

# **Green Public Procurement and Eco-labeling in Thailand**

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**Environmentalist Pollution Control Department (PCD)**

International Symposium “Current status and Trend of  
Green Public Procurement and Eco-labeling in the world”

**8<sup>th</sup> December 2016**

# Environmental Label in Thailand



- Type 1  *Green Label (1993)*
- Type 2  *SCG Eco Value (2009)*
- Type 3  *Carbon Footprint, Carbon Reduction (2009)*



Others: Energy Label Number 5

Green Leaf hotel



Green Cart



# Policies and Plan relevant to Sustainable consumption and Production in Thailand

H.M.King Phumibol Adulyadej

## “Sufficiency Economy Philosophy”

- National Economic and Social Development Plan (NESDP)
- Country Strategy (GreenGrowth)
- Environmental Quality Management Plan (EQM Plan)
- Green Public Procurement Promotion Plan
- Pollution Control Plan

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The National Economic and Social Development Plan and Environmental Quality Management Plan state that

The Government sector should be leaders in green procurement. In order to create proper market of products and services that are environmental friendly.

The core principles of the government procurement regulations are openness, transparency, fairness and local industry development.

**GPP Initiation  
from  
Pollution  
Control  
Department**

**2005**

**GPP Plan II  
+ municipality,  
State enterprise,  
Public  
Organizations,  
University  
17Product  
3Services**

**2008**

**GPP Plan I  
Central  
Government  
14 product  
3 services**

**2013**

**GPP plan III  
+ Private  
sector in  
Stock market  
19++ Product  
and 5  
++Services**

**2017**

# Green Public Procurement Promotion Plan



## 1<sup>st</sup> Green Public Procurement Promotion Plan

- The 1<sup>st</sup> Green Public Procurement Promotion Plan (GPP Plan) for 2008 – 2011, was approved by the Cabinet in 2008.
- The **Pollution Control Department (PCD)** under Ministry of Natural Resources and Environment was assigned to implement GPP Plan with relevant ministries and stakeholders e.g. Thai Environment Institute (TEI), National Science and Technology Development Agency (NSTDA), private sector.

### Objective:

To encourage governmental units in implementing GPP

### Target group:

Governmental departments within Ministries both in the Central Bangkok and regional offices (170 agencies)

# Voluntary Implementation

[www.pcd.go.th](http://www.pcd.go.th)



## The Green Cart Criteria: the transition state to green label

The 1<sup>st</sup> GPP Promotional plan developed the Green Basket Criteria for **14 products and 3 services**

### Product (office consumables):

1. Printing paper
2. Toilet roll
3. Envelop
4. Whiteboard marker
5. Photocopier machine
6. Document box
7. Printer toner
8. Correction Fluid
9. Printer
10. Document file

### Product (durable goods and others):

11. Fluorescent lamp
12. Primary battery
13. Building paints
14. Steel furniture

### Service:

15. Photocopier rental service
16. Office Cleaning service
17. Accommodation service (hotel)

# Voluntary Implementation

# Result Of GPP1

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## Target for Implemented agencies

- 100% Central Government agencies (170 agency)

