



The Linkages between GPP and Ecolabelling

Asia-Pacific Green Public Procurement & Ecolabelling Network

Friday 29 July 2016



Webinar Agenda



29th July 2016

15:00 – 15:15 (ICT)	Welcome and Introduction by moderators Mr Farid Yaker, Ms Sophie Loueyraud, UNEP Overview of the Asia-Pacific GPPEL Network, and Update on Asia-Pacific GPPEL Network activities Mr Farid Yaker, Ms Laura Guccione, UNEP
15:15 – 15:30 (ICT)	“The linkages between GPP and EL in Japan” Mr Hiroyuki Kobayashi, Promotion & International Cooperation Section, Eco Mark Office, JEA
15:30 – 15:45 (ICT)	“The linkages between GPP and EL in China” Ms Xiaodan Zhang, General Manager of China Environmental United Certification Center (CEC), MEP
15:45 – 16:10 (ICT)	Questions and Closing



Introduction to UNEP SPP activities in relation to the Asia-Pacific GPPEL network



UNEP SPP Activities



PROGRAMME OBJECTIVES

PROJECTS

SCOPE

Objective 1:

Provide **policy support** and **technical assistance** to countries for the design and implementation of SPP/Ecolabelling policies

SPPEL

National & regional
(LAC, Asia)

EaP-
GREEN

National
(Eastern Europe)

**Asia-Pacific
GPPEL**

Regional

Objective 2:

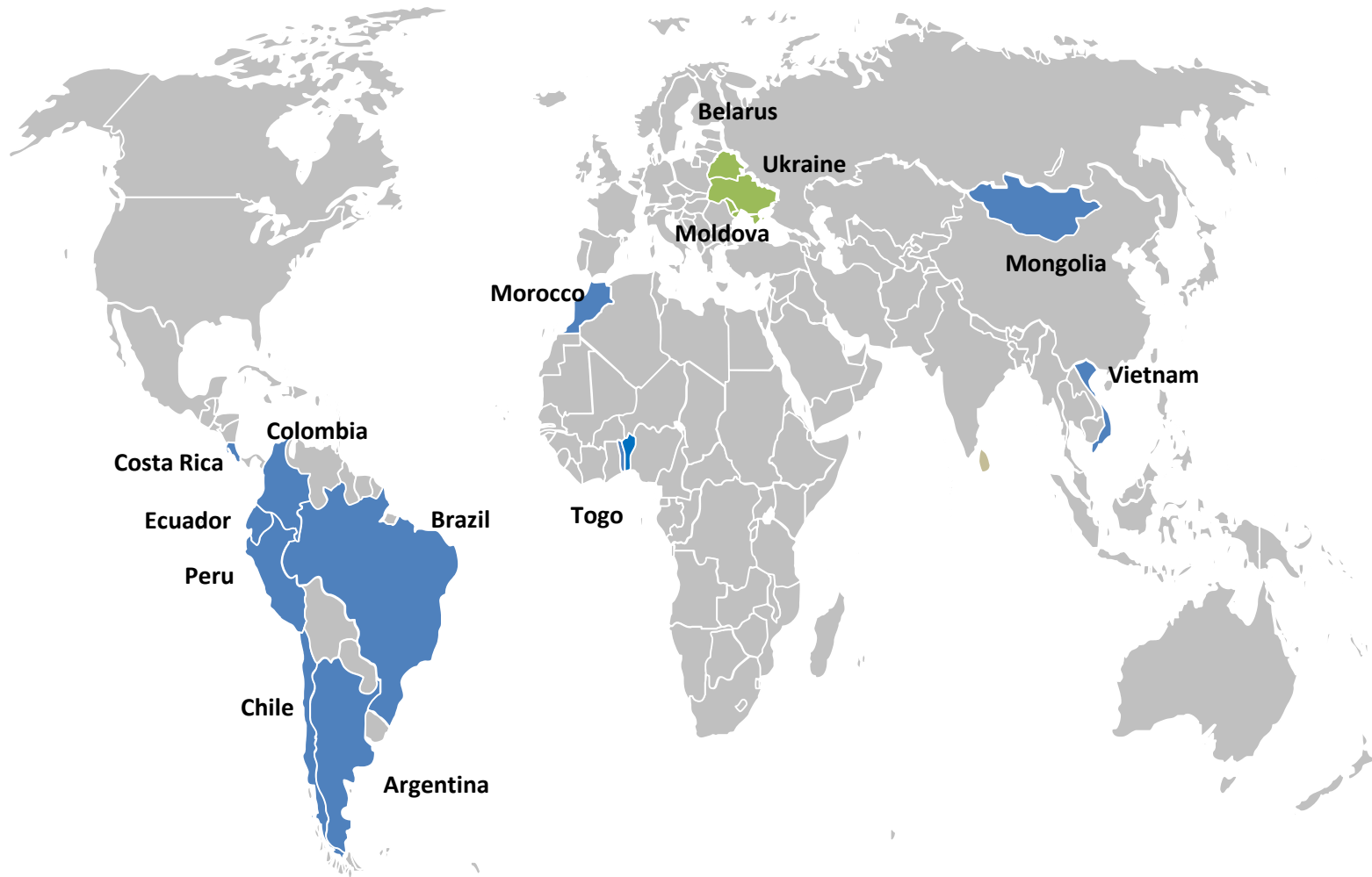
Promote **worldwide implementation** of SPP through increased cooperation between key stakeholders and a better understanding of its potential benefits and impacts.

10YFP SPP
Programme

Global

SPPEL & EaPGreen projects

Assisting 14 countries around the world



National updates

- **Mongolia** – SPP Component in the framework of the Partnership for Action on Green Economy (PAGE)
 - Completed Status assessment and market analysis
 - Legal Review and Action Plan in progress
- **Vietnam** – SPPEL project
 - Completed SWOT Analysis of Ecolabelling
 - Legal Review and Market Analysis in progress



Regional updates

Regional cooperation on ecolabelling under the SPPEL project

- Increase **operating efficiency** by sharing experiences and building expertise while combining SPP and EL.
- **Drive opportunity for trade** – by increasing programs alignment across countries.
- Develop tools or approaches to foster cooperation at regional level



Regional collaboration on EL under SPPEL in 2 regions:

- Asia Pacific
- Latin America



Regional updates

Regional cooperation on ecolabelling under the SPPEL project – Asia Pacific

- **Main goal:** Develop common core criteria (CCC) that could be used voluntarily by all stakeholders in the region for: public/private procurement, standards, and ecolabels.
- **Activity 1:** Identify key opportunities for pilot products for the Asia Pacific region based on:
 - Potential to reduce environmental impacts
 - Relevance for GPP and trade
 - Existing CCC and ongoing work in the region and need for further collaboration on CCC for specific products
 - Existing MRA, etc.





The 10-year Framework of Programmes



Why was the 10-year Framework of Programmes created?

- The **Rio+20 Conference** reaffirmed that Sustainable Consumption and Production is a cornerstone of sustainable development.

What is the Vision of the 10YFP?

- *“Fundamental changes in the way societies produce and consume are indispensable for achieving global sustainable development. All countries should promote sustainable consumption and production patterns (...) all major groups should play an active role in changing unsustainable consumption and production patterns”*



RIO+20
United Nations
Conference on
Sustainable
Development





The 10-year Framework of Programmes

- **The 10YFP was adopted at the Rio+20 Conference.** It is a global framework of action to enhance international cooperation to accelerate the shift towards SCP patterns in both developed and developing countries.
- It supports **capacity building** and **provides technical and financial assistance** to developing countries for this shift.





Official Launch of the 10YFP SPP Programme

The Sustainable Public Procurement Initiative (SPPI) officially became the **10YFP SPP Programme** on **April 1st 2014** at an event in New York, at the margins of the 10th Session of the Open Working Groups on Sustainable Development Goals.





10YFP SPP Programme



Objectives

1. Build the case for SPP:

- Improve knowledge on SPP and its effectiveness as a tool to promote greener economies and sustainable development

