



# Green Labeling Scheme and Green Public Procurement in Thailand

**Sirithan Pairoj-Boriboon**

Advisor to Thailand Environment Institute (TEI)

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# Thai Green Label Scheme

- A labeling program of Thailand Environment Institute (TEI), initiated by the [Thailand Business Council for Sustainable Development \(TBCSD\)](#) in 1993
- Formally launched in August 1994 by collaboration of TEI and the [Thailand Industrial Standards Institute \(TISI\)](#), Ministry of Industry in consultation with the [Federal Environmental Agency of Germany](#) for setting up the label
- Thai Green Label is environmental label Type 1
- The label is applied to products and services, exclude food, drinks and pharmaceutical products
- It is Voluntary scheme
- Opened to manufacturers, retailer, importers, both domestic and foreign suppliers.





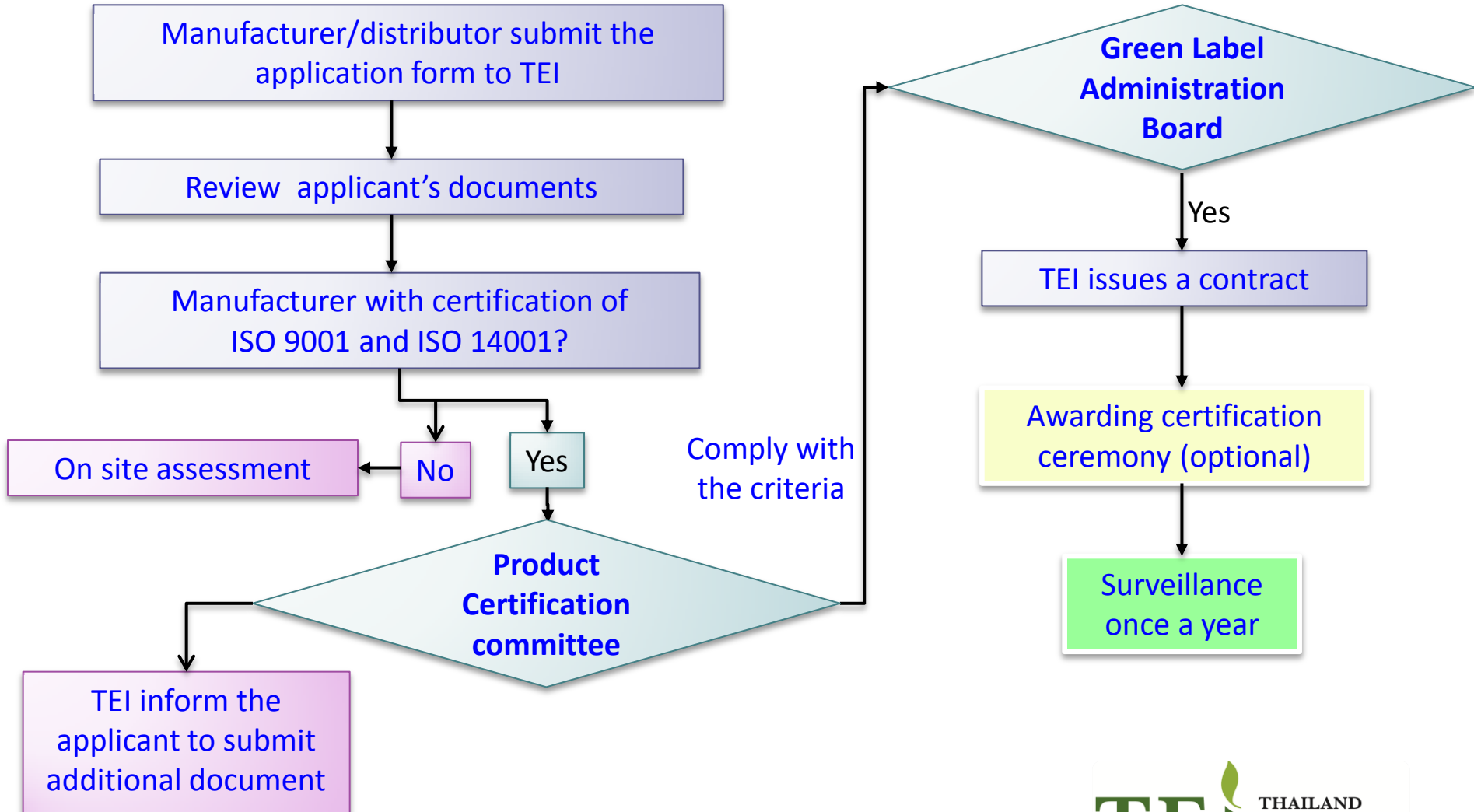
# Green labeled products and services

- **Thai Green Labeling principle:**
  - **Natural resources conservation** – raw materials, water, energy
  - **Pollution reduction** – production process, use phase, transportation
  - **Waste management** – after use (disposal, recycling)