## Volume of Green products purchased (as reported)

- 570.02 Million baht from 929.25 Million baht

## Environmental Benefits

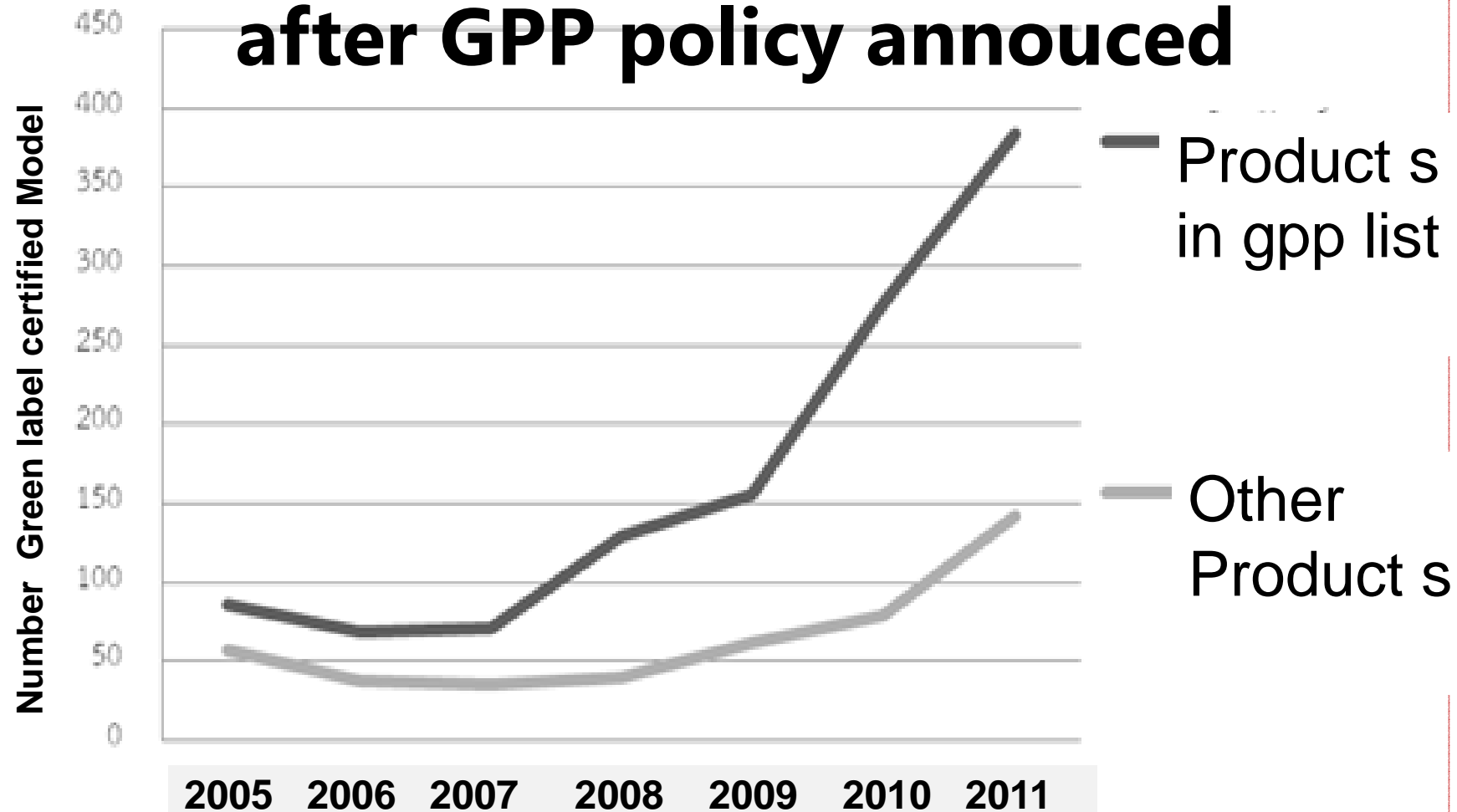
- Reduction of 25,685 tons of CO<sub>2</sub> eq from 10 products purchased by reported implementing agency
- External cost 295.47 Mbaht

## Market Impact

- number of applicants for Thai Green Label is increased significantly



# Number of Certified Green Product Increased dramatically after GPP policy annouced



# Green Public Procurement Promotion Plan



## 2<sup>nd</sup> Green Public Procurement Promotion Plan (2013 – 2016)

Approved by National Environment Committee (August 2013)

### Objective:

- To **encourage governmental units** in implementing GPP
- To **support private sector in green production** and to increase green products in markets
- To **change consumption behaviors to sustainable consumption**

### Target group:

- Governmental departments (both within ministries(100%) and municipalities (50%))
- State enterprises, public organizations, universities (100%)
- Private sector (production, services and distributors)
- General public