2. Support the implementation of SPP on the ground:

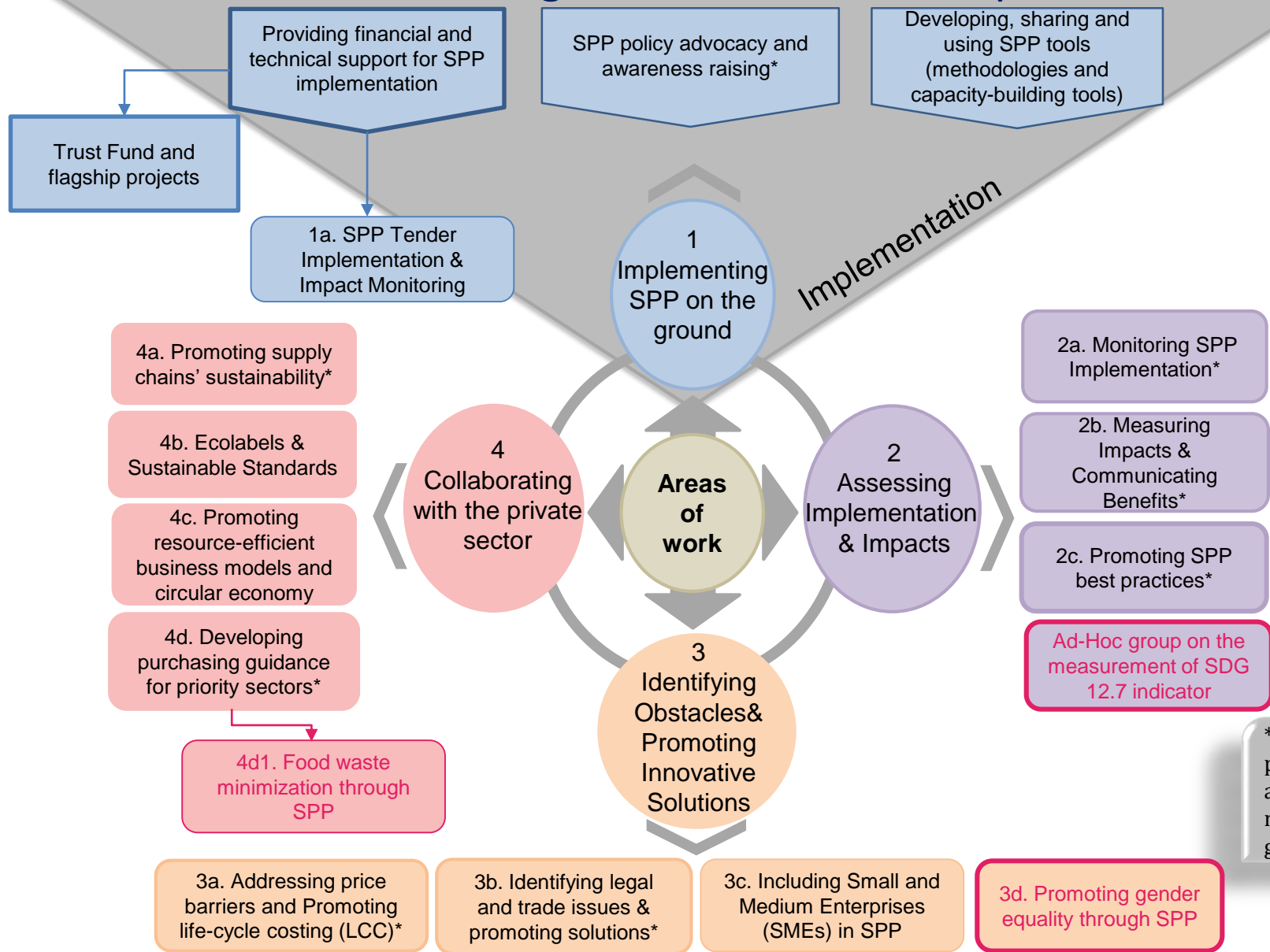
- Better access to capacity building resources and improved coordination between SPP stakeholders.

Vision

“Our vision is a world in which all aspects of sustainability are embedded in public procurement and global supply chains, with full support of governments worldwide.”



Revised 10YFP SPP Programme biennial work plan 2016-2017



Knowledge management, outreach and communication, **cross-cutting research activities:**
 Global Review on SPP, Global SCP Clearinghouse, websites and social networks, webinars, **SPP Academic Network**

Join the 10YFP working groups

- Join the 10YFP **SPP thematic working groups**

Become a 10YFP SPP programme partner and participate in the activity of the working groups. Contact sppteam-paris@10yfp-spp-programme.org

Active 10YFP SPP Working groups

1. Implementing SPP on the ground

1A SPP Tender Implementation & Impact Monitoring

2. Assessing SPP Implementation & Impacts

2A Monitoring & Evaluating SPP implementation

2B Measuring Impacts & Communicating Benefits

2C Promoting SPP Best Practices

3. Promoting Innovative Solutions & 4. Collaborating with the private sector

3C Including SMEs in SPP

4A Promoting Supply Chains' Sustainability

4B2 Improving Collaboration between SPP and SS & Ecolabelling

4C Promoting Resource-efficient Business models and Circular Economy

Join the 10YFP working groups

10YFP SPP Programme

- **WG 4b2:** Supporting SPP implementation through the use of ecolabels and sustainability standards

10YFP Consumer Information Programme (CI-SCP)

- **WG 2 on Ecolabels Type-I**
 - Strengthening & harmonizing existing schemes; sharing lessons from practice.
 - Regional chapter – Asia: promote Information exchange platforms and strengthen communication channels
- **Guidelines for Product Sustainability Information**
 - Webinar recording introducing the guidelines available on the website
 - Global consultation coming up (published in the website)

For more information:

- Website: <http://www.unep.org/10yfp/consumer>
- Contact: CISCP@unep.org or laura.guccione.affiliate@unep.org



Asia-Pacific GPPEL Project

“Strengthening the capacities and improving the knowledge on green public procurement and ecolabelling in the ASEAN+3 region”



Asia-Pacific GPPEL project

Objectives

1. **Strengthen SPP and ecolabelling** in the Asia-Pacific region, based on the expertise of China, Japan and South Korea in the combined use of SPP and ecolabelling.
2. Enhance **South-South collaboration** on those topics.
3. Ensure a broad and effective **participation** of Asia-Pacific countries in the activities of the 10YFP SPP Programme.



Asia-Pacific GPPEL project

Activities

Asia-Pacific network of SPP and Ecolabelling experts and policy makers

- Yearly network meetings held in Seoul (2013), Bangkok and Beijing (2014). Conference in December 2015.
- A new name – the “Asia-Pacific GPPEL Network” – was chosen.
- Upcoming meeting in the fall of 2016

Development of Asia-Pacific case studies on GPP and ecolabelling implementation

- 4 case studies developed (China, S. Korea, Japan, Thailand) in 2015
- 7 case studies from China, Japan, Thailand and RO Korea to be published late 2016.
- Comparative study of these four countries to be published in 2016.

Sharing GPP and ecolabelling knowledge through a regional capacity-building scheme

- SPP Training held in Seoul (2013), in Kuala Lumpur (2015)
- Knowledge sharing at meetings and through bi-annual webinars
- Upcoming high-level training in Asia in the fall of 2016
- New webinar in the fall of 2016
- Asia-Pacific GPPEL Forum on LinkedIn

Link with 10YFP SPP Programme

- Case studies and working groups

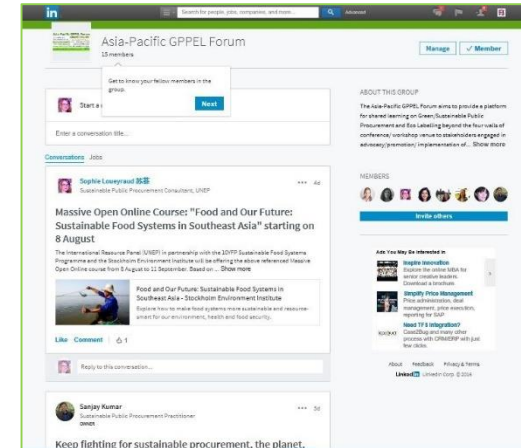


How can I actively participate in the Asia-Pacific GPPEL network?

- Join the Asia-Pacific GPPEL Forum on LinkedIn

- Keep abreast of Asia-Pacific GPP & EL news
- Share your news with the network
- Start discussions and exchange with peers

<https://www.linkedin.com/groups/8449864>



- Share news, publications and local events with the network

- Contact sppteam-paris@10yfp-spp-programme.org

- Present your organization's work during webinars

- Contact sppteam-paris@10yfp-spp-programme.org

- Join the 10YFP working groups

Webinar Panelists



Mr Hiroyuki Kobayashi, Eco Mark Office, JEA

Promotion & International Cooperation Section of Eco Mark Office. In charge of international activities such as Mutual Recognition Agreements, and dissemination of the Eco Mark programme internationally, and he is also involved in Global Ecolabelling Network activities.



Ms. Xiaodan Zhang, General Manager of China Environmental United Certification Center (CEC), MEP.

Deputy Secretary-General of China Green Purchasing Network (CGPN), Board Member of the Global Ecolabelling Network (GEN) since 2012, and Advisory Board Member of the International Green purchasing Network (IGPN). She engages in policy research and implementation, mainly in the field related to China Environmental Labelling program, Green Public Procurement, Green Supply Chain, Clean Development Mechanism, Carbon Emission Trade Systems.





