Green Public Procurement in Thailand and Thai Green Label

Thailand Environment Institute (TEI)

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Tokyo, Japan

THAILAND ENVIRONMENT INSTITUTE

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Government's Role

- **The Thai Government sector is the largest consumer in the country, the fiscal budget of government for the purchasing products and services is approximately 15% of Gross Domestic Product (GDP).**
- **Governmental sector could obviously be a role model for initiating green demand for environmental friendly products and services.**
- **The Cabinet has its resolution to approve the Green Public Procurement Plan to be implemented by the government agencies on the Jan. 22nd , 2008**

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 (2008 – 2011) was focused only on the central departments.

กรมควบคุมมลพิษ
POLLUTION CONTROL DEPARTMENT

Green Public Procurement Initiation in Thailand

2005

Research and development the criteria of green procurement

Develop green procurement manual

Create green procurement database with online-reporting system

Conduct a pilot project within Ministry of Natural Resource and Environment for purchasing environmental friendly products and services

Develop green procurement promotion plan for government sector 2008-2011

Evaluate the benefits and impacts of green procurement for the proposal to the Cabinet

2008

Green procurement promotion plan for government sector 2008-2011 was endorsed by Cabinet Resolutions on January 22nd , 2008

GPP as the National Policy

The 10th National Economic and Social Development Plan (2007-2011)

The Environmental Quality Management Plan (2007-2011)

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

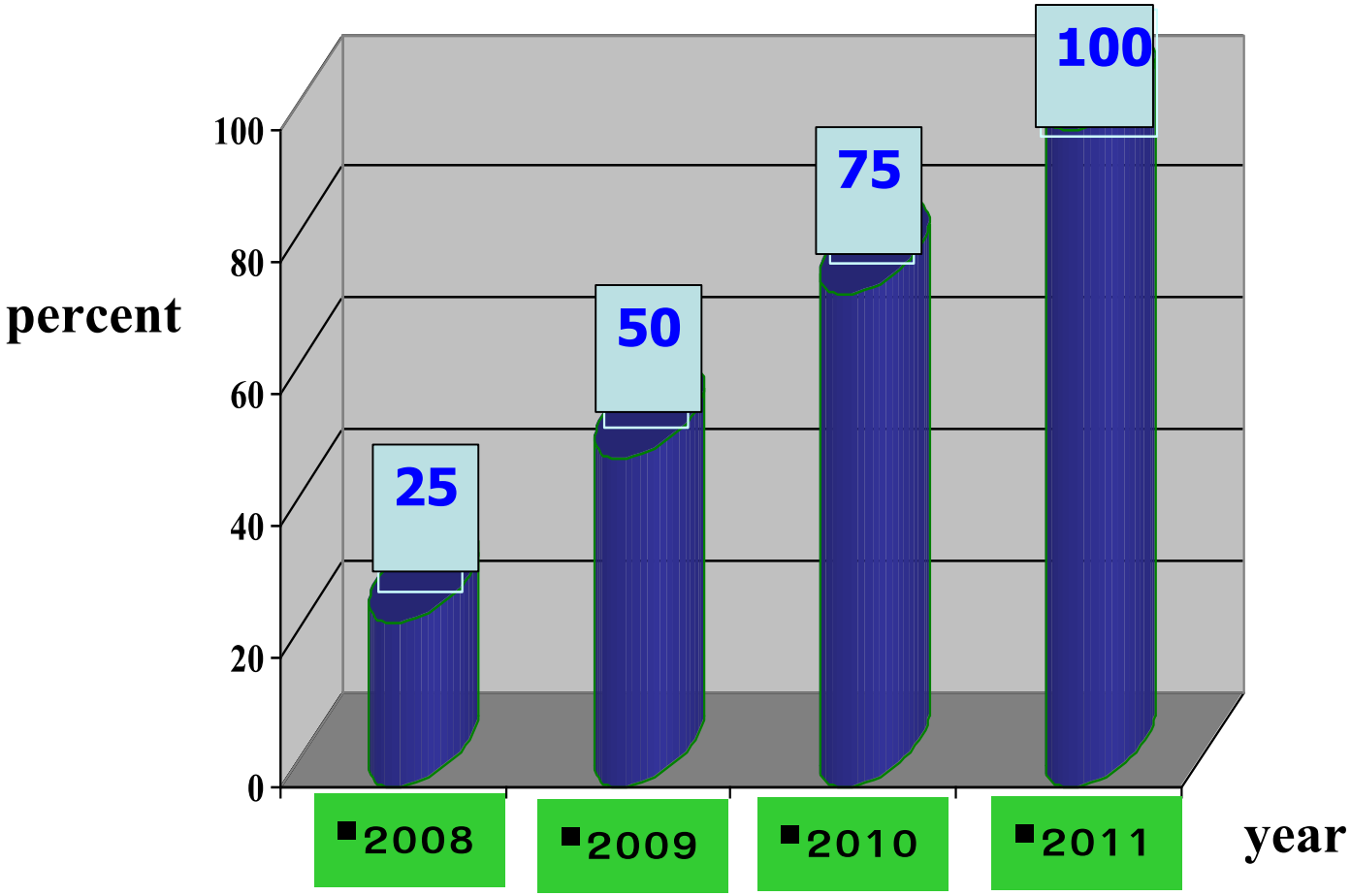
The 11th NESDP and the EQMP 2012-2016 has integrated the GPP into the sustainable consumption and production plan as GPP is one of the success indicators.