## **Green Public Procurement Promotion Plan (2013 – 2016)**

### **Strategies:**

- 1. Increasing the GPP volume (90% of listed product)**
- 2. Stimulating more green products**
- 3. Supporting sustainable consumption in public and private sector and general public**
- 4. Monitoring and steering the GPP Plan**

**PCD + NSTDA** had estimate Environmental benefit of GPP Promotional Plan Implementation (2013 – 2016) in case the voluntary implementation (of 17 products listed in 2014) meet the set target of the plan

Environmental benefit :

79,063.53 Mbaht

(51.99% of 17 Products Purchased value)

GHG reduction :

11.13 MT CO<sub>2</sub>-e

### **Result Update (Oct 2016)**

More than 910 agency Implementation with purchased of 280 Mbaht in first half year. (726 agency report)

# Promotional activities

- Regional Outreach: Roadshow Exhibitions, Train of the trainer Program in the region.





- Promotional Document and Manual Publication



# GPP Products Database



ฐานข้อมูลสินค้าและบริการที่เป็นมิตรกับสิ่งแวดล้อม  
Green Products and Services Database

หน้าแรก | สินค้าและบริการ | ติดต่อเรา

ฐานข้อมูลสินค้าและบริการที่เป็นมิตรกับสิ่งแวดล้อม

ลงทะเบียนเข้าใช้งานระบบ

สำหรับสมาชิก  
Member Center

หมวดหมู่: ทั้งหมด | ประเภท: ทั้งหมด

<http://thaigpp.info>

1136 items  
(30<sup>th</sup> Nov 2016)

กระดาด้ายเอกสารหรืองานพิมพ์ทั่วไป (15)

ผลิตภัณฑ์พลาสติก (15)

เครื่องเรือนพลาสติก (5)

กระดาด้ายกระดาษ (22)

แบตเตอรี่

ปากกาสี

ตู้เก็บเอกสาร

เครื่องพิมพ์



Application Thai GPP

# Reporting System



ptech.pcd.go.th/gp/

บริการ เกี่ยวกับโครงการ ความก้าวหน้าของโครงการ เอกสารเผยแพร่ ติดต่อ-สอบถาม

thaiigpp.info/member-20-ssl

รายการเอกสารเลขที่ Doc-00363

เพิ่มสินค้าและบริการ

แบบหลักฐานการซื้อ

คำแนะนำ

แบบรายงานผลการจัดซื้อจัดจ้างสินค้าและบริการที่เป็นมิตรกับสิ่งแวดล้อม

รหัสเอกสาร : Doc-00363

วันที่สร้าง : 19 พฤศจิกายน 2558

รายงานโดย : คุณ Jarin Tappa

หน่วยงาน : [GOV00001]-กรมควบคุมมลพิษ (กทพ./ฟคป.)

สถานะเอกสาร : โปรดระบุสถานะเอกสาร

สถานะเอกสาร :

1 2 3

ข้อความตอบกลับ : สร้างเอกสาร [ ]

[+] พบข้อมูล รายการ

ลำดับ	รูป	ประเภท	รายละเอียด	จำนวน	หน่วย	ราคา
:: ไม่พบข้อมูล ::						
มูลค่ารวม						0
VAT(7%)						0
Net Total						0

สถานะเอกสาร:

ช่วงวันที่ 2015 28 ถึง 2015 28 แสดงผล

ข้อมูลที่พบ 1 รายการ [0]

ลำดับที่	รหัสเอกสาร	สถานะ	วันที่สร้างเอกสาร	อธิบายเพิ่มเติม
1	Doc-00363	สร้างเอกสาร	19 พฤศจิกายน 2558	-

<http://ptech.pcd.go.th/gp/> or <http://thaiigpp.info>

[www.pcd.go.th](http://www.pcd.go.th)