The linkages between GPP and Eco Labelling(EL) in Japan



29th July, 2016

Mr Hiroyuki Kobayashi

Japan Environment Association, Eco Mark Office



1-1. Eco Mark Programme (1)



(Eco Mark)

Keywords

- Year of establishment : **1989**
- Number of criteria : **62**
- Number of certified products (Companies) :
5,604(1,584), as of 30th June, 2016
- Market scale of certified products :
\4.4 Trillion (\$44 billion) <year of 2012>
- Operated by a **Non-profit organization**,
Japan Environment Association(JEA)
- **The only Type I Eco Labelling(ISO14024)**
in Japan (*Voluntary label*)

HP : <http://www.ecomark.jp/>



1-2. Eco Mark Programme (2)

Characteristics

1. Life Cycle Consideration
2. Focus on other 4 additional areas
(Resource, GHG, Hazardous Substances, Biodiversity)
3. Decision made by 5 Committees
4. 100% run by application / annual fee
(No financial support from governments)
5. High awareness : **91%**
6. Widely used as reference for GPP



(Eco Mark)

【MRA cooperation】



Nordic Swan



Korea



China



New Zealand



Thailand



Taiwan



North
America



Germany



Hong Kong



Singapore



2. Act on Promoting Green Purchasing

1989

Eco Mark Programme started

2000

Act on Promoting Green Purchasing

- The main objective of the Act is:
 - To encourage all society sectors (public, private, citizens) to shift the demand towards eco-friendly goods – without encouraging total increase of demand



3. Framework of Green Purchasing Law

Central Governments

Cabinet

<Article 6>

- defines '**Basic Policy**' every year
- update/add/delete "**designated procurement items and its evaluation criteria**" every year



Central government agencies

<Article 7>

Prepare & announce a "**procurement policy**"
based on Basic Policy



Green procurement in line with the
procurement policy



Compile procurement records

(Mandatory)

Local governments

- Prepare a procurement policy
- Green procurement according to the policy

(Best effort-basis) <Article 10>



<Article 11>

Consider Necessity first

- Gov't and agencies shall take care that the purchase of environmental goods based on the Green Purchasing Law does not increase the total purchasing amount of goods and services.



Business / General public

- Choose eco-friendly goods and services

(General responsibility) <Article 5>



4. Designated Procurement Items


21 Categories 270 items

(Revised and approved by Cabinet in February 2015)

1. Paper
2. Stationery
3. Office furniture
4. Imaging equipment (copiers, printers, PCs, cartridges, etc.)
5. Electronic Computer
6. Office equipment (paper shredder, desktop calculation etc.)
7. Mobile phones
8. Home electronic appliances (TVs, microwave ovens, etc.)
9. Air conditioners
10. Water heating equipment (electric water heater, gas water heater, etc.)
11. Lighting (lamps, LEDs, etc.)
12. Vehicles (vehicles, tyres, engine oil)
13. Fire extinguishers
14. Uniforms and work clothes
15. Interior fixtures and beddings (carpets, curtains, etc.)
16. Work gloves
17. Other fiber products
18. Facilities (solar panels, solar thermal appliances, etc)
19. Stockpiles for Disaster
20. Public works projects
21. Services (printing, transportation, etc)



5. Comparison between GPP and Eco Mark

	GPP	Eco Mark
Establishment	2000	1989
Leading organization	Ministry of Environment (MOE)	Japan Environment Association (JEA)
Framework	Law	ISO14024, Voluntary
Category	21 categories, 270 items	62 categories
Criteria level	Minimum level E.g. Stationery (made mainly of plastics) 1. Recycled plastic makes up no less than 40% in weight of the total plastic used.	Set criteria level as approximately top 20% of each market E.g. Stationery (made mainly of plastics) 1. The rate of recycled plastics needs to be 70 wt% or more 2. Product packaging 3. Hazardous substances and more
Criteria development	Government (led by MOE)	JEA, Eco Mark Office
Way of compliance	<ul style="list-style-type: none"> ▪ No certification label ▪ Based on self-declaration by manufactures ▪ Eco Mark is referred to as compliance with GPP evaluation criteria ▪ Basic Policy & GPP Support Book recommend the usage of Eco Mark for reference 	<ul style="list-style-type: none"> ▪ Third party certification ▪ Type 1 Eco Labelling 



6. Criteria Label image between GPP and Eco Mark

Level of criteria



Eco Mark:
leading runner

62 categories:
([Certification by the third party](#):
Eco Mark Office)

Green Purchasing Law:
minimum level

270 items
([Self declaration](#) by
manufacturers)

Example: ballpoint pen (made mainly of plastics)

EcoMark: the rate of recycled plastics needs to be **70 wt%** or more

Green procurement law: the rate of recycled plastics needs to be **40 wt%** or more





7. Dissemination of Eco Mark for procurers

“GPP Support Book for Procurers” published by MoE introduces Eco Mark as a useful Eco Labelling for reference to meet GPP own criteria

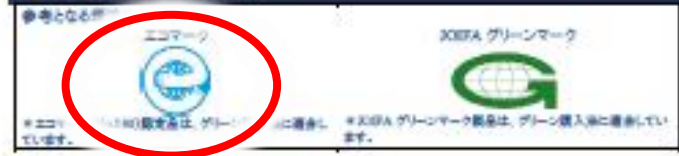
グリーン購入の調達者の手引き

“GPP Support Book for Procurers”

平成 28 年 2 月



■4 オフィス家具等



■特定調達品目及びその判断の基準

いす 机 収納用什物(箱以外) ローラーチェア コートハンガー 傘立て 掲示板 黒板 ホワイトボード	<p>【全品目(材料にかかわらず)】</p> <ul style="list-style-type: none"> ● 保守部品又は消耗品は製造終了後5年以上供給 <p>【主要材料がプラスチックの場合】</p> <ul style="list-style-type: none"> ● 再生プラスチックがプラスチック重量比10%以上又は植物性原料とするプラスチックが25%以上かつバイオベース/バイオ含有率が10%以上 <p>【主要材料が木材の場合】</p> <ul style="list-style-type: none"> ● 間伐材、端材等の再生資源又は合法材 ● ホルムアルデヒドの放散速度が0.02mg/㎡h以下 <p>【主要材料が紙の場合】</p> <ul style="list-style-type: none"> ● 古紙パルプ配合率50%以上 ● バージンパルプの含有性の制限 <p>大部分の材料が金属 類(95%以上)の箱・収 納用什物</p> <ul style="list-style-type: none"> ● 部品の環境重量が0.1以下 ● 単一素材分離可能率が85%以上 ● リデュース、リサイクルに配慮された設計 <p>※金属部品以外は、別途基準を設けます。</p>
----------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

■留意事項

- 長期間の使用が可能な設計、再使用、再生利用が容易になるような設計がなされていること。特に金属部分については、製品の長寿命化、省資源又は材料の再生利用のための設計上の工夫がなされていること。
- 塗料は、粉末塗料、水性塗料等の有機溶剤及び臭気可能な顔料が少ないものであること。
- 使用済製品の回収及び再使用又は再生利用のためのシステムがあり、再使用又は再生利用されない部分については適正処理されるシステムがあること。
- 原料となる原木は、持続可能な森林経営が営まれている森林から産出されたものであること。また、森林認証材パルプ及び間伐材等パルプの利用割合が可能な限り高いものであること。
- 簡易分解、再生利用の容易性及び廃却処理時の負荷低減に配慮されていること。
- 包装材等の回収、再使用、再生利用システムがあること。



8. Correspondence table between GPP and EM

Eco Mark Office published a brochure about correspondence table between GPP own criteria and Eco Mark criteria

GPP criteria			Eco Mark		
分 野		特定調達品目	対応状況	対応するエコマーク商品類型	備 考
紙類	情報用紙	3品目	○	No.106「情報用紙」	
	印刷用紙	2品目		No.107「印刷用紙」	
	衛生用紙	2品目		No.108「衛生用紙」	
文具類	下記3品目以外の文具類すべて（80品目）		○	No.112「文具・事務用品」	
	ごみ箱			No.128「日用品」	
	缶・ボトルつぶし機（手動）			紙製：No.114「紙製の包装用材」 プラスチック製：No.118「プラスチック製品」	
	梱包用バンド				
オフィス家具等		10品目	○	No.130「家具」	
画像機器等		コピー機	○	No.155「複写機・プリンタなどの画像機器」	
	コピー機等	複合機			
		拡張性のあるデジタルコピー機			
	プリンタ等	プリンタ			
		プリンタ複合機			
	ファクシミリ	ファクシミリ			
	スキャナ	スキャナ			
	プロジェクタ	プロジェクタ	○	No.145「プロジェクタ」	

「○」: Eco Mark criteria level is equivalent or higher than GPP own criteria
 → Procurers take reference for their procurement to see where items meet GPP own criteria



9-1. Monitoring for GPP (1)

Monitoring System

For the monitoring at Central Government level...

