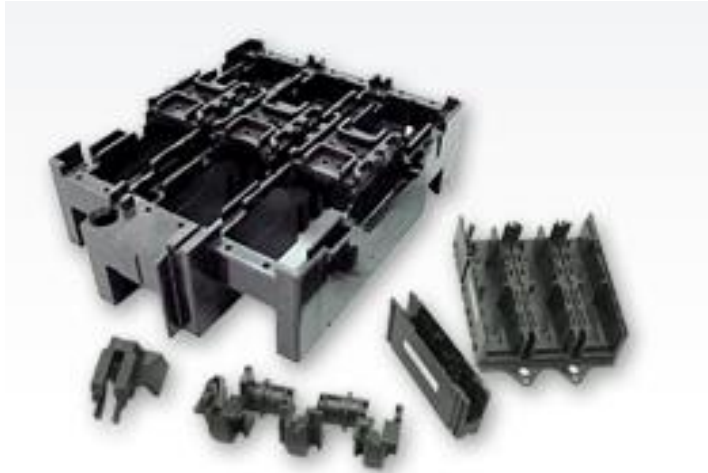


# Allowable plastic scrap import





# Prohibited plastic scrap import





# Problems Started



No control : Low quality plastic, mixed with E-waste, poor recycling facility



# Our ad-hoc team



**Mr. Naroon  
Suksmarn**

Team Leader



Lead the Team and  
Direct Report to the Boss,  
Handle Team's Problems.



**Ms. Pranomporn  
Lokkamlue**

IT Support



Create Plastic Import  
Control On-line System



**Dr. Sirakarn  
Leungsakul**

Technical Support



Setting up Plastic Import  
Control System



**Tough Guys**

Inspector Team



Inspect 100%  
Waste Plastic Containers

Exporter



Importer

Permit



Manufacturer

Permit

# Current Waste Plastic Import Control System



## Import Permit

Waste plastic import quota is given per facility

Department of Industrial Works (DIW)



## Import Notification

Importer must notify DIW on-line each shipment and schedule for inspection

Importer



## Inspect Container

Waste plastic containers must be x-rayed and opened to inspect and confirmed before release from ports.

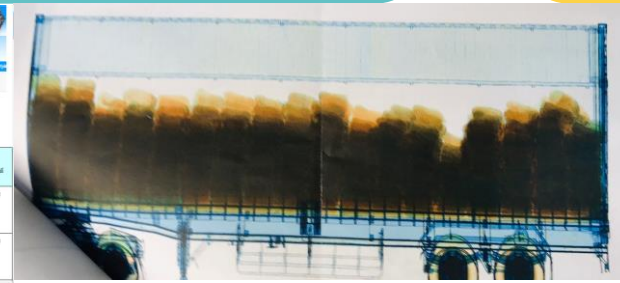
Customs @Port



## Inspect @factory

Waste plastic is allowed to be used at designated facility only. Re-sale or forward to other facilities are prohibited.

Provincial Officer



เลขที่ใบแจ้ง	เลขที่ใบแจ้ง	Tracking No. ยืนยัน 11/0561-YMLU2704807-YMLU848163
YMLU848163	เอกสารแจ้ง	
YMLU848163	เอกสารแจ้ง	
YMLU848163	เอกสารแจ้ง	

เลขที่ใบแจ้ง	เลขที่ใบแจ้ง	Tracking No. ยืนยัน 11/0561-YMLU2704807-YMLU848163	สถานะ	วันที่ตรวจสอบ	ผลการตรวจสอบ
YMLU848163	เอกสารแจ้ง		ผ่าน	2564-11-20	ผ่าน
YMLU848163	เอกสารแจ้ง		ผ่าน	2564-11-20	ผ่าน
YMLU848163	เอกสารแจ้ง		ผ่าน	2564-11-20	ผ่าน



# Waste Plastic => Recycled Plastic

## Supporting mechanism of Circular Economy





# News Headlines

THAI LIFE

## Top 10 most plastic polluted rivers in the world (2019)

Published 1 week ago on February 10, 2019  
By The Thaiger



Would you believe that 90% of plastics in the world are located in Asia and one of them borders Thailand rivers in the world?

### 10th- The Mekong River

One of the longest rivers in Asia and one that's located in Asia and one of them borders Thailand. It supports 200 million people depend on industries.

