

Green Public Procurement of Korea

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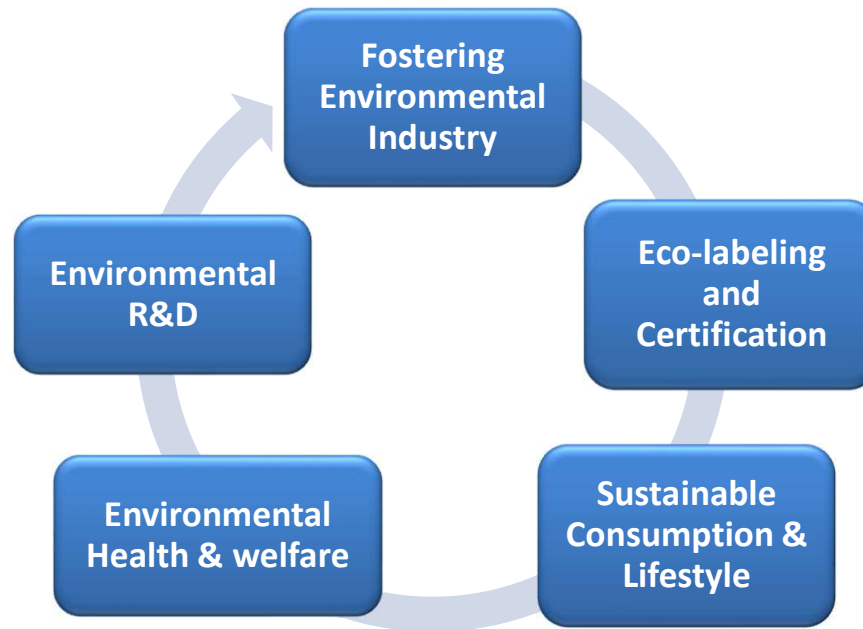
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Korea Environmental Industry & Technology Institute

- 🌿 **KEITI** is a quasi-government organization affiliated with Korea Ministry of Environment
- 🌿 **Our Mission** is to contribute to sustainable development through developing eco-technology, fostering environmental industry, safeguarding environmental health, and promoting eco-friendly consumption & lifestyle
- 🌿 **Work Areas**



Part 1

Legal and Policy Framework





K-SDGs and GPP

- **K-SDGs, Korean Sustainable Development Goals** developed by KMOE in cooperation with line ministries, NGOs and experts in Dec 2018
- **Vision:** Inclusive and Sustainable Nations
- **5 Strategies:** Inclusive Society, Environmental Conservation, **Economic Growth that improves quality of life**, Human Right and Peace, Global Cooperation
- **17 targets** (Target 12. Sustainable Consumption and Production)
- **12.7 target** : the percentage of green public procurement rate (35.2% in 2017 -> 70% by 2030) and the number of eco-labeled products in consumer goods (59 in 2017 -> 73 by 2030)

SCP policies in Korea

2006

- **1st Action Plan for Promoting Purchase of Green Product** (2006-2010)
 - Support establishing Ordinance and expand target institutions
 - Reflect GPP plan and record to the performance evaluation
 - Designate the person in charge of Green Procurement

2011

- **2nd Action Plan for Promoting Purchase of Green Product** (2011-2015)
 - Raise awareness on sustainable lifestyle and boost green consumption among general consumers

2016

- **3rd Action Plan for Promoting Purchase of Green Product** (2016-2020)
 - Expand a diversity of green products and enhance international cooperation

2021

- **4th Action Plan for Promoting Purchase of Green Product** (2021-2025)
 - Transform every aspect of our lives to eco-friendly lives
 - Reflect K-Green New Deal agenda to our policies

Act on Promotion of Purchase of Green Products (GPP Act)

