

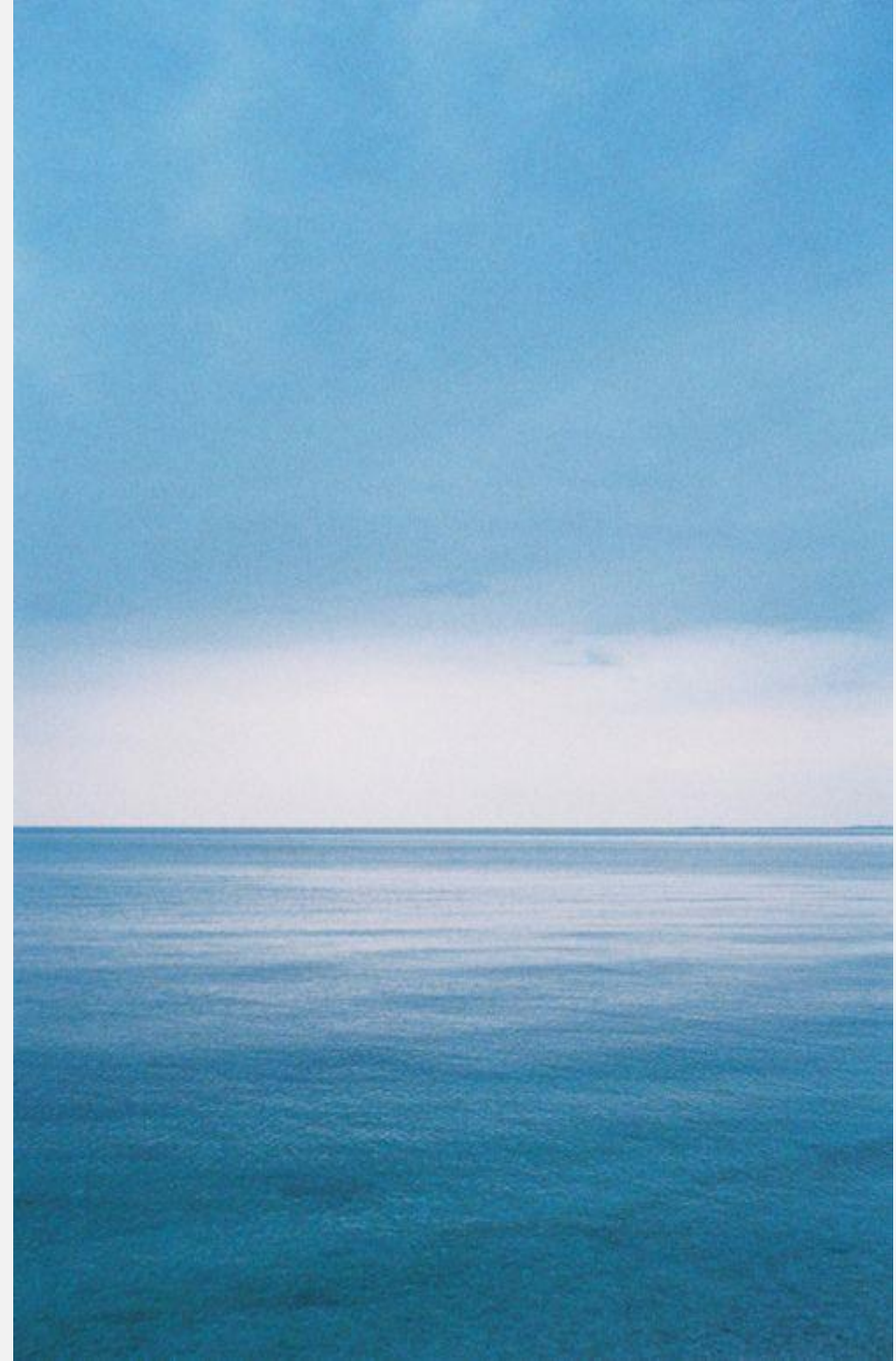
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# China Environmental Labelling Program Promote GPP Implementation

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ZHANG Xiaodan / May 27th, 2021

Environmental Development Center of Ministry of Ecology and Environment/  
China Environmental United Certification Center





**ENVIRONMENTAL DEVELOPMENT CENTER OF MINISTRY OF ECOLOGY AND ENVIRONMENT (EDC-MEE)**



**CHINA ENVIRONMENTAL UNITED CERTIFICATION CENTER (CEC)**

## Who We Are

**Environmental Development Center of Ministry of Ecology and Environment (EDC-MEE)** is a comprehensive scientific research institution, which provides support and service of environmental management for the MEE. EDC also plays an important role in regional and international environmental cooperation and communication. EDC joined the MAC of UNEP One Planet Network on SPP programme in 2013, and acted as Co-lead in 2019.