**Life Cycle Assessment: LCA**



# Process of Product Certification



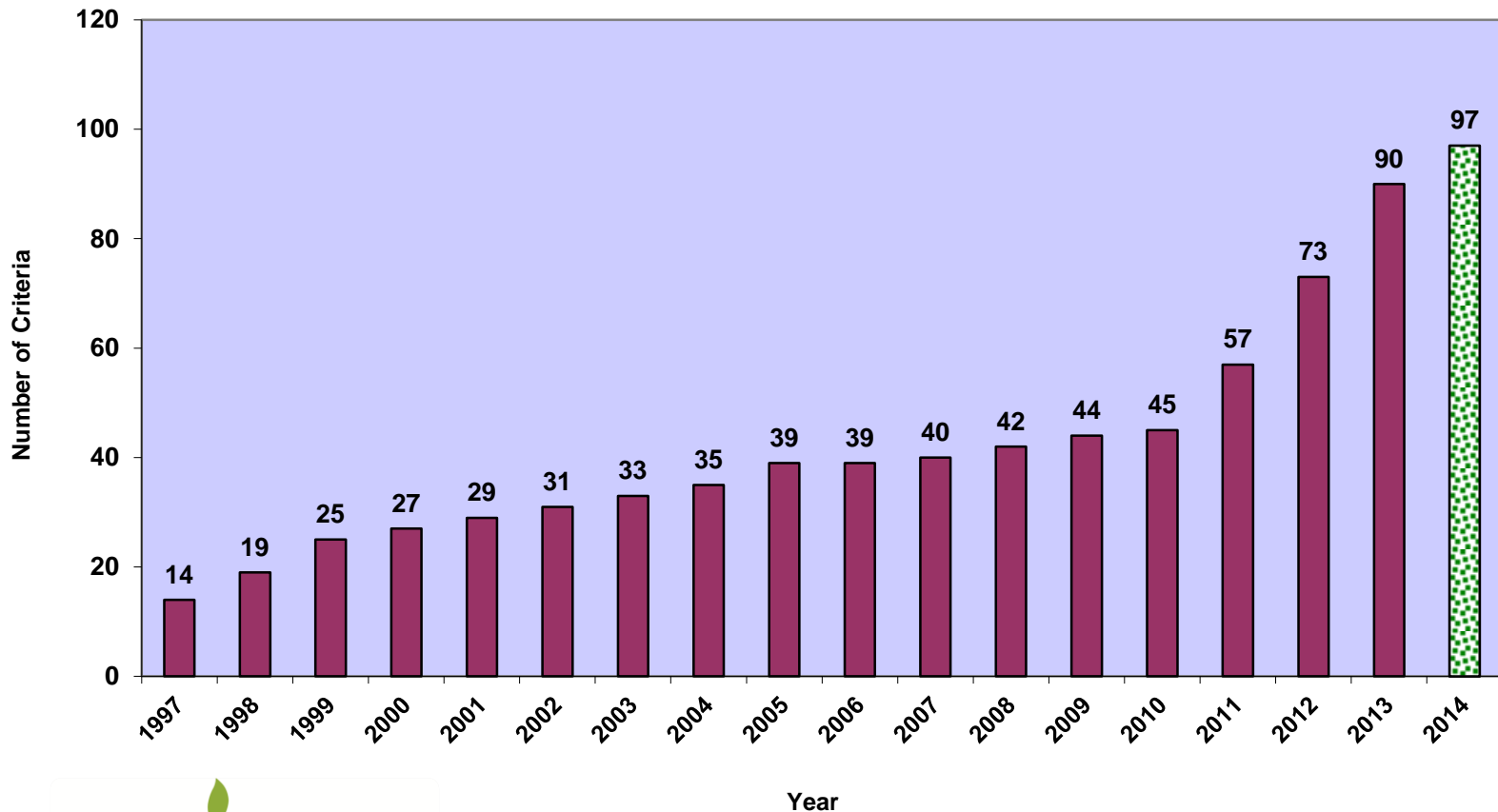
# Product Certification Committee and GL Administration Board

## Key representatives from

- 1) Thai Industrial Standards Institute (TISI)
- 2) Pollution Control Department (PCD)
- 3) Department of Industrial Works (DIW)
- 4) Department of Environmental Quality Promotion (DEQP)
- 5) Thai Business Council on Sustainable Development (TBCSD)
- 6) Federation of Thai Industry (FTI)
- 7) Thailand Environment Institute (TEI), and
- 8) Technical experts on relevant issues.