- Launched **Korean Eco-label programme in 1992**
 - Initiated by MoE, based on Regulations on operation of Eco-labelling programme
- Enforced the **Act on Encouragement of Purchase of Environment-friendly Products** in 2005 (Renamed as the Act on Promotion of Purchase of Green Product in 2012)
 - Obliges public institutions to **mandatorily purchase green products; develop and submit GPP plans and performance records**
 - Provides a legal ground to **establish Korea Eco-product Institute (former KEITI)**
- **Public institutions'**(approx. 30,000) **obligation**
 - Purchase green products
 - Submit and publish an implementation plan for GPP with self-defined targets and performance records on an annual basis
 - Definition of Green Products

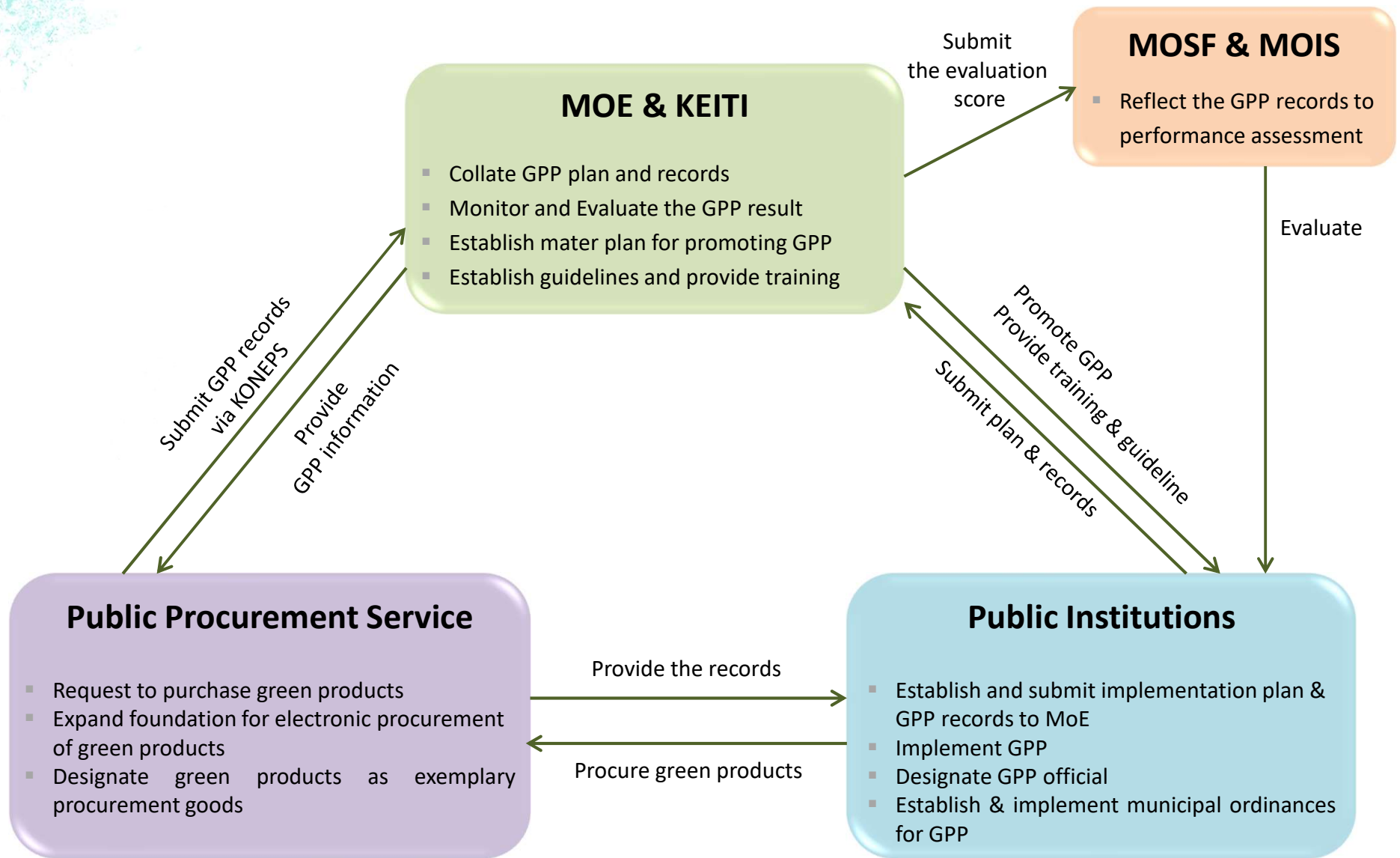


Part 2

Implementing mechanism



Working mechanism of GPP in Korea




Non-exhaustive list of Green Products



15,081 products supplied by 3,953 companies under 165 product categories (As of May 2019)

<p>Office Equipment and Supplies</p> 	Office Equipment	Label paper	Document file	Copying paper	Toner cartridge	Writing materials
						
<p>Electric and Electronic Equipment</p> 	TV	Air Conditioner	Projector	DVD player	Computer	
						
<p>Consumable supplies and etc.</p> 	Toilet paper	Detergent	Cleanser	Garbage bag	Disposable product	
						

Non-exhaustive list of Green Products

<p>Furniture and Equipment</p> 	<p>Office furniture</p> 	<p>Chair</p> 	<p>Chair table</p> 	<p>Water-saving device</p> 	<p>Drainage pipe</p> 