The first phase targets of Thailand GPP

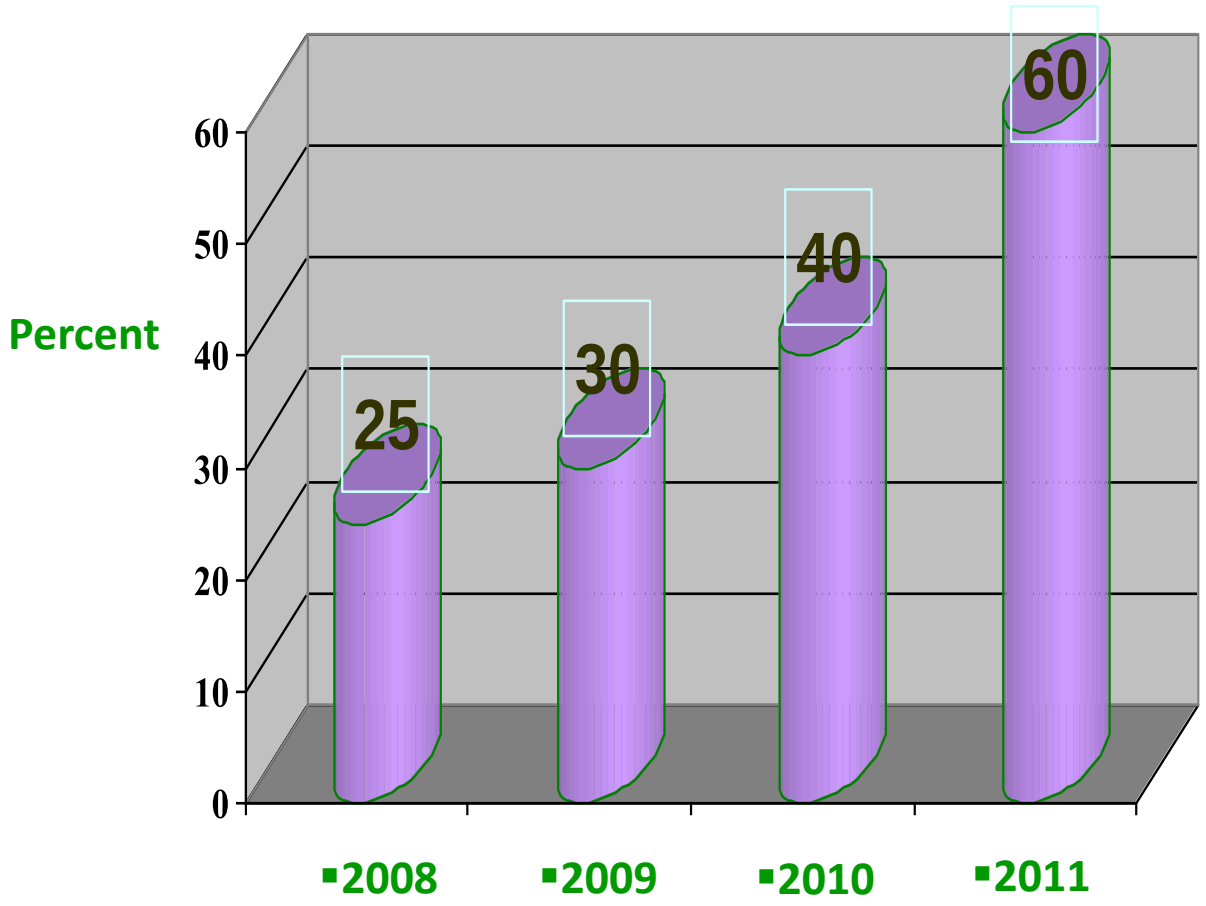
Target as Number of the Governmental Departments participated to conduct the green procurement