**China Environmental United Certification Center (CEC)** is affiliated to the EDC, it is a professional certification and technical service body committed to environmental protection and addressing climate change. It mainly engages in policy research, standard development and project implementation in the area of Environmental Labelling Program and Green Public Procurement, Greenhouse Gas Validation and Verification, Energy Savings Audits and Green Supply Chain Management etc. Since 2013, CEC has been working as EDC's implementation entity participating in UNEP One Planet Network on SPP.

**A Brief History of China**

**Environmental Labelling Program on**

**GPP Implementation**



# China Environmental Labeling Program

China Environmental Labeling Program initiated and developed by Chinese government since 1993, directly management and implementation by the Ministry of Ecology and Environment (MEE).

## ■ Policy instruments

According to the objective of national ecology and environmental protection, using market economy instrument to promote sustainable development and improvement of environmental quality.

## ■ Sustainable transition

Promote industry green transition development, enhance the level of enterprise's environmental management, drive green and low-carbon economic development.



## ■ Awareness promotion

Raise the level of public and private awareness of environment protection, lead scientific consumption and green consumption.

## ■ Market mechanism

More than 120 China Environmental Labeling standards have been issued, more than 5000 enterprises were awarded the label which involved 930,000 types of products.

China environmental labelling products include appliances, construction materials, office electronics and supplies, packaging, textiles, lighting products, cleaning service and green printing etc.

# The timeline of China Environmental Labelling on GPP

China Environmental Labelling program established. 1993



China Green Purchasing Network-CGPN was launched 2008



The 1<sup>st</sup> Item List of Green Public Procurement on Environmental Labelling Product was issued 2019

Include 90 product categories according to the china environmental labelling product technical criteria



<Opinion of the Implementation of Green Public Procurement on Environmental Labelling Product> and 1st GPP List on Environmental Labelling Product were issued.

2006

The products of 22<sup>nd</sup> batch grew to 69 product categories of more than 390,000 types of product from 14 product categories of 856 product modes of the 1<sup>st</sup> batch list