<p>Engineering and Construction Materials</p> 	<p>Pavements</p> 	<p>Paper wallpaper</p> 	<p>Wall finishes</p> 	<p>Aluminum doors and windows</p> 	<p>Aggregate</p> 
<p>Engineering and Construction Materials</p> 	<p>Flooring</p> 	<p>Paint</p> 	<p>Insulation</p> 	<p>Adhesive</p> 	<p>Sound insulating wall</p> 

GPP Support Measures

Green Products Information Platform

- Main source of information for GPP in Korea
- Catalogue of green products updated every month
- GPP guidelines, Best practices, and GPP results reports
- Website : <http://www.greenproduct.go.kr/>



Sharing Best Practices

- Annual workshops to exchange best practices

GPP Guidelines and Training

- (Guidelines) Purpose, legal basis, target org., working mechanism of GPP
- Standard Ordinance for local and provincial government(2006)→ 99% of local and provincial gov. follow
- Annual nationwide training offered from November to December/ March every year

Financial Incentives

- GPP as a part of performance indicators of local gov., (local) public enterprise and public org.
- Based on the annual GPP records
- KEITI evaluates based on Percentage of green purchases

Part 3

Monitoring and measuring benefits



How to monitor GPP



공지사항	FAQ	수법기관 소식지
<ul style="list-style-type: none"> · 2018년도 녹색제품 ... 2018.03.22 · GR마크 인증제품 현황... 2018.03.09 · 환경표지 인증제품 현황... 2018.03.06 · <사이버환경실무고... 2018.02.28 	<ul style="list-style-type: none"> · 인종기업 회원가입 및 ... 2008.03.06 · 녹색제품정보시스템 정보... 2006.10.14 · 녹색제품의 정보를 등록... 2006.10.14 · 회원가입 시 의무구매기... 2006.10.14 	<ul style="list-style-type: none"> · 녹색구매 수법기관 소식... 2014.05.07 · 녹색구매 수법기관 소식... 2014.01.21 · 녹색구매 수법기관 소식... 2013.12.19 · 녹색구매 수법기관 소식... 2013.11.07