Target as Amount of Green Products and Services to be purchased

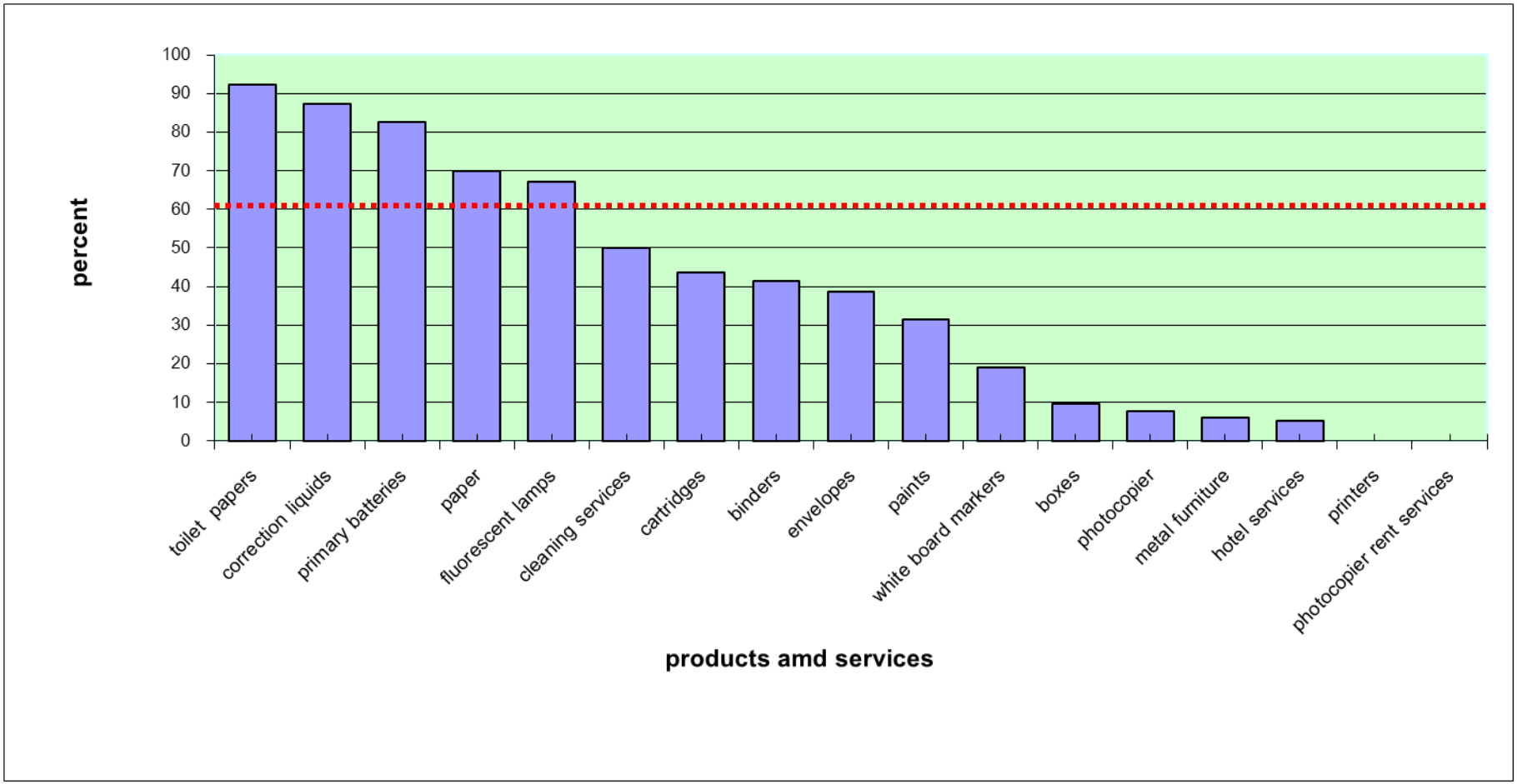
Targeted number of the Government agencies participating in the GPP Plan



Targeted number of Green Products and Services to be purchased



Number of Green Products and Services Procured in the latest evaluation



Green Labeled products in Thailand (2009)

- **There are 42 green product categories/criteria and another 8 categories under study.**
- **There are 191 product-models awarded the green label under 18 product categories.**

1.	Fluorescent Lamps	15
2.	Refrigerators	10
3.	Paints	33
4.	Paper	49
5.	Building Materials	5
6.	Metal Furniture	5
7.	Gasoline station	1
8.	Photocopier	39
9.	Rubber wood products	1

10. Electronic ballasts	4
11. Faucets and sanitary accessories	14
12. Detergents	3
13. Dishwashing detergents	2
14. Surface cleaners	3
15. Soaps	1
16. Passenger car	3
17. Writing instrument	1
18. Correcting agent	2

The Green Cart products : the transition state to green label

1st Green Public Procurement plan developed the Green Cart 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) :

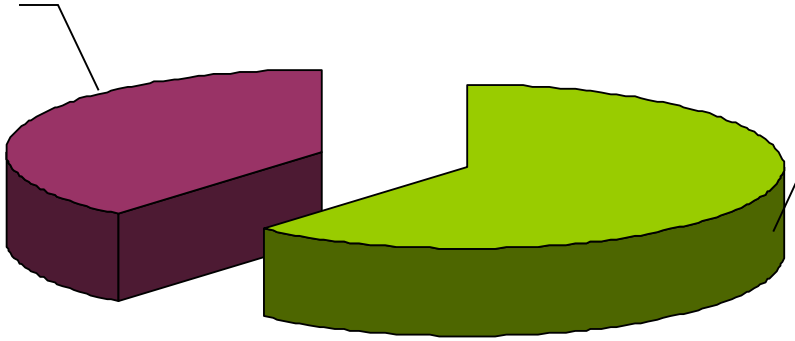
11. Fluorescent lamp
12. Primary battery
13. Building paints
14. Steel furniture

Service :

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

Environmental Benefits

Budget spent for non listed product 359.23 MBaht (39%)