22 Batches GPP List on Environmental Labelling Product were issued From 2006 to 2018

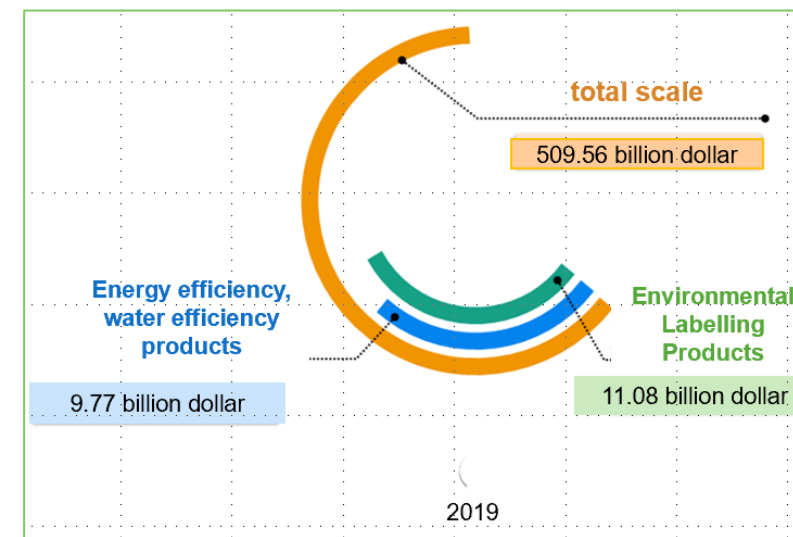
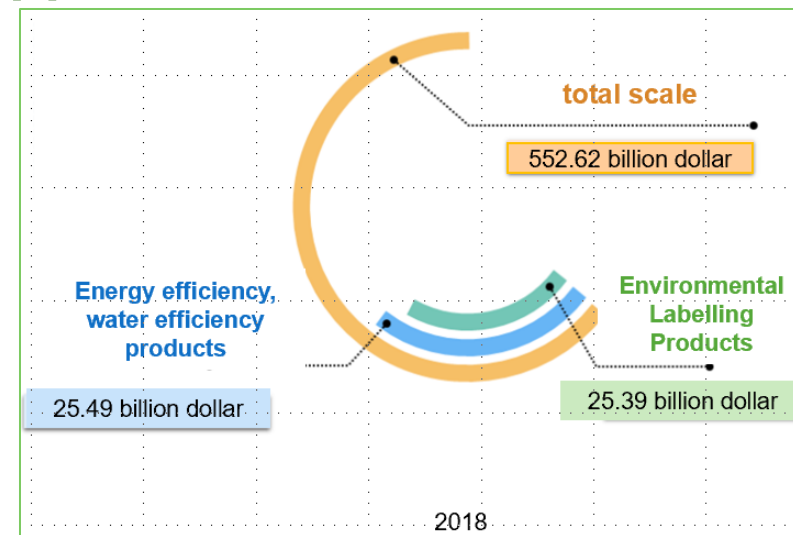
Innovatively implement the mandatory procurement of environmental labelling products in local government, strengthen the power of green public procurement,

Guide Hainan Province to carry out the pilot program of green public procurement

2019



# The Scale of China Environmental Labelling product on GPP



# Contributor to national policy implementation

※ **China Government Procurement of Environmental Labelling Products is an innovative practice of green policy in national financial policy system.**

※ **China Government Procurement of Environmental Labelling Products strengthen to achieve national ecological and environmental protection target.**