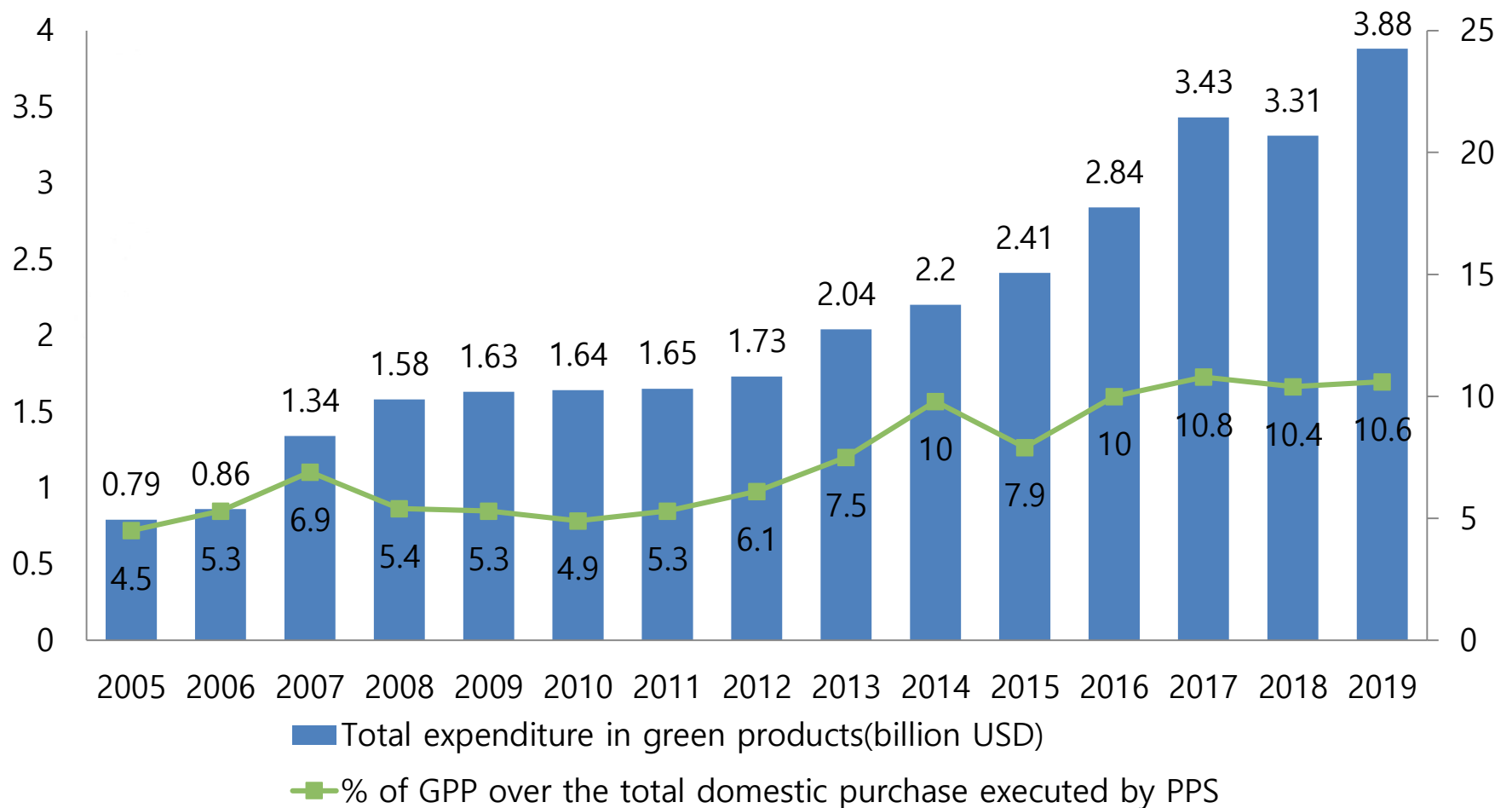


- Collate and monitor the implementation plan and record for GPP, relating with KONEPS
- Analyze the reason why public entities didn't purchase the green products
- Public institutions should justify if the green purchase record has increased from the previous year by $\geq 50\%$ or decreased by $\leq 30\%$