Budget spent for listed product 570.02MBaht (61%)

External cost saving 223.51 MBaht

CO_2 Reduction 25,685.5 Ton

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

GPP Promotion Plan

1st GPP Promotion Plan

Objective :

- To initiate Green Public Procurement Implementation among Government Agency Effectively

2nd GPP Promotion Plan

Objective :

- 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 2nd 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

Thai Green Label Scheme

- A 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

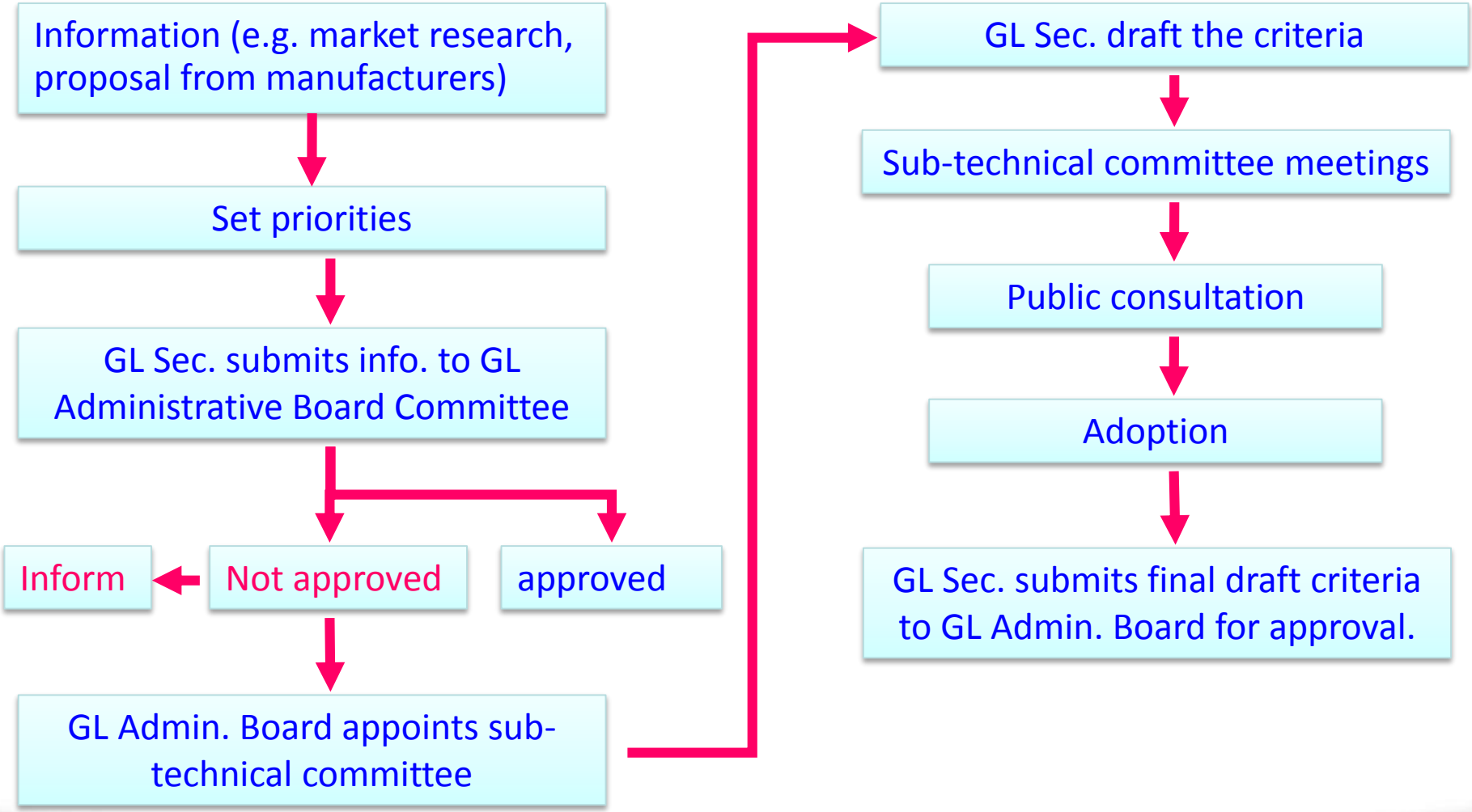
Thai Green Label Scheme

- Environmental label (Type 1)
- awarded to the product that has minimum detrimental impact on the environment in comparison with other products serving the same function
- applies to products and services, exclude food, drinks and pharmaceutical products
- voluntary participation
- open to manufacturers, retailer, importers, both domestic and foreign suppliers