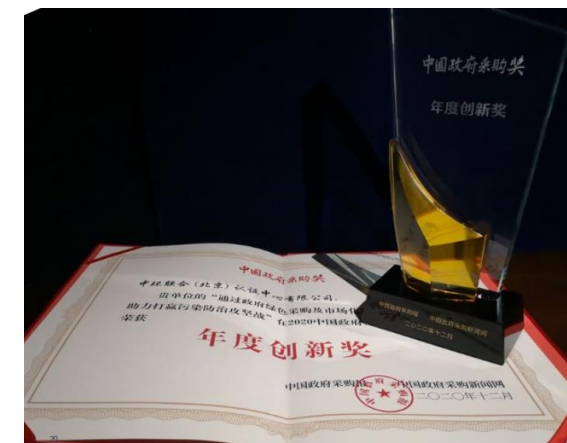


## Financial policy

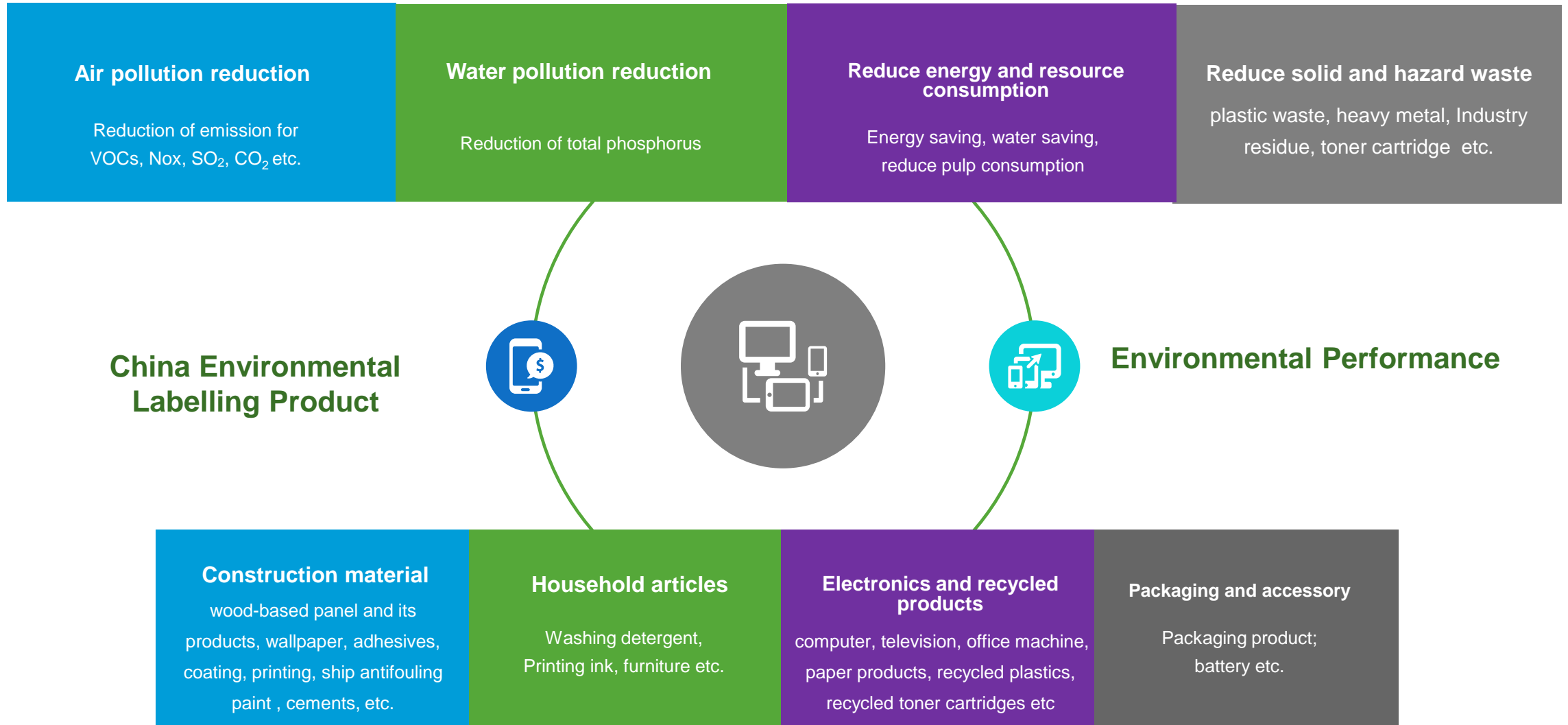
- <The Opinions on Implementation of Government Procurement of Environmental Labelling Products> issued by MOF and SEPA in 2006, stated priority to the procurement of environmental labelling products.

## Environmental policy

- The statistical data shows that the government procurement of environmental labeling products foster to achieve the pollutant emission reduction target.



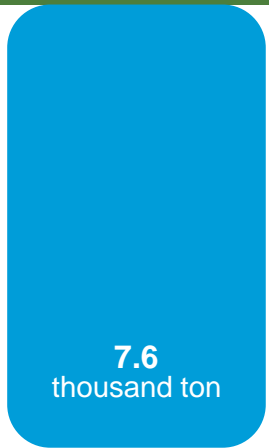
# The Impact of China Environmental Labelling on GPP



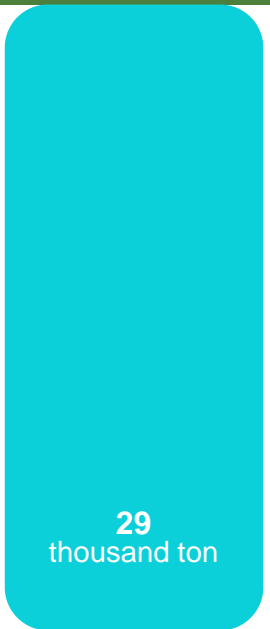


# The Impact of China Environmental Labelling on GPP

SO<sub>2</sub>



NO<sub>2</sub>



VOCs



CO<sub>2</sub>



As the year of 2019, the environmental performance of environmental labelling products for air pollution reduction

# The Impact of China Environmental Labelling on GPP

As the year of 2016, the environmental performance for government procurement of environmental labelling products



## Office furniture

A total of 19,209.76 tons of volatile organic compounds (VOCs) emission reduction;  
263.58 tons of formaldehyde emission reduction



## Office supplies

Reduces emissions 477.10 tons of sulfur dioxide, 477.10 tons of nitrogen oxides, 75.16 tons of soot, 401.61 tons of PM2.5; 19,369.61 tons of carbon dioxide.