# Green Public Procurement Promotional Plan



## Draft 3<sup>rd</sup> Green Public Procurement Plan (2017 – 2021)

### Objective:

- To **encourage governmental units** in implementing GPP
- To **support private sector in green production** and to increase green products in markets
- To **change consumption behaviors to sustainable consumption**

### Target group:

- Governmental departments (both within ministries and municipalities (100%))
- State enterprises, public organizations, universities (100%)
- Private sector registered in stock market (50%)

# Draft 3rd Green Public Procurement Plan



## Strategies:

1. Increasing the GPP volume
2. Stimulating more green products
3. Implementing economic and legal regulation
4. Environmental friendly society
5. Monitoring and steering the GPP Plan

# Notification of the Office of Prime Minister on Procurement guidelines for e-market and e-bidding, published in the Royal Gazette on 4<sup>th</sup> February 2015



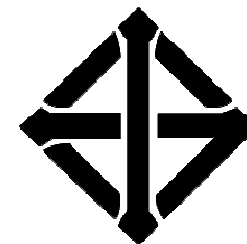
**No.32** If Price performance is used, the following procedures are followed.

- (1) Select at least 2 of the following parameters in order to assess price performance
  - (a) Price (Compulsory)
  - (b) Suppliers' grading (Not-compulsory)
  - (c) Quality and product characteristics provide benefits to the government (Not-compulsory) e.g. **total cost of ownership**, after sales service
  - (d) Product under government supporting policies (Not-compulsory)
- (2) Give weighing score to the selected parameters

# Notification of the Office of Prime Minister on Procurement guidelines for e-market and e-bidding, published in the Royal Gazette on 4<sup>th</sup> February 2015



**No.33** Category under No.32 (1) (d) Product under government supporting policies include products with **Thai Green Label** , TISI, **Green cart** , products registered with MOI, products manufactured in Thailand or owned by Thai



มอก. 1195-2536



มอก. 2217-2548

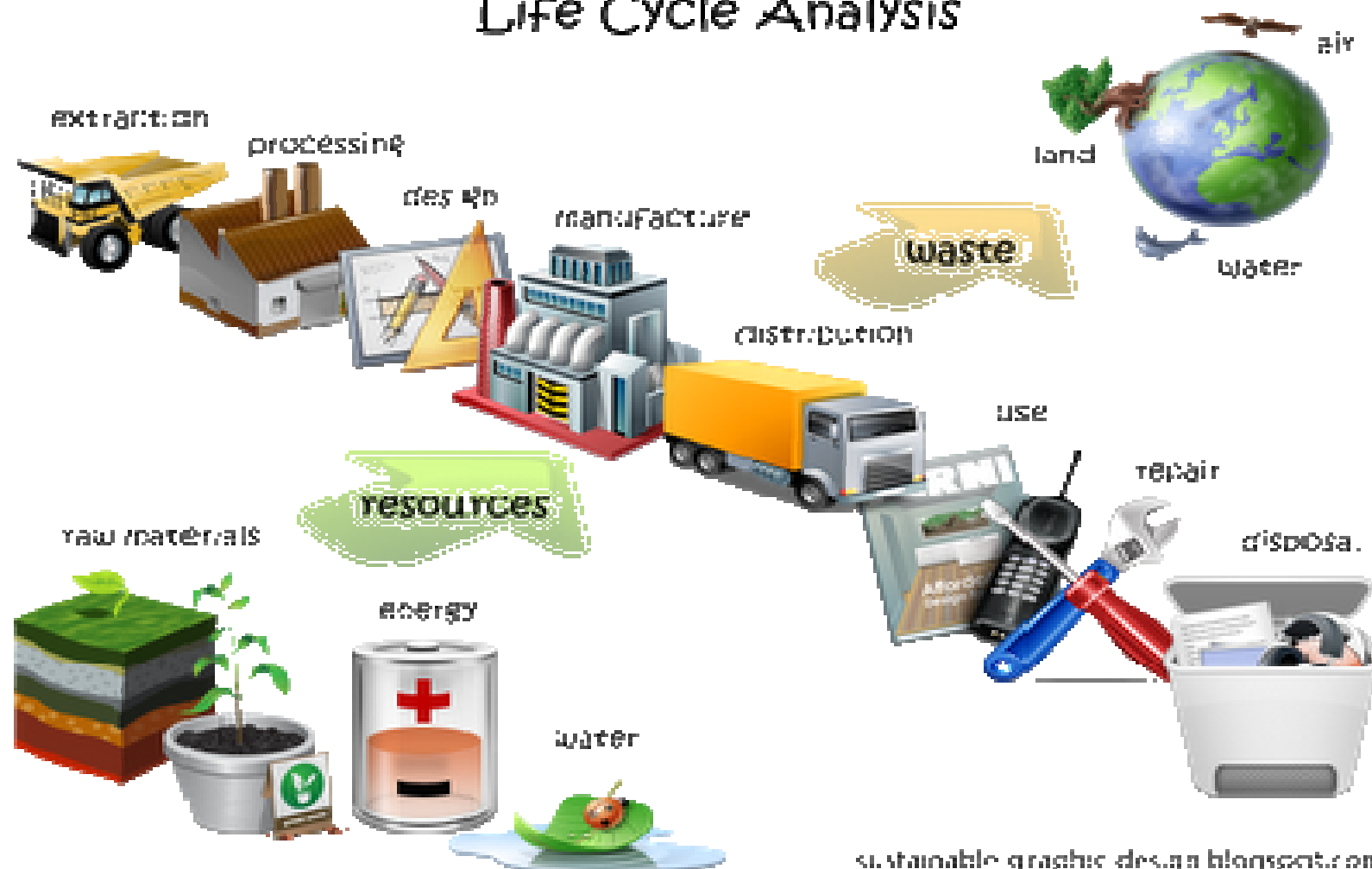
(2) Product lists confirmation from PCD and TISI website