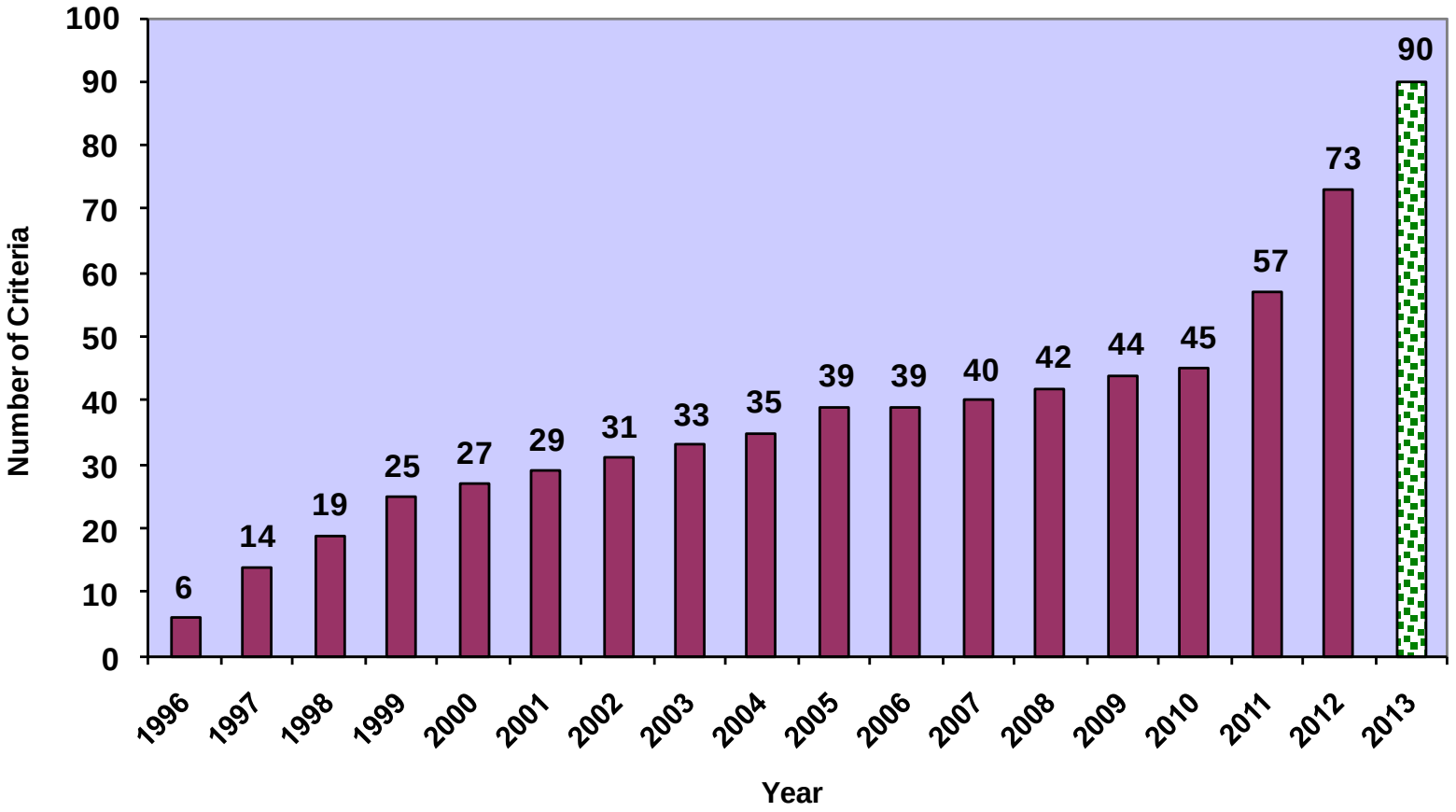
Conceptual Objectives of Thai Green Label