- The aspects measured are:
 - Number of central gov. authorities that submit GPP policies and report results
 - Amount and % of purchase of green products/services for the designated product categories
 - Environmental impact – in CO₂ (under revision)



9-2. Monitoring for GPP (2)

- Government agencies fill in implement status in the format provided by MOE
- GPP law requires government agencies to publish result of implementation

平成 2 6 年度特定調達品目調達実績取りまとめ表 年間集計用							Agency name				
				自動計算	自動計算	自動計算	自動計算	自動計算			
Category	Items	①Target number	②Total amount of procurement	③Amount of procurement of designated items	④Procurement rate of designated items = ③/②	⑤Achievement rate = ③/①	⑨	調			
Paper(7)	Copier paper		% 0 kg	0 kg	%	%					
	Forms		% 0 kg	0 kg	%	%					
	Coated inkjet color printer paper		% 0 kg	0 kg	%	%					
	Non coated printing paper		% 0 kg	0 kg	%	%					
	Coated printing paper		% 0 kg	0 kg	%	%					
	Toilet paper		% 0 kg	0 kg	%	%					
	Tissue paper		% 0 kg	0 kg	%	%					
Stationery (83)	Mechanical pencils		% 0 本	0 本	%	%					
	Mechanical pencil lead		% 0 個	0 個	%	%					
	Ball-point pens		% 0 本	0 本	%	%					
	Marking pens		% 0 本	0 本	%	%					

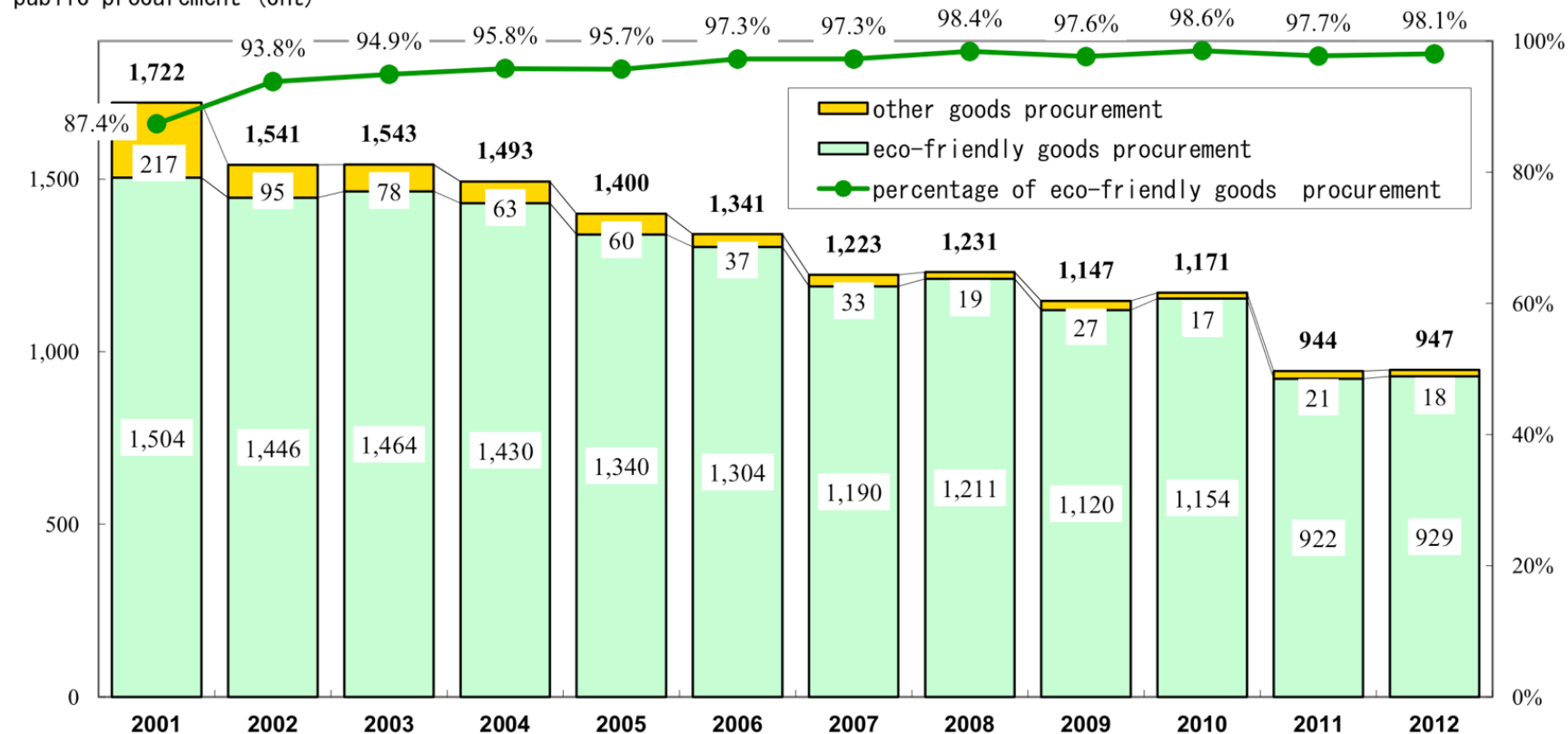
Refer to http://www.env.go.jp/policy/hozen/green/g-law/archive/refe/h26_01.xls
http://www.env.go.jp/policy/hozen/green/g-law/archive/refe/h26_02.xls



10-1. Results : GPP implementation

Total procurement and green purchases ratio for fluorescent lamps

public procurement (cnt)



Source;

- Ministry of Environment the Japan, 2012. Records of Green Purchasing of Central Governments and its Environment Benefit



10-3. Results : Environment benefit

- Estimated environmental benefits estimated for 2013



GHG reduction
412,390 Ton CO₂

=



239,000 people
(household sector)

Source;
•Ministry of Environment the Japan, 2013. Records of Green Purchasing of Central Governments and its Environment Benefit
•UNEP, 2015. GPP and Type I Ecolabeling in Japan at High-Level Workshop in Malaysia KL



11. Disseminate GPP

Seminar for GPP Basic Policy

Attendees:

Central governments agencies,
national universities, local
governments, enterprises related
to procurement

Where:

8 cities

10 seminars

(Feb - Mar)

Objective:

- Learn about GPP
- Share revised parts
of Basic Policy

Support

- Support desk
- Q&A published

Guide books

- General guideline for
procurers
- Guideline for each categories
compiled by Industry
Associations





12. Information on GPP

More Information

◆ Eco Mark Office (English)

<http://www.ecomark.jp/english/>

◆ Green Procurement Law

JPN: <http://www.env.go.jp/policy/hozen/green/g-law/>

ENG: <http://www.env.go.jp/en/laws/policy/green/index.html>

- Law(ENG, Provisional Translation)

<http://www.env.go.jp/en/laws/policy/green/1.pdf>

- Basic Policy(**Evaluation Criteria**) (ENG, Provisional Translation)

<http://www.env.go.jp/en/laws/policy/green/2.pdf>

- Image of Law on Promoting Green Purchasing (ENG)

<http://www.env.go.jp/en/laws/policy/green/4.pdf>



Contact

Eco Mark Office, Japan Environment Association (JEA)
Bakurocho Daiichi BLDG. 9F, 1-4-16 Nihonbashi Bakurocho,
Chuo-ku, Tokyo, 103-0002 JAPAN

Phone: +81-3-5643-6255 Fax: +81-3-5643-6257

E-mail: info@ecomark.jp

<http://www.ecomark.jp>



Webinar Panelists



Mr Hiroyuki Kobayashi, Eco Mark Office, JEA

Promotion & International Cooperation Section of Eco Mark Office. In charge of international activities such as Mutual Recognition Agreements, and dissemination of the Eco Mark programme internationally, and he is also involved in Global Ecolabelling Network activities.



Ms. Xiaodan Zhang, General Manager of China Environmental United Certification Center (CEC), MEP.

Deputy Secretary-General of China Green Purchasing Network (CGPN), Board Member of the Global Ecolabelling Network (GEN) since 2012, and Advisory Board Member of the International Green purchasing Network (IGPN). She engages in policy research and implementation, mainly in the field related to China Environmental Labelling program, Green Public Procurement, Green Supply Chain, Clean Development Mechanism, Carbon Emission Trade Systems.





China Environmental Labelling and China Green Public Procurement

Ms Zhang XiaoDan
www.mepcec.com
www.cgpn.org



China Environmental United
Certification Center (CEC)
Founded in 2003

CEC was authorized by Ministry of
Environmental Protection(MEP), it is a
national non-profit third-party
certification body including 18 branches.



Certification business



Product certification 01

(Environment Labelling products, Low Carbon Product , Organic Product and General industrial products certification)

Management system certification 02

(EMS ,QMS ,OHSMS,FSMS, CSR,Enterprise green supply chain management system)

Energy management 03

(EnMS, Energy performance contracting, Energy saving audit, Electric Demand Side Management Assessment , Key Energy-using Company Energy/CO2 emission Management System Assessment etc.)

Low carbon 04

(Validation and verification of CDM, VCS, GS, WCD and CCER; Carbon neutral, Carbon Footprint, Carbon inventory etc.)