# What are Green Public Procurement Criteria?



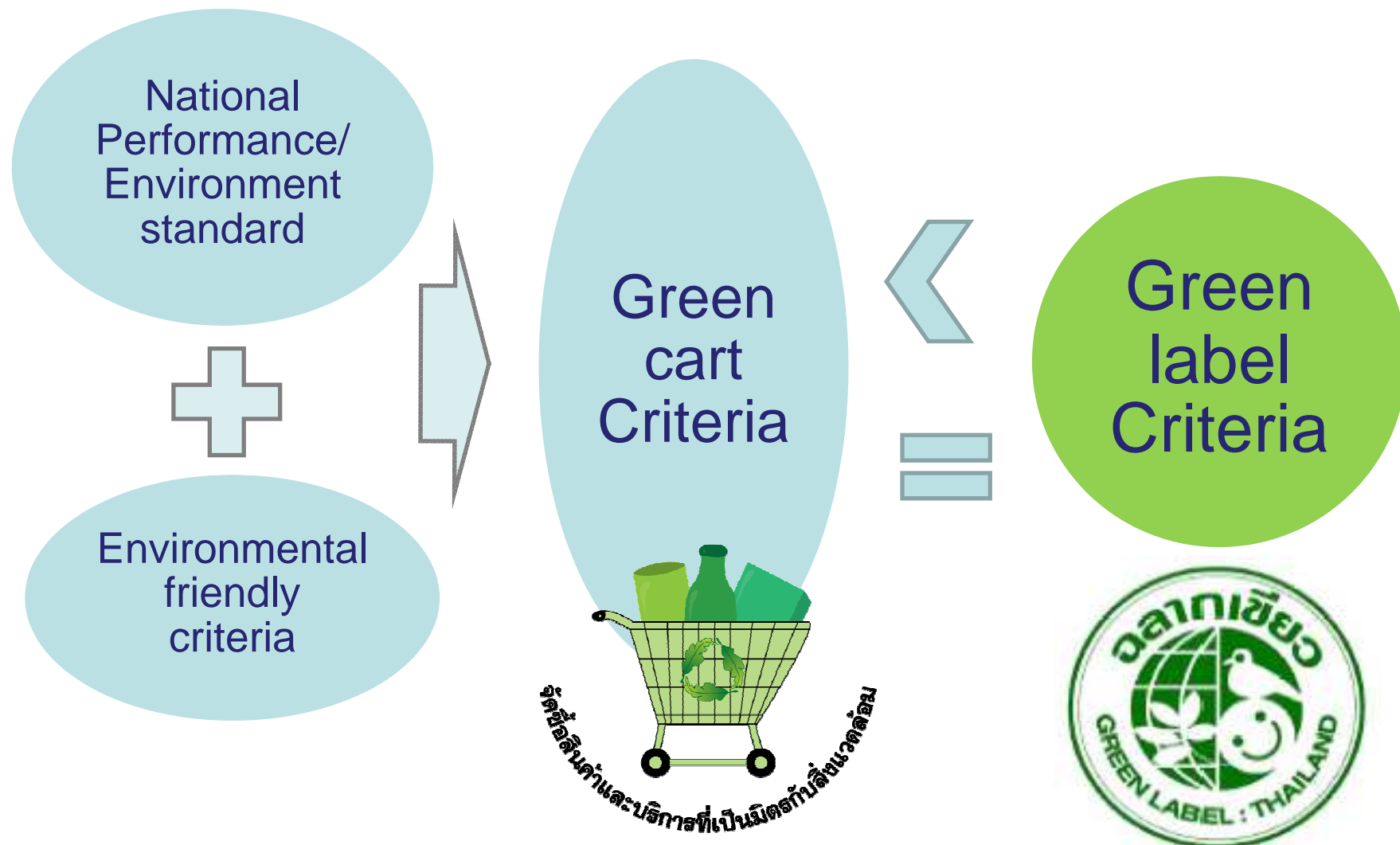
# Green Cart Criteria

## Life Cycle Analysis



User, Environment and Climate friendly

# Green Cart Criteria





## The Green Cart Criteria: the transition state to green label

Current Green Cart Criteria : **19 products and 5 services**

### Product (office consumables):

1. Printing paper
2. Toilet tissue roll
3. **Envelop**
4. Whiteboard marker
5. Photocopier machine
6. Document box
7. Printer cartridge
8. Correction Fluid
9. Printer
10. **Document file**

### Product (durable goods and others):

11. Fluorescent lamp
12. Primary battery
13. Building paints
14. Steel furniture
15. Coolmode fabric

### Transportation

16. Passenger Car
17. Gasoline
18. Lubricants
19. Van





## The Green Cart Criteria:

### the transition state to green label

Current Green Cart Criteria : 19 products and 5 services

#### Service:

1. Photocopier rental service
2. Office Cleaning service
3. Accommodation service (hotel)
4. Automobile Lubricants change service
5. Gas station
6. Automobile repair service



## The Green Cart Criteria:

### the transition state to green label

Current Green Cart Criteria : 19 products and 5 services

## Developing Criteria 2016 - 2017

1. Tyre
2. Computer
3. UPS
4. LED lamp
5. Colour Printing Paper

# Green Cart Registration

- Submit clarification document in Thai to  
ฝ่ายคุณภาพสิ่งแวดล้อมและห้องปฏิบัติการ กรมควบคุมมลพิษ  
92 ซอยพหลโยธิน 7 แขวงสามเสนใน  
เขตพญาไท กรุงเทพฯ 10400  
โทรศัพท์ 022982088
- Registration Process take 5 – 30 days  
depends on product criteria and number of  
model applied.

# Next Step

- Legal Procurement registration Reviews
- Awareness raising to wider society
- Technologies / knowledge support for SMEs
- Promotion for Sustainable Green Market
- Integration of GPP monitoring and evaluation system through the procurement reporting system

# Thank You

For more Information

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**Wishing we all move towards the Sustainable Development.**