- **Resource conservation**
- **Pollution reduction**
- **Waste management**

Process of Criteria Development



Number of Thai Green label criteria



Building materials and products

Carpet

Windows

Paints

Building glass

Floor tiles

Wall coverings

Door

MDF

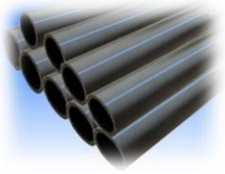
Bricks and blocks

Roof tiles

Insulation

Furniture

Adhesives



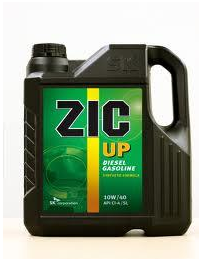
PE pipes

Electrical appliances

IT products

Office materials

Chemical related products



Automobile

Household products

Textile

Services

Laundry Service

Gas Station

Lubricant changing service

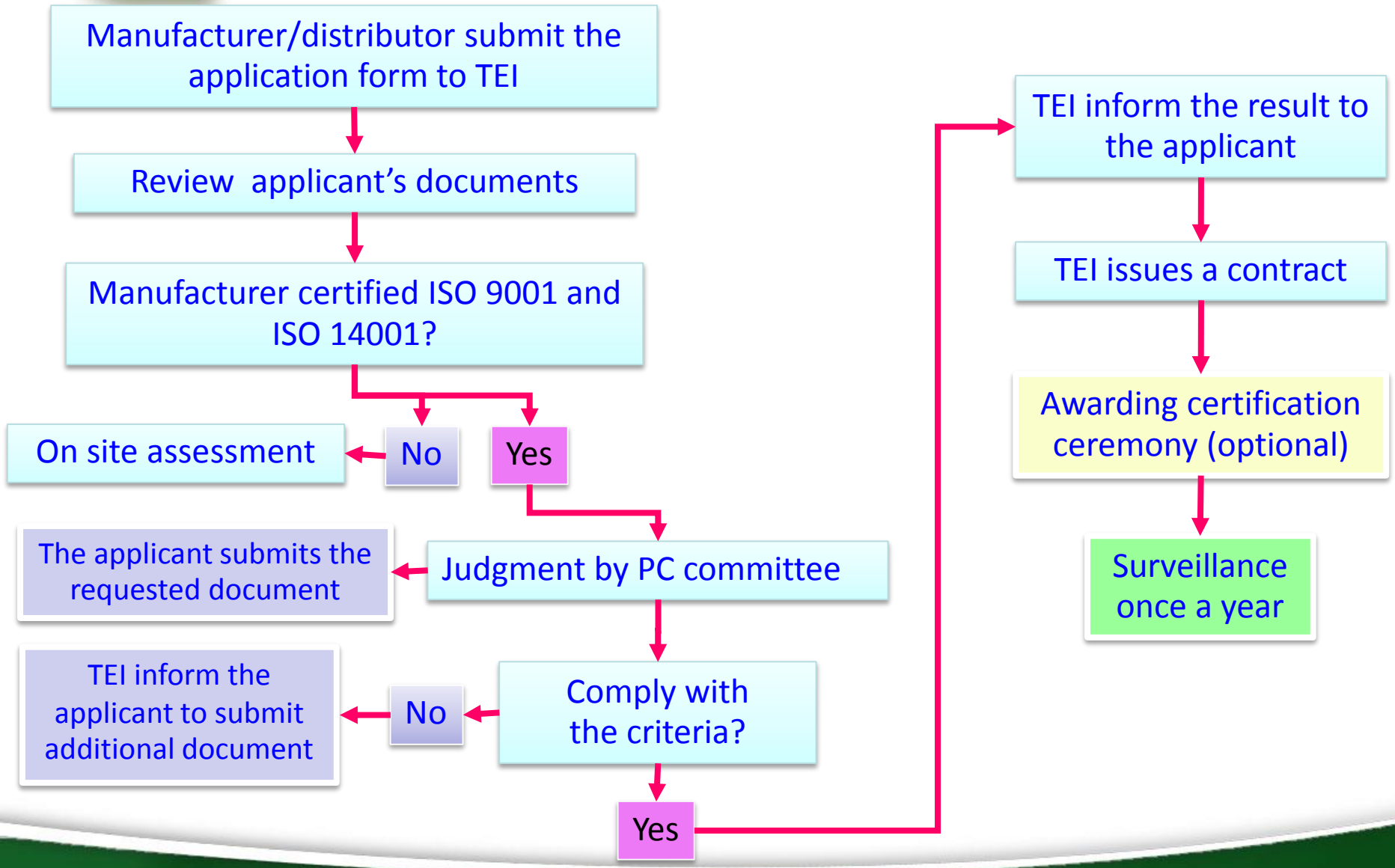
Meeting and seminar

Photocopier leasing service

Cleaning service

Paper Printing service

Process of Product Certification



Product Certification Committee

Representatives from

1) Thai Industrial Standards Institute (TISI)
2) Pollution Control Department (PCD)
3) Federal of Thai Industries (FTI)
4) Department of Industrial Works (DIW)
5) Thailand Environment Institute (TEI)

Fee

- Application form is downloadable for FREE from website http://www.tei.or.th/greenlabel/th_index.html
- Application fee 5,000 THB
- Annual fee 40,000 THB/trademark + 8,000 THB/model calculated from the second model onwards
- Surveillance fee 15,000 THB/time
- Green Label contract is maximum at 3 years. After that, the process of application shall be started from the beginning.
- The applicant shall be responsible for expenses regarding product testing.