Project Research



MEP-EL criteria

MEP-EL
Performance

EDF-LC

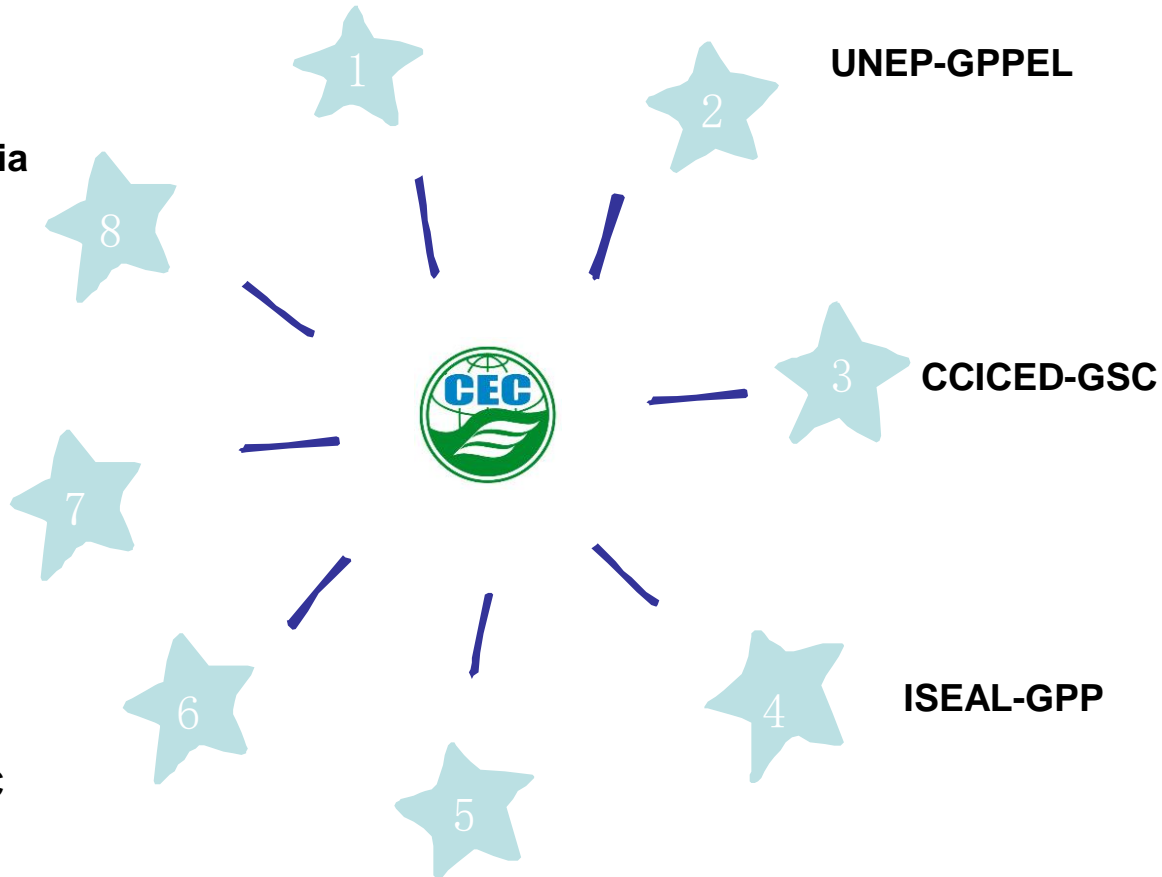
UNEP-SCP10YFP

UNEP-GPPEL

CCICED-GSC

ISEAL-GPP

TSC-GPT





International cooperation



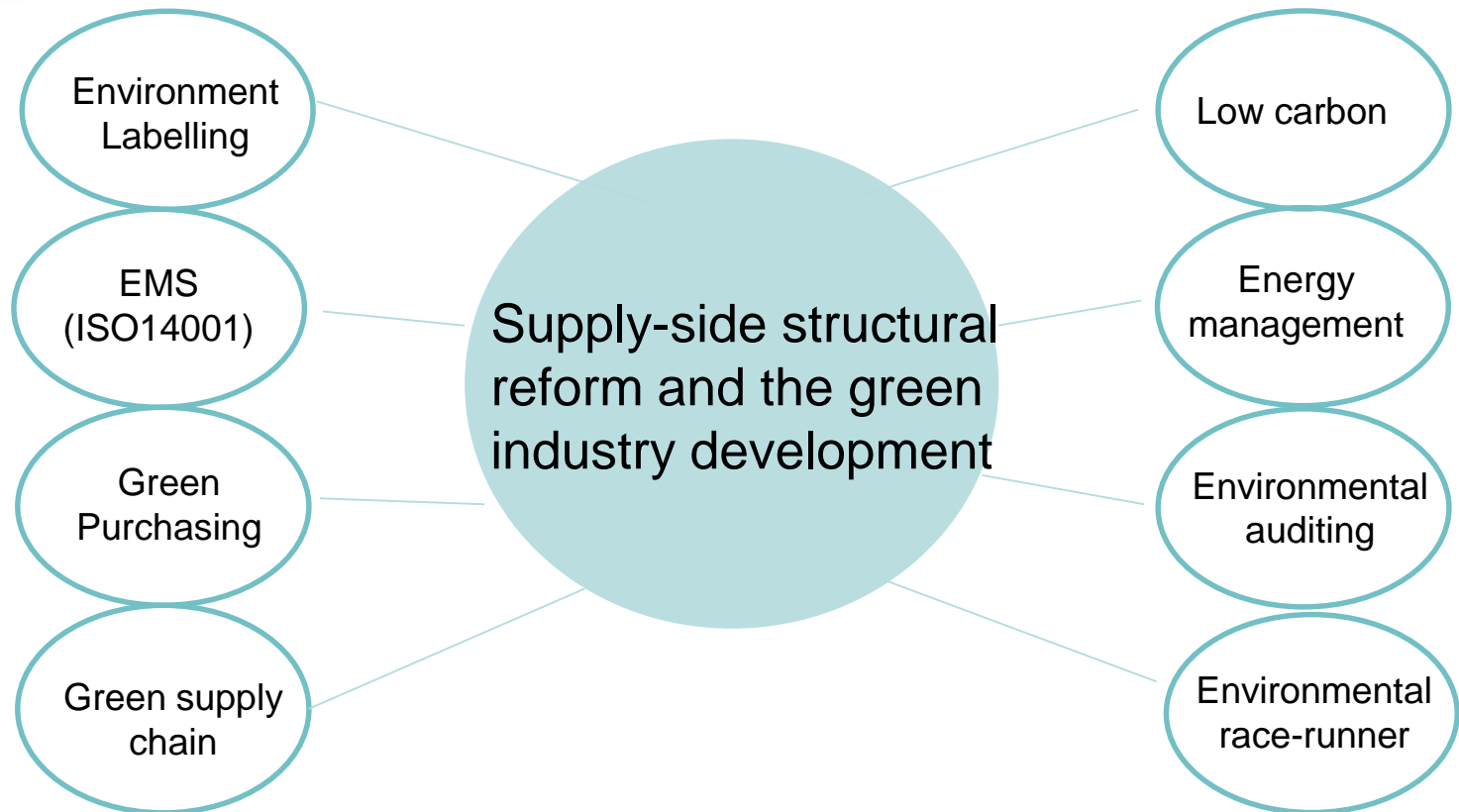
In 2008, joined in Global Ecolabelling Network (GEN)

In 2012, became GEN board member and passed GENICES peer review

Signed MOU/MRA with eco-labelling programme in Japan, Korea, Australia, New Zealand, Hong Kong, Germany, Nordic, Thailand, Singapore, Canada, Russia and Ukraine.



Technical support





In 1993, China Environmental Labelling programme was launched



In 1994, the first certificate of CEL was issued



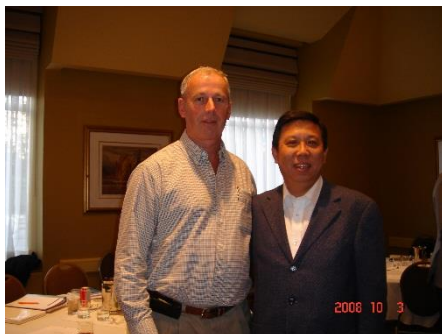
2004, 10th anniversary



2005, Signed the 1st eco-label MRA



2006, Issued GPP policy and published the 1st GPP list



2008, Joined in GEN AGM Canada



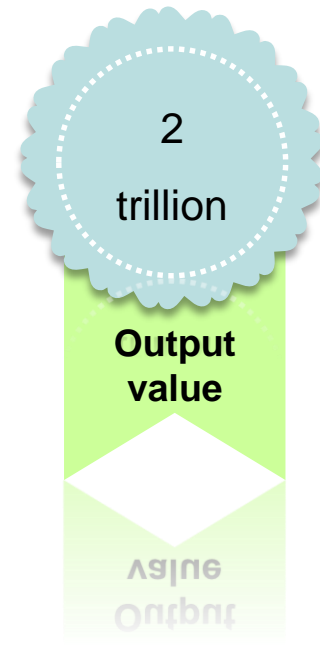
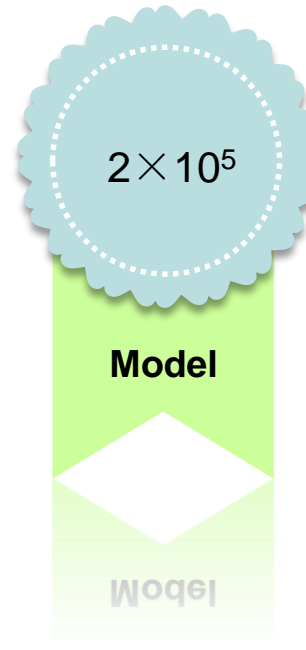
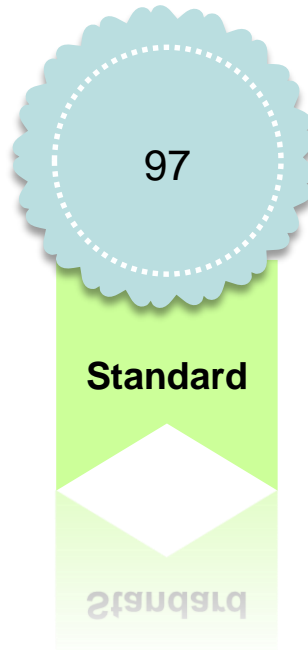
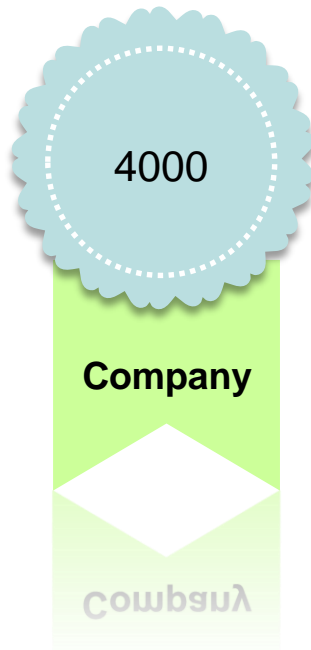
2012, Awarded GENICES certificate by Chairman of GEN