## Copy paper

Reduces 516.37 tons of COD;  
5.16 tons of TP  
51.6 tons of ammonia nitrogen.

## The Impact of China Environmental Labelling on GPP



In 2010, three ministries jointly issued “Notice of implementation of green printing on school textbooks”, driving the printing industry green innovation and standards development. Now, all primary and secondary schools’ textbooks are green printing textbooks, involving 1.3 billion textbooks and readings.



# The Impact of China Environmental Labelling on GPP



**Current Statue of China  
Environmental Labelling on GPP  
Implementation**

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# Current Statue of China Environmental Labelling on GPP Implementation

## Product Item List



- The 1st Item List of GPP on environmental labelling product jointly issued by the MOF and MEE in 2019;
- The Item List includes product names , categories and the technical standards;
- 90 product categories according the china environmental labelling product technical criteria;

### Technical support

- The Item List being with technical criteria as the core;
- The Item List generally be updated in due time;

## Product certification result



- A certificate database was established by government, which provides the certificates and products that meet the requirement of criteria of Item List of GPP;
- China environmental labelling product certificates should be transmitted to the database timely.
- For products category not included in the item list, the purchaser could consider environment performance, and make reference to relevant national, industry standards, propose to relevant requirements to promote the green products implementation in GPP.

GPP mechanism innovated with <The Notice on Adjusting the Government Procurement Mechanism of Environmental Labelling Products> and Product Item List, which was issued by Chinese governments in 2019. After that the GPP product list will no longer issued.

### Timely update

- The certification results are updated timely;
- Make sure its validity, accessible to the public procurer

# Current Statue of China Environmental Labelling on GPP Implementation

## Together with China Environmental Labelling:

- ※ CEC Green Supply Chain certificate get added points in Guangdong province;
- ※ CEC Hazard material limitation certification program get added points in Sichuan Province;
- ※ CEC Environmental Guardian Certification are adopted in the local procurement items of Zhejiang province
- ※ **Mandatory procurement** of China Environmental Labelling products on office supplies in Hainan province. Pilot program in priority procurement for **Green printing and Low VOCs** product of China Environmental labelling;
- ※ Support SPP implementation in Beijing 2022 Winter **Olympic Games and Paralympic Games** to issue the Sustainable Procurement Technical Guidelines, including products of paper, plastic, metal, textiles, wood, electronics, building materials, decorating materials, logistics services, cleaning service, etc.

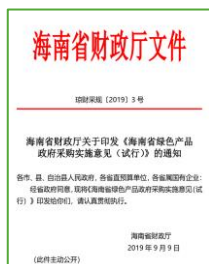
## CEO-LOGO Certification Program

- CEC Environmental Guardian Certification program
- CEC Low VOCs product certification program
- CEC Hazard material limitation certification program
- CEC Green supply chain certification program



## Local GPP Implementation

- Adopted in local government procurement, such as Zhejiang, Hebei, Guangdong province etc.
- GPP goes into large-scale event, to support SCP development, such as Beijing 2022 Winter Olympic Games and Paralympic Games.



**Future Prospect of  
China Environmental Labelling on  
GPP Implementation**

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# Future prospect of China Environmental Labelling on GPP Implementation

## Mechanism Building

- Strengthen policy and mechanism research, international collaboration continuedly
- Explore incentive policy in national level and local level to enlarge the scale and scope of China environmental labelling products;

## Facilitate Implementation

- Improve technology tools systematically, promote the criteria development and update level, accelerate the criteria adoption;
- Focus on the hot environmental issues of climate change, plastic pollution, VOCs emission etc.
- Strengthen cooperation with industries and local governments, explore GPP diversified development.
- Development Environmental labelling GPP performance evaluation tool.

## Awareness Raising

- Information disclose to make more industries and manufacturers shifting to green production.
- Strengthen publicity to raise consumers awareness for green consumption.
- Collaboration to capacity building and training activities.





# THANK YOU

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