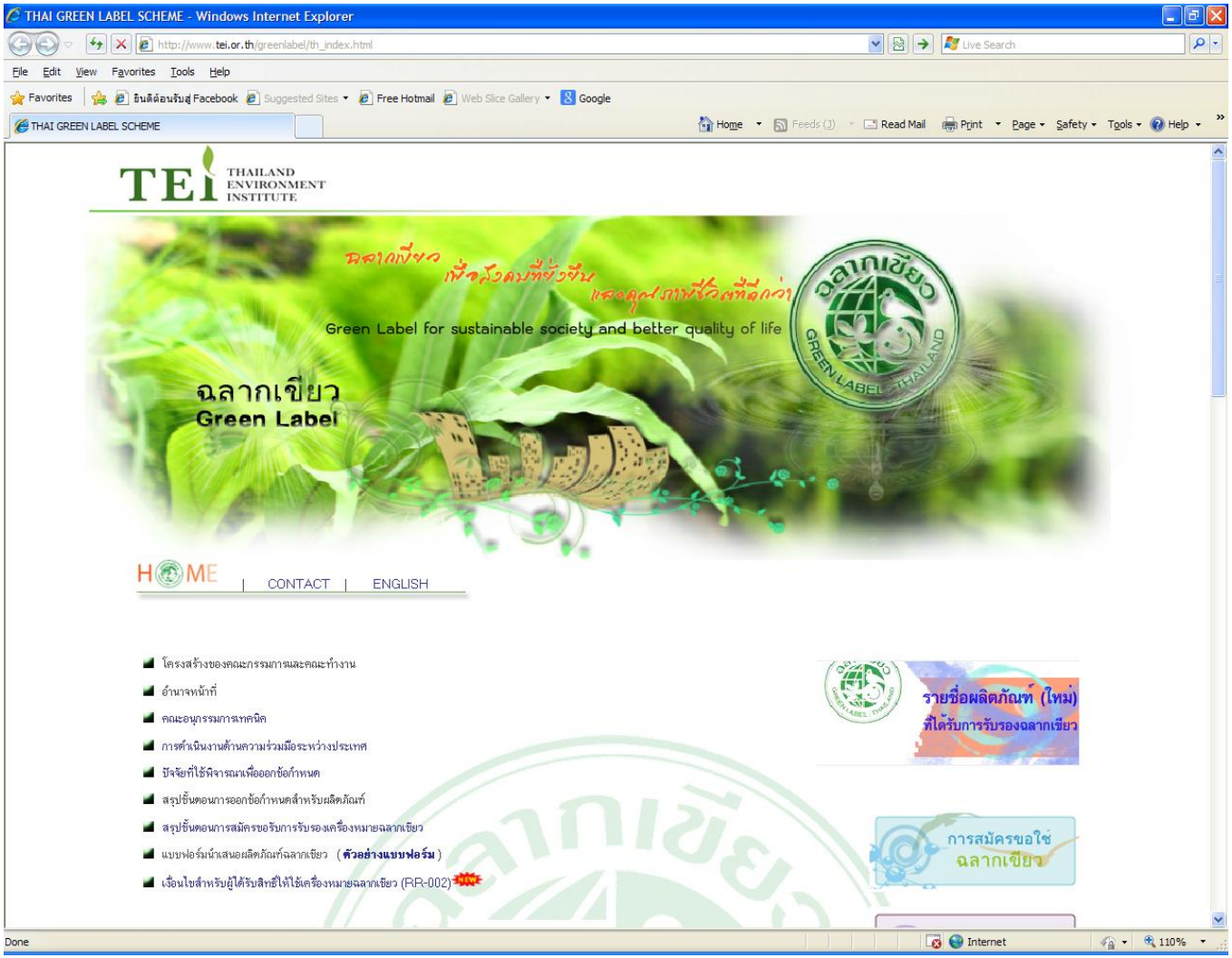
Number of certified products

(2013)

595 Models 23 Products Category and 67 Companies

No.	Products	Model	No.	Products	Model
1	Products Made From Recycled Plastics	4	13	Photocopiers	142
2	Fluorescent Lamps	6	14	Gasoline Stations	6
3	Paints	207	15	Vehicles	11
4	Flushing Toilets	22	16	Cement Roofing tiles	3
5	Paper	112	17	Fire Extinguisher	2
6	Detergents	9	18	Cement Board	7
7	Faucets and Sanitary Accessories	10	19	Panels for the Building, Decorating and Furniture Industry	1
8	Building Materials : Thermal Insulations	29			
9	Dishwashing Detergents	4	20	Products Made from Cloth	5
10	Products Made from Rubberwood	2	21	Canopy and Deck Cover for Vehicle	1
11	Surface Cleaners	9	22	Gypsum Board	1
12	Correcting Agent	1	23	Air-conditioners	1
Total models (Update November 21,2013)					**595**

Web-site


THAI GREEN LABEL SCHEME - Windows Internet Explorer
http://www.tei.or.th/greenlabel/th_index.html
THAI GREEN LABEL SCHEME
TEI THAILAND ENVIRONMENT INSTITUTE
ฉลากเขียว เพื่อสังคมที่ยั่งยืน และคุณภาพชีวิตที่ดีกว่า
Green Label for sustainable society and better quality of life
ฉลากเขียว
Green Label
HOME | CONTACT | ENGLISH
โครงสร้างของคณะกรรมการและคณะทำงาน
อำนาจหน้าที่
คณะอนุกรรมการเทคนิค
การดำเนินงานด้านความร่วมมือระหว่างประเทศ
ปัจจัยที่ใช้พิจารณาเพื่อออกข้อกำหนด
สรุปขั้นตอนการออกข้อกำหนดสำหรับผลิตภัณฑ์
สรุปขั้นตอนการสมัครขอรับการรับรองเครื่องหมายฉลากเขียว
แบบฟอร์มนำเสนอผลิตภัณฑ์ฉลากเขียว (ตัวอย่างแบบฟอร์ม)
เงื่อนไขสำหรับผู้ได้รับสิทธิ์ให้ใช้เครื่องหมายฉลากเขียว (RR-002)
รายชื่อผลิตภัณฑ์ (ใหม่) ที่ได้รับการรับรองฉลากเขียว
การสมัครขอใช้ฉลากเขียว
Done
Internet
110%