2014, 20th anniversary



China Environmental Labelling

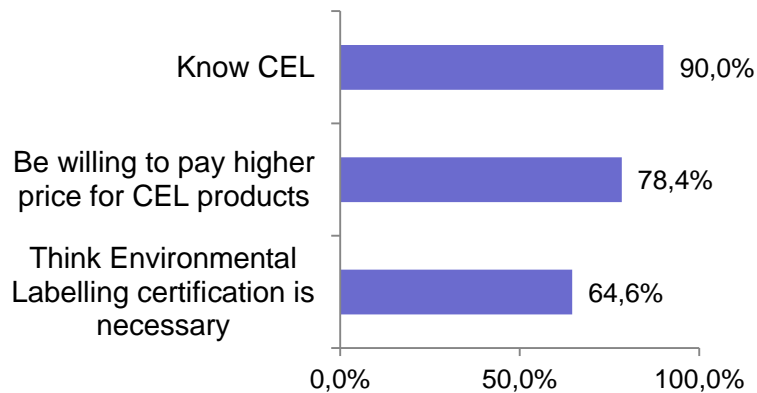


Up to now, CEL certified products include computer, printer, scan, automobile, furniture, TV set, solar energy, cement, boards, painting etc.

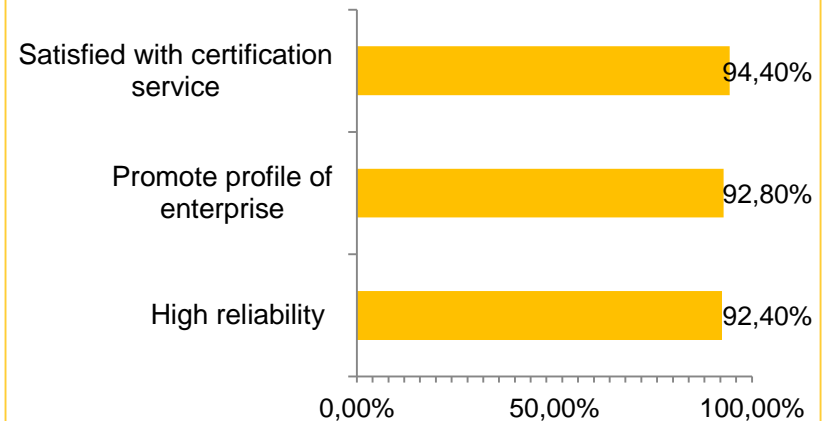


China Environmental Labelling

Consumer Survey



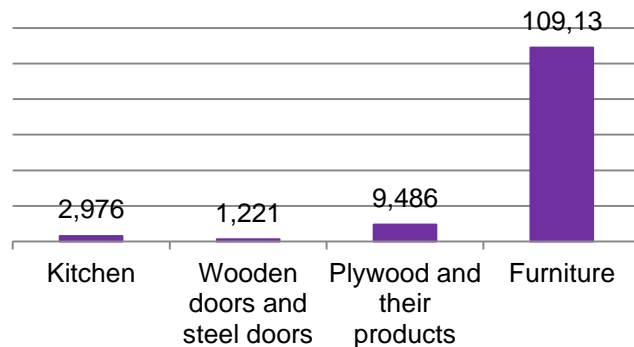
Enterprise Survey



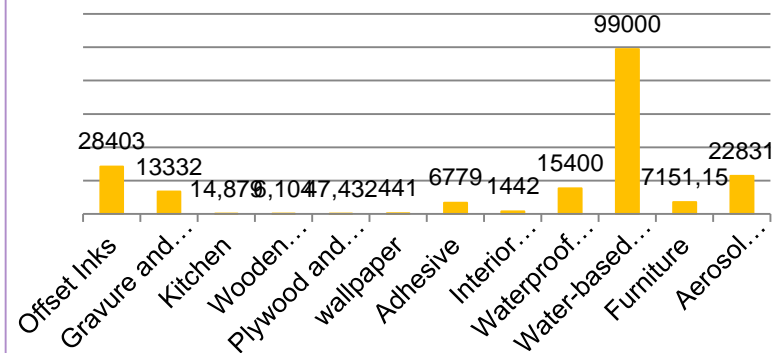
China Environmental Labelling
Public influence investigation



Formaldehyde Emission Reductions (tons)



VOC Reduction (ton)



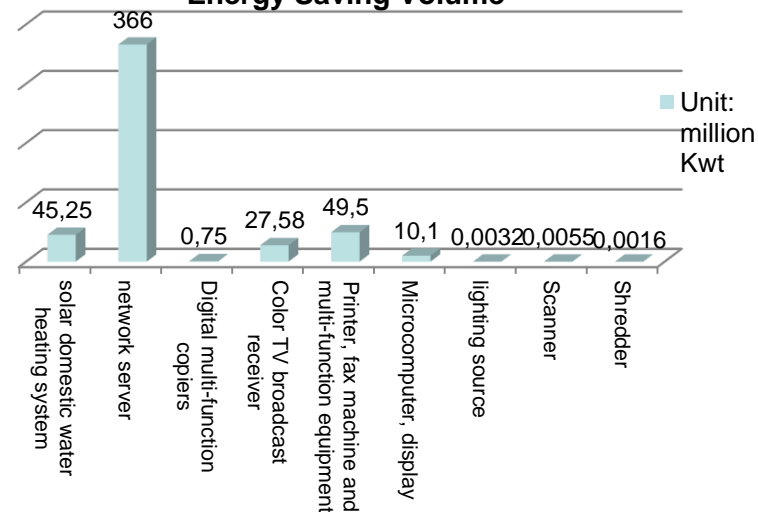
Reduce VOCs emission by 205 thousand tons, accounting for 1.7% of the total annual emission of VOCs from industries in China.

Reduced 8.59 million tons of carbon dioxide emissions, which is equivalent to an increase of 4.69 million cubic meters of forest volume;

Energy saving 13.32 billion KWH, equivalent to 84% of the Gezhouba power plant capacity throughout the year.

Item	Pollution	CER
Air pollution	VOCs	205000 T
	NOx	64000 T
	SO2	10000 T
	CO2	8590000 T
	CO	482000 T
	Formaldehyde	122.8 T
Water pollution	Phosphate	1232 T
Soil pollution	Hg	16.75 T
Energy saving	Electricity	13320000000 KWH
	Water	227000000 T
Resources saving	Plastic	120000 T
	Industrial waste	3471000 T
	Pulp	8188.8 T
	Toner cartridge	2938537

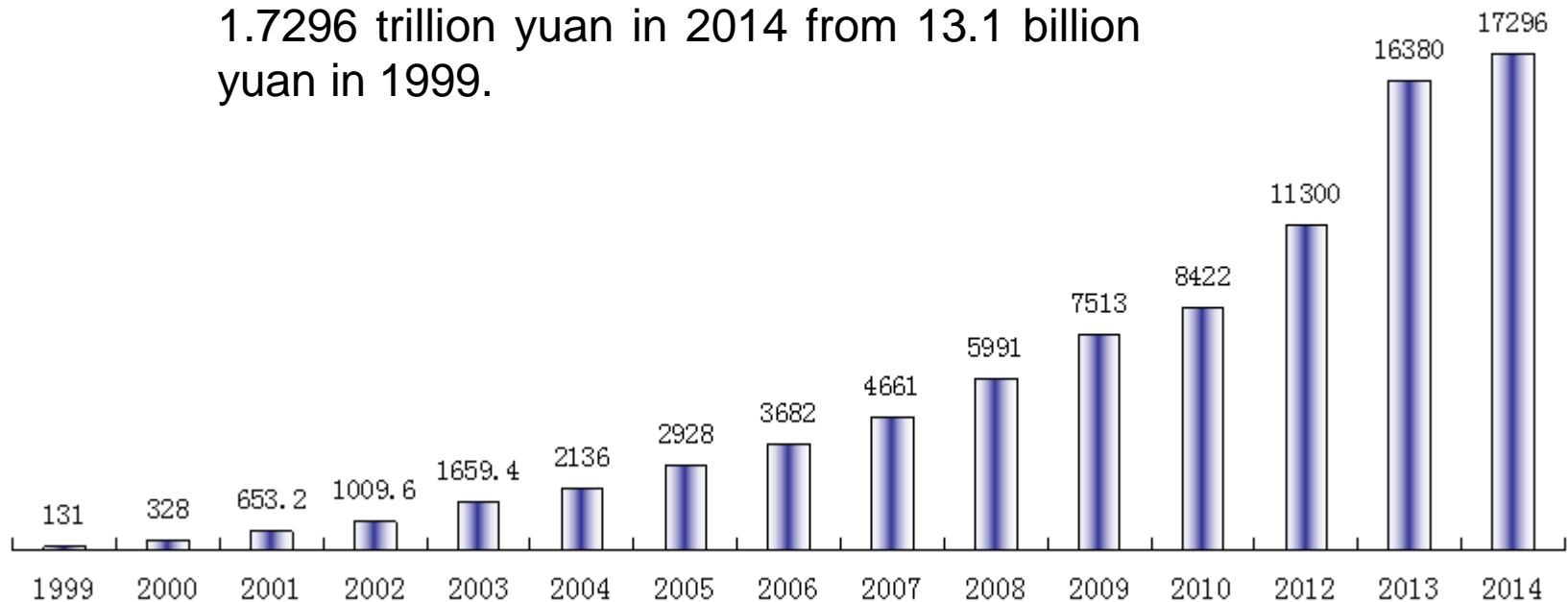
Energy Saving Volume





China public procurement

Since the *Government Procurement Law* implementation on January 1, 2003, China public procurement scale has reached 1.7296 trillion yuan in 2014 from 13.1 billion yuan in 1999.