# Number of Thai Green label criteria



# Certified Products for Green label

**553 Models : 24 products category : 74 companies** (Aug 2014)

No.	Products	Model	No.	Products	Model
1	Recycled Plastics	1	13	Photocopiers	116
2	Fluorescent Lamps	6	14	Cement Roofing Tiles	2
3	Paints	210	15	Concrete Roof Tiles	1
4	Ceramic Sanitary Wares : Water Closets	13	16	Panels for the Building, Decorating and Furniture Industry	1
5	Paper	121	17	Fire Extinguisher	4
6	Laundry Detergent Products	12	18	Cement Board	1
7	Faucets and Water Saving	11	19	Products Made from Cloth	6
8	Building Materials: Thermal Insulation	17	20	Canopy and Deck Cover for Motor Vehicle	1
9	Dishwashing Detergents	3	21	Air Conditioner	3
10	Products made from rubber wood	2	22	Steel Furniture	8
11	Surface Cleaners	4	23	Bricks and blocks	2
12	Correcting Agent	4	24	Printers	4
<b>Total models</b>					<b>553</b>

# International Cooperation

- **Thai Green Label Scheme** has been a member of **Global Eco-labeling Network (GEN)** since 2001
- **Common Core Criteria Agreements** with 3 countries in Asia (South Korea, Japan and Taiwan)
- **Mutual Recognition Agreements** with Taiwan, South Korea, New Zealand, China and Australia on acceptance of standard laboratory test results



# International Cooperation

- Conducted '**On-Site Assessment**' under the MRA with Australia, Taiwan and the Philippines
- Thai Green Labeling passed the '**Peer Review**' from **Global Eco-labeling Network's Internationally Coordinated Eco-labeling System (GENICES)** since 2009



# Green Public Procurement Policy in Thailand

**Pollution Control Department (PCD) of the Ministry of Natural Resource and Environment is the focal point of the green public procurement in Thailand. They have been promoting and revising the purchasing regulations since 2008.**

- The first phase of GPP (2008 – 2011) focused on the central Departments to implement GPP.
- The second phase of GPP (2012 - 2016), GPP program also covers the local governments.



# Environmental Benefit

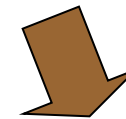
**Budget spent for  
non-listed product  
359.23 M฿ (39%)**



**Budget spent for  
listed product  
570.02 M฿ (61%)**



**External cost  
saving 223.51  
M฿**



**CO<sub>2</sub> Reduction  
25,685.5 tCO<sub>2</sub>e**

**Based on 12 Products of 40% of Agency reported to PCD**

ที่มา: MTEC & PCD, 2011

# Rules and Regulations on GPP

- The type of green products and services in GPP processing must have at least 3 brands/producers.
- Imported green products or services are allowed in the GPP, but local made products have higher priority.
- The GPP Committee is the authority to decide what types of green products or services, or which labels can be accepted in the GPP.

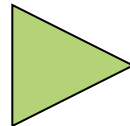


# GPP Promotion Plan

## 1<sup>st</sup> GPP Promotion Plan

### Objective :

- To initiate Green Public Procurement implementation among Government Agency Effectively



## 2<sup>nd</sup> GPP Promotion Plan

### Objectives :

- To reinforce Green Public Procurement Implementation among Government Agency Effectively
- To expand number of green product and service in the market by encouraging manufacture and service provider to change vision and manufacturing process to greener product and service
- To promote social vision and behavior change towards sustainable consumption

# The 2<sup>nd</sup> GPP Promotion Plan (2012-2016)

1

**Enhance Green Public Procurement as a driving force towards Sustainable consumption and Production Mechanism**

2

**Stimulate Green consumption to rearrange manufacturer vision towards green production base and resource efficiency**

3

- Develop consumption behavior to consume Green product and service**
- Promote Sustainable Consumption and Production network with collaboration of domestic and International**

4

**Improve Policy mitigation and regulation towards GPP**

# 17 green products and services in GPP

- Writing paper
- Toilet paper
- Printer
- Steel Cabinet
- Paints
- Fluorescent Lamp
- Ink Cartridge
- Paper file
- Envelope & Package
- Eraser
- Paper Box
- White Board Marker
- Primary Battery
- Photocopier
- Photocopy service
- Cleaning service
- Hotel services  
(meeting/seminar services)

GPP buying for these 17 products and services in 2013 – 2016 is forecasted to be ~ 4,750 M\$, if the GPP meet targets, and provide environmental benefit of ~ 2,470 M\$.