Green Label Awards Ceremony

Green Label Products Exhibitions

Green Products Directory

International Cooperation

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

International Cooperation

- Conducted 'On-Site Assessment' under the MRA with Australia and Taiwan
- Passed the 'Peer Review' from Global Eco-labeling Network's Internationally Coordinated Eco-labeling System (GENICES) since 2009

Mutual Recognition Agreement

Between TEI and

Taiwan Environment Development Foundation (EDF) and Taiwan Architecture & Building Center (TABC)

11 October 2013

Relationship between GPP and TGL

- **PCD** work with other agencies on Green Label
- **PCD** cooperate with TEI , consultant and FTI to develop the criteria of green procurement
  - Public Procurement list (Volume, Value)
  - Effect to Environment (LCA)
  - Related Environmental label and awards
  - Possibility of Manufacture adaptation

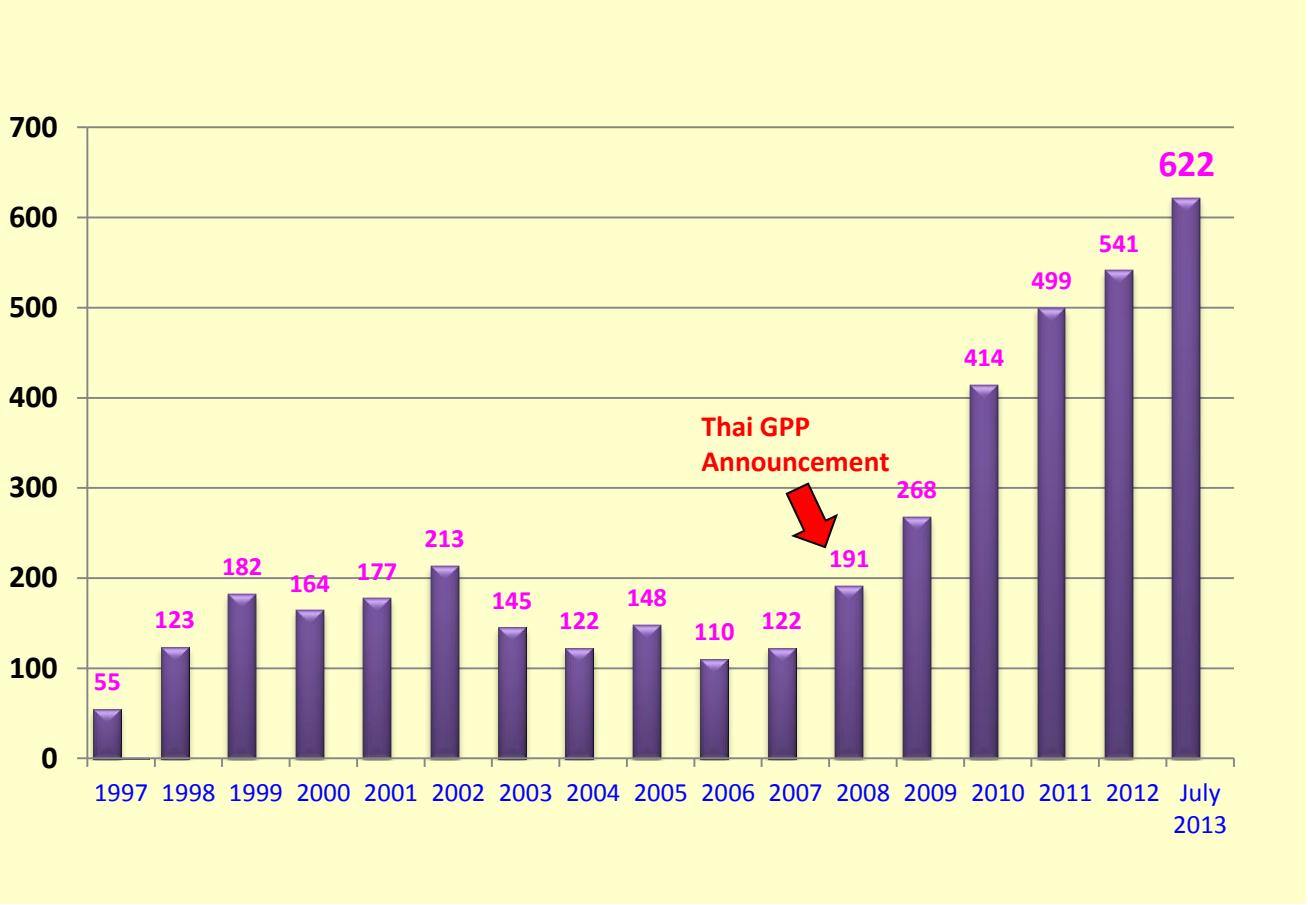
ฉลากเขียว GREEN LABEL : THAILAND

- 10% =

Relationship between GPP and TGL

- **PCD** produced a guideline (Green Product Directory) for green purchasing
- The directory has been distributed to government's purchasers.
- Green products include Eco-labeled products such as GL certified products or the product that can comply with PCD criteria

Relationship between GPP and TGL



- 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 %

More Information

Please contact

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