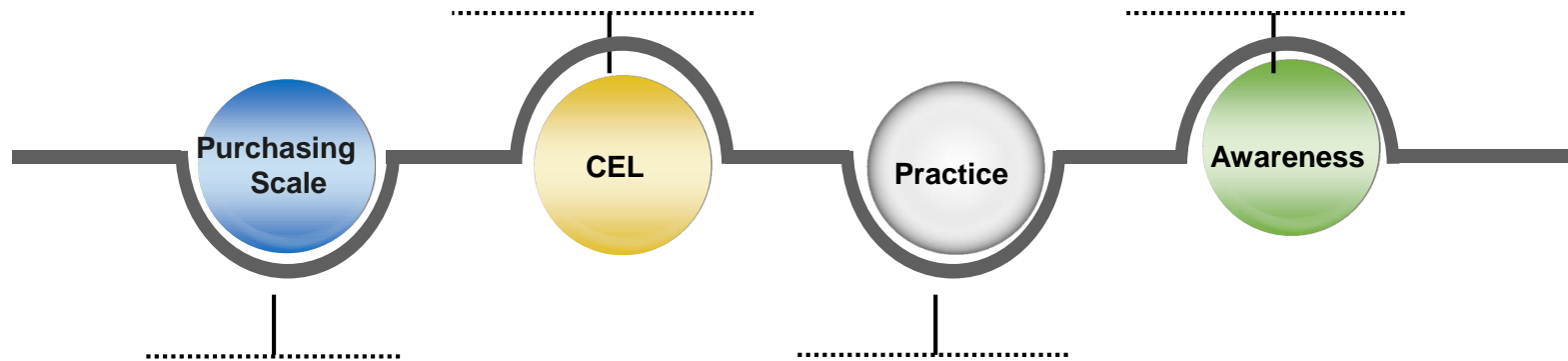




Implementation conditions of China GPP

MEP issued scores of CEL criteria and thousands enterprises were certified

By the increasing of China's economic, people are concern about the influence of environment and health caused by goods and services. Sustainable consumption becomes necessary.



China public procurement scale has reached to 368.16 billion yuan in 2006.

A few local regulations were issued by local governments some industries, enterprises began to implement green purchasing actively.



China GPP

On Oct. 24, 2006, *GPP Regulation* issued with Opinion of the Implementation of Green Public Procurement on Environmental Labelling Product which was approved jointly by Ministry of Environmental Protection (MEP) and Ministry of Finance (MOF). Meanwhile, the first GPP List on Environmental Labelling Products was published.

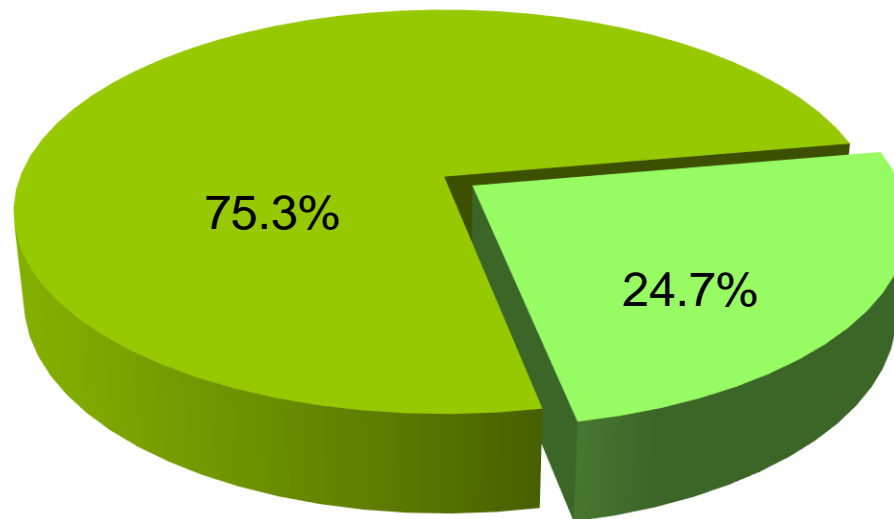
The green public procurement on CEL products was put into practice from Jan 1, 2007 in central and provincial governmental authorities which indicated Chinese GPP carrying out officially. GPP was implemented nationwide from Jan.1, 2008.





China GPP

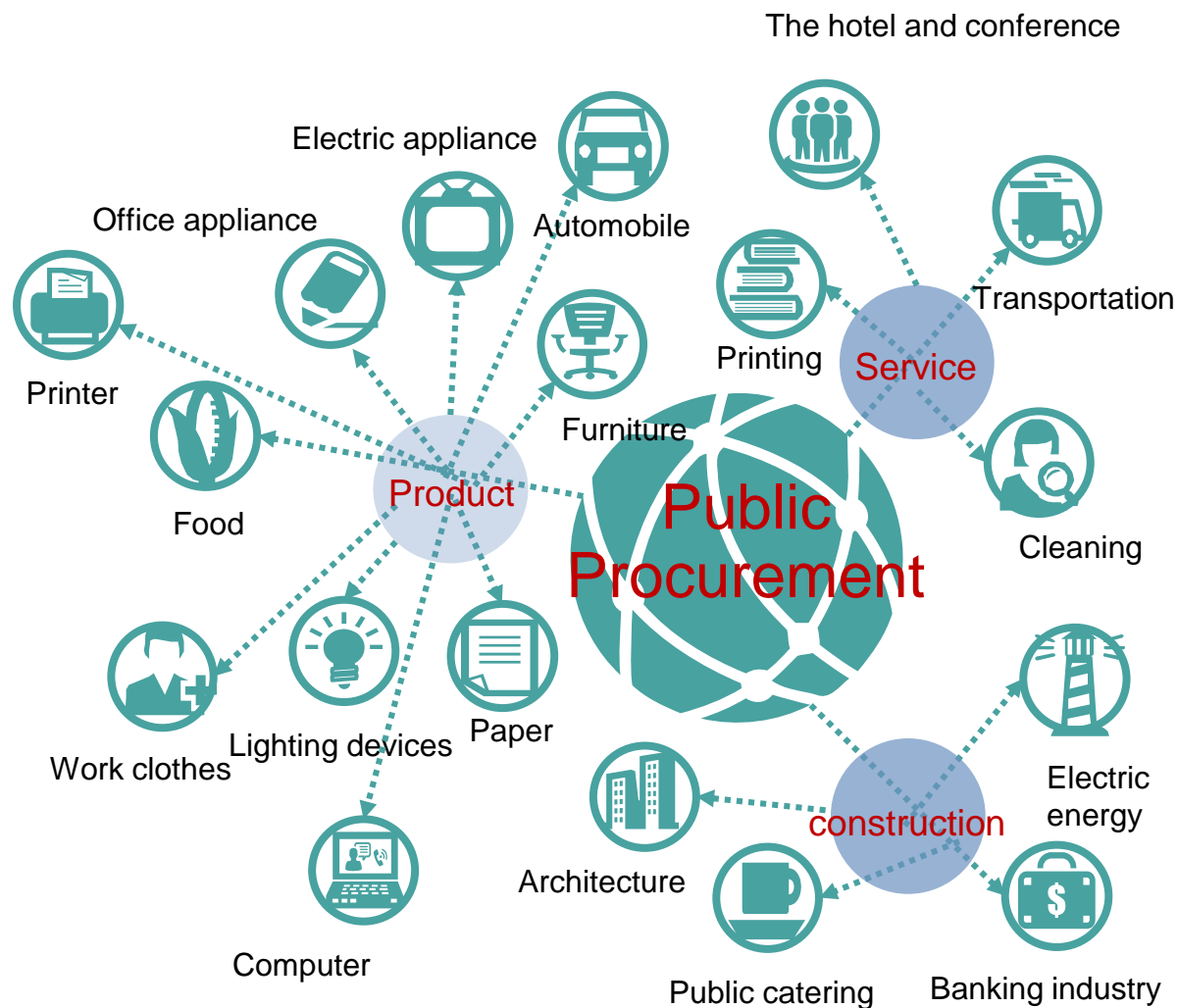
Based on government statistics, the scale of GPP reached 17.624 billion, accounting for 75.3% of the government procurement of similar products in 2014.