# Environmental Labels in Thailand



Green Label



Green Cart Label



High Efficient Energy



Energy # 5



Carbon Reduction Label



Carbon Footprint



Cool Cloth for Warm Weather



SCG Eco Value



PTT Label



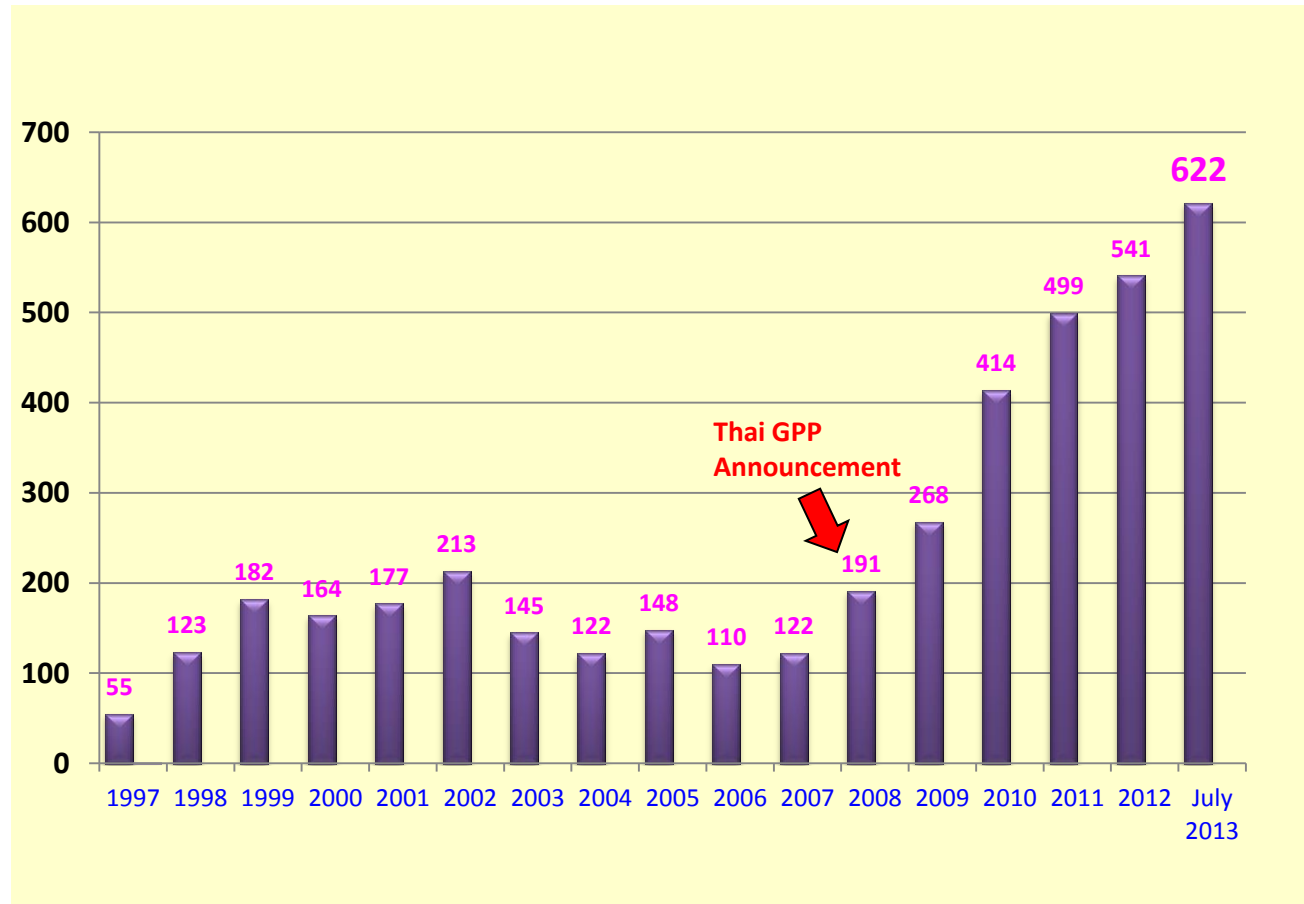
G Label



Green leaf label



# Relationship between GPP and Thai Green Label



- Number of GL certified products increase rapidly since the GPP was announced in 2008
- Average annual growth from year 2008 – 2013 is about 32.5 %

# Green Procurement in Private Sector in Thailand

- There are a few companies implement the green procurement in Thailand due to limitation number of green products and services.

- **SCG : Siam Cement Group**

- Employing 3 R principle : Reduce, Reuse/Recycle, Replenish
- 6 steps toward green procurement: - Clear policy issued, Establishing targets, Negotiating with their suppliers, Establishing their own green criteria, Establishing rules & regulations for procurement, and capacity building for their suppliers.



Greening supply chain

- **PTT: National Petroleum Company** has just begun their green procurement. Green criteria were made for about 30 kinds of products and services, including internal manual of the procurement. Their suppliers have been informed that GP will be implemented in the mid of 2015.



Thank you for your attention

**Thailand Environment Institute**

16/151 Muangthongthani, Bond St., Pakkret,  
Nonthaburi 11120, THAILAND

Tel: 02 503 3333

Fax: 02 504 4826 – 8

[www.tei.or.th](http://www.tei.or.th)