<https://thethaiger.com/thai-life/top-10-most-plastic-polluted-rivers-in-the-world-2019>

## Fighting the plastic waste

EDITORIAL  
BANGKOK POST  
EDITORIAL COLUMN

30 Jan 2019 at 04:21  
NEWSPAPER SECTION  
15 comments



Plastic bags captured near the RCA entertainment district

A group of the world's big energy, petrochemical manufacturing companies has just announced a programme to cut pollution by plastic waste in Southeast Asia. The investment totals US\$1

<https://www.bangkokpost.com/opinion/opinion/1620230/fighting-the-plastic-waste>

## Hotels urged to cut

Incentives dangled to help environment

22 Jan 2019 at 06:40  
NEWSPAPER SECTION: BUSINESS  
11 comments



Volunteers collect rubbish on Koh Chang in Trat province. Hotels have been urged to cut plastic use by Jakkarit Waewkrai Hong

<https://www.bangkokpost.com/business/tourism-and-transport/1615346/hotels-urged-to-cut-plastic-use>

ภูมิภาค

## 'บางกระเจ้า' เตือนร้อนหนัก 'รง.พลาสติก' สร้างสะพานทางคลอง ชาวบ้านสับจรไม่ได้-กลืนขยะคลุ้ง

วันที่ 15 กุมภาพันธ์ 2562 - 10:10 น.

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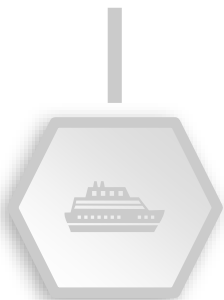
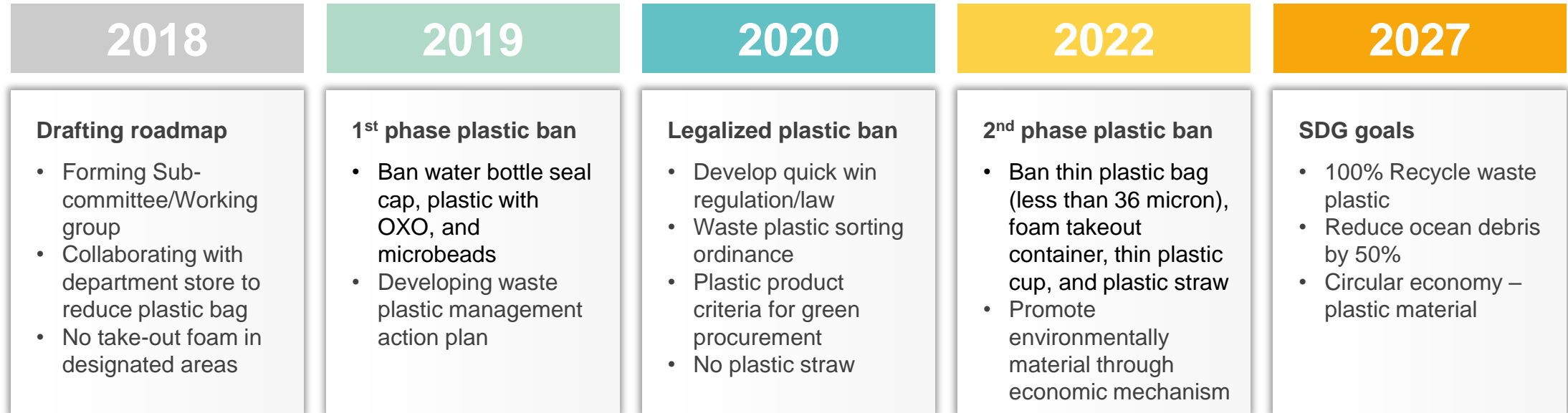
LINE



เมื่อวันที่ 15 กุมภาพันธ์ จากกรณี ที่มีตัวแทนชาวบ้าน 2 ตำบล ในเขตเชื่อมต่อระหว่าง ต.ชัยมงคล และบางกระเจ้า ซึ่งได้รับคำยกย่องว่า เป็นปอดกรุงเทพฯ อ.เมืองสมุทรสาคร จ.สมุทรสาคร

[https://www.matichon.co.th/region/news\\_1364230](https://www.matichon.co.th/region/news_1364230)

# Domestic Waste Plastic Management Roadmap 2018 – 2030







Thank you  
for your attention

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[HS Licensing2@diw.mail.go.th](mailto:HS Licensing2@diw.mail.go.th)

