

WEBINAR II

Lessons learned from COVID-19 pandemic situation towards building resilient cities (SDG 11) – What can 3R and circular economy offer at local, national and regional level?

1 December 2020

Closing

COVID-19 pandemic

- Significant decrease in Nitrogen dioxide (NO₂) and PM2.5 concentrations
- Increase in demand of online purchase, home delivery of food and other necessities
- Significant increase the amount of waste, especially single-use plastics.



Build-back-better aftermath of the COVID-19 pandemic

- 3R and Circular Economy concept must be considered to minimize the health impact of such pandemic in the future
- Waste separation and collection are important to build the Circular Economy
- Reduction in their waste generation by changing behavior and redesign the business model
- Investment in recycling infrastructure
- Measure of protection of waste workers and public health

Thailand initiatives on waste management especially plastic waste management

Thailand Roadmap on Plastic waste management

Thailand's Roadmap on Plastic Waste Management 2018 – 2030



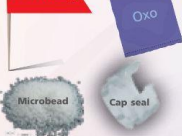
Target

1. Reduce and stop using single-use plastic targets by replacing with environmental friendly products.
2. 100% of target plastic wastes to Circular Economy.

Stop using in 2019

- Cap seal
- Oxo
- Microbead

Phase 1



2019

0.5 million tons
Utilization

2 million tons
or 12 % of the
total waste
generation

Partially remain
in Environment

1.5 million tons
Disposed by
landfill or incinerator

SDGs

- Summary of implementation in according to SDGs
- Continuously working to meet the target of Roadmap

- Law enforcement on Plastic Waste Management

2021

2018

- Establish Subcommittee/ Working groups
- Develop Roadmap for Plastic Waste Management 2018 – 2030

2020

- Develop guidelines/ requirements/ standard for environmental friendly plastic products

2022

Phase 2

Stop using in 2022

- Plastic bag < 36 micron
- Foam food container
- Plastic cup < 100 micron
- Plastic straw

- Monitoring, evaluation and review Roadmap and Action Plan
- Develop recycling plastic waste system through circular economy

2023

2026

- Reducing and stop using other single-use plastics

Phase 3 100% of target plastic wastes to Circular Economy



**Problems of
Plastic Waste
in Thailand**



Current Situation on Plastic Waste Management in Food Delivery



Increasing of the
consumption of food
delivery approximately 30%

• A survey conducted by PCD during 15 – 26 April, 2020

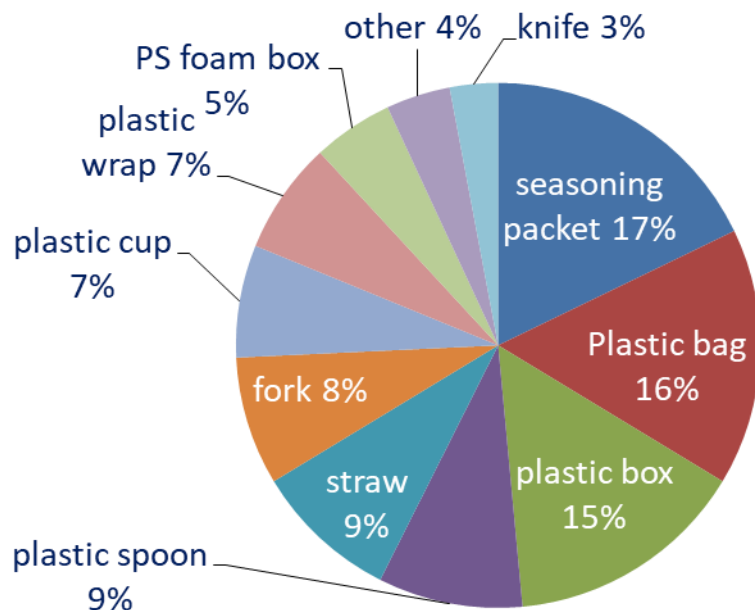
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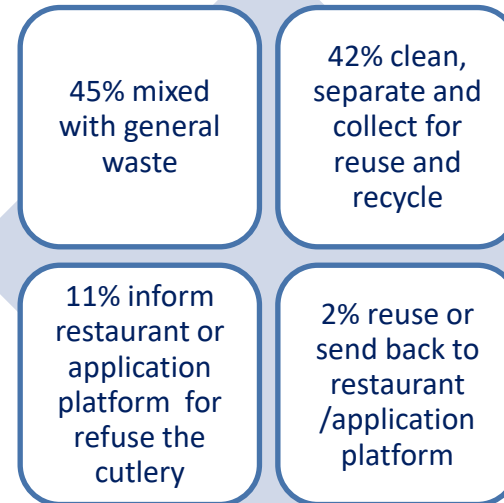
Use application
57%



Cook at home
43%



• Plastic waste composition from food delivery



• Plastic waste management from
food delivery by consumers

Conduct MOU to reduce single-use plastic in food delivery



MEMORANDUM OF UNDERSTANDING (MOU) Between Pollution Control Department, Ministry of Natural Resources and Environment And



This MOU made to show the intention to agree between PCD and the other to jointly create cooperation between the public and private sectors to preventing and solving the problem of plastic waste by driving the reduction of single-use plastics from Food Delivery.

Guideline for Plastic Waste Management in Food Delivery



Application platform (Food delivery service provider)

- Add opt-in function in Application (refuse utensils and other include seasoning packets, showing Eco Label /environmentally friendly packaging /stores provided information to make decisions)



Restaurant

- Use environmentally friendly packaging
- Ask customer about eating utensil and other include seasoning



Customers

- Inform application platform or restaurant do not receive the plastic utensils and other include seasoning packets
- Source separation recyclable packaging



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