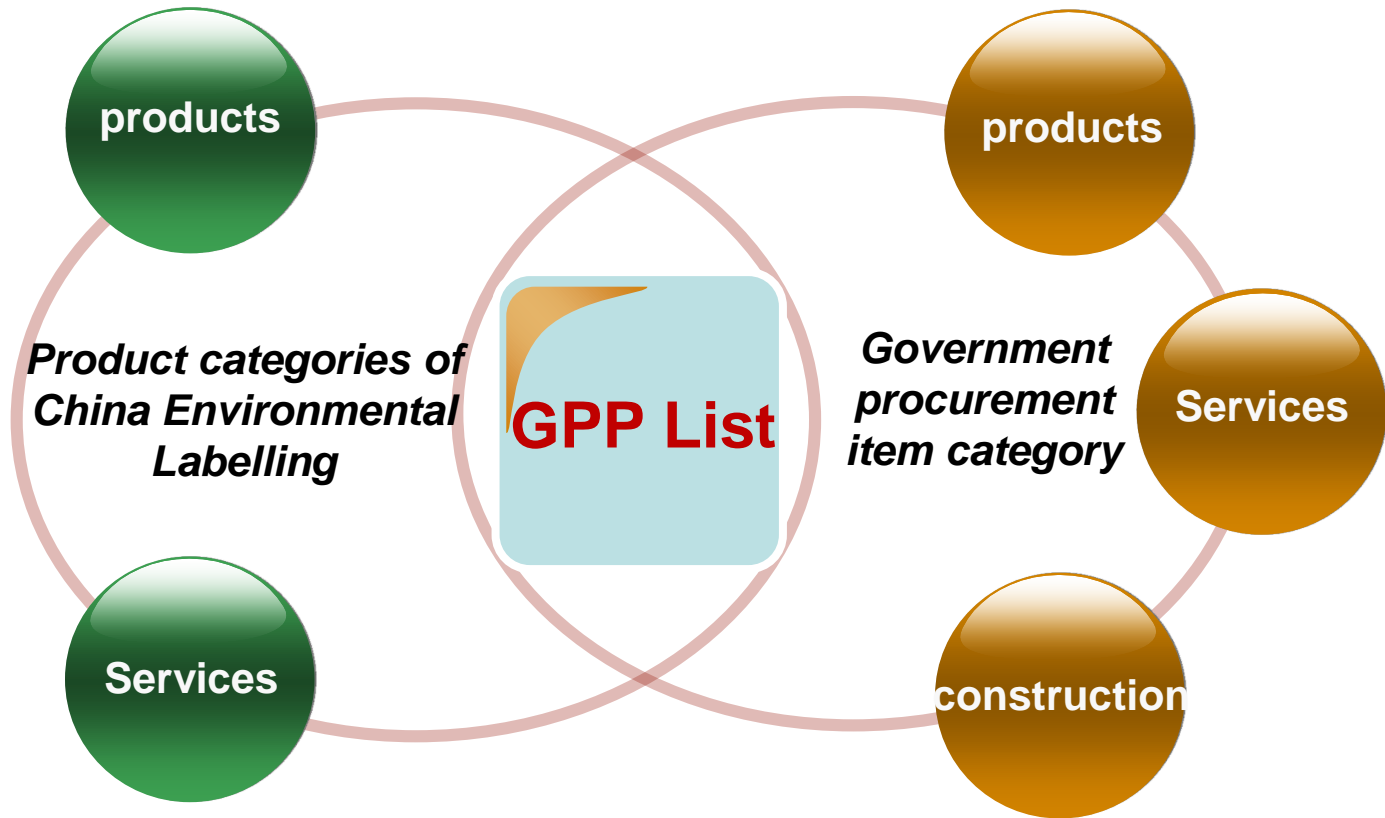
China Environmental Labelling improved enterprise's environmental consciousness, regulated enterprise's environmental behaviors, supported GPP, guided green consumption in the whole society by market means.

Based on the demands of green procurement, the government will force Supply-side structural reform, lead green production and fully play policy function of public procurement.





China GPP





China GPP

A020101
Computer and software

A020106
In out devices

A020201
duplicator

A020203
Multifunctional devices

A020305
Car

A020306
Bus

A020307
Special vehicle

A020618
Household appliance

A020810
Fax and data communication equipment

A020910
Television

A060101
Steel wooden bed

A060104
Wooden skeleton

A060199
Other bed

A060201
Steel wooden table

A060205
Wooden table

A060301
Chair based metal skeleton

A060302
Chair based wooden skeleton

A060399
Other chairs

A060402
Sofa based wooden skeleton

A060501
Filing cabinet

A060599
Other cabinets

A0606
Frames

A0607
Screen

A060804
Pool

A060805
Toilet stool

A060806
Water faucet

A0609
Fitting of furniture

A0699
Other furniture

A090101
Copy paper(including recycled)

A090201
Toner cartridge(including recycled)

A100203
Artificial board

A100204
Two processing material related plate

A100304
Fiber reinforced cement products

A100305
Light building materials and products

A100307
Building ceramic products

A100309
Waterproof rolling materials and its products

A100601
Functional building materials

A100602
Wall coating

A100604
Waterproof coating

A100699
Other building coating

A100702
Windows

A170108
Coating excepting building coating

A170112
Packing for seal and similar articles

A180201
Plastic products

A10030102
Cement

A02061908
Lighting source

A02010103
Servers

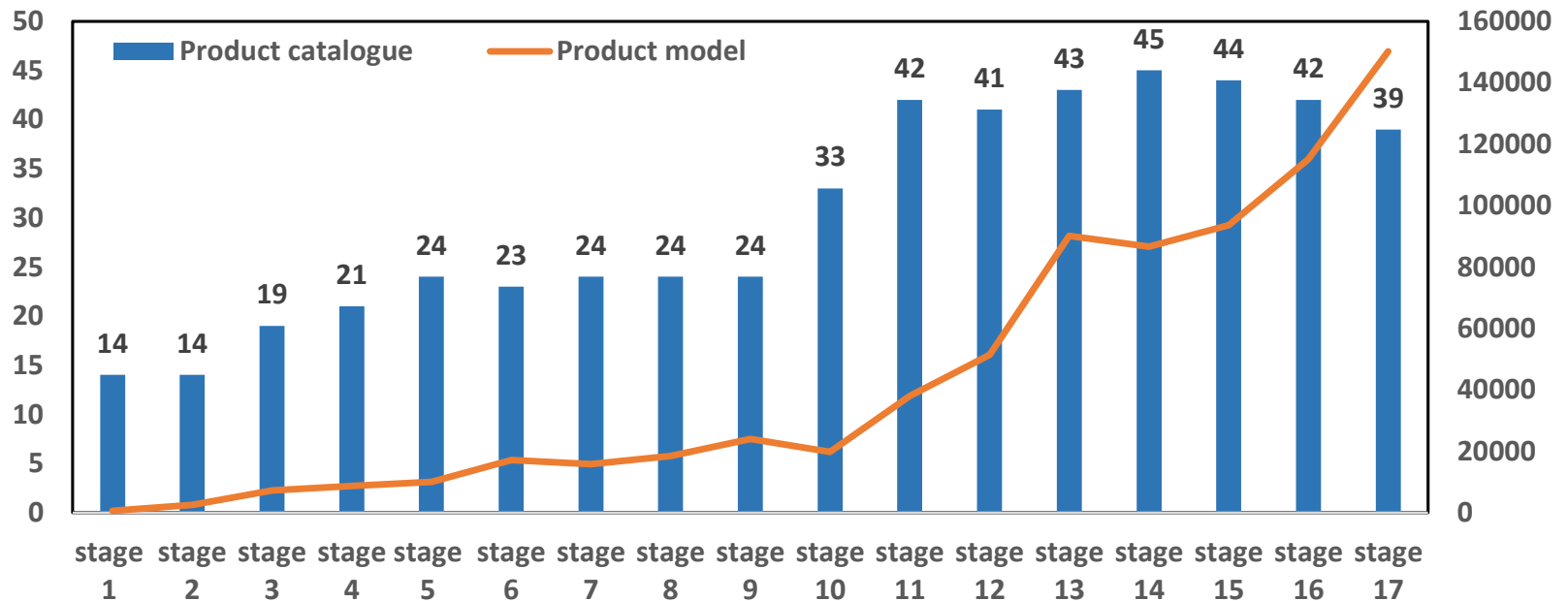
A0201060901
Scanner

A0070101
Cotton, chemical fiber textile and printing materials



China GPP

In the past 10 years of GPP implementation, total 17 GPP lists had been issued by MOP and MEP jointly, and 44 product categories are related including car, personal computer, copier, printer, IT equipment, paint, furniture, plates and other building materials and solar energy products etc.



the product category and model variation list



China GPP



GPP can bring huge environmental benefit. Assumed the government purchases 10000 printers and 10000 laptops those in the GPP list products per year, it will reduce dust 430t, CO₂ 1575t, SO₂ 47t, and NO_x 23.7t. However, the actual purchase amount and category are far more than this.





Next steps

- To develop policy research on GPP
- To research and monitor GPP performance
- To establish products database of GPP
- To strengthen international communication



CEC

Thanks!

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www.cgpn.org

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Q & A Session





Thank you!

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