Monitoring Results of GPP in Korea

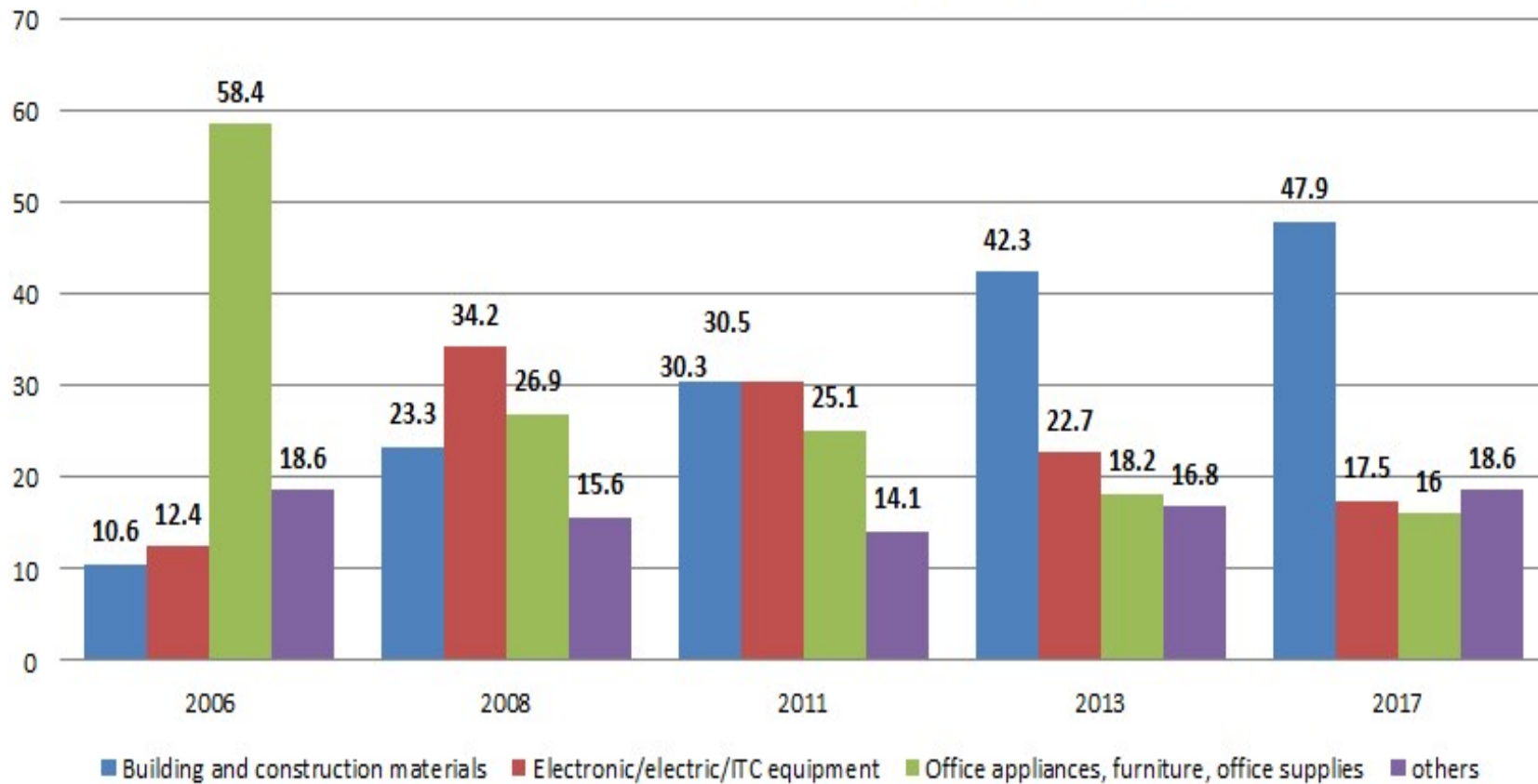
Expenditures in green products

- Korea's GPP recorded around 3.88 billion USD in 2019 which has increased more than 4.2 times compared to the one of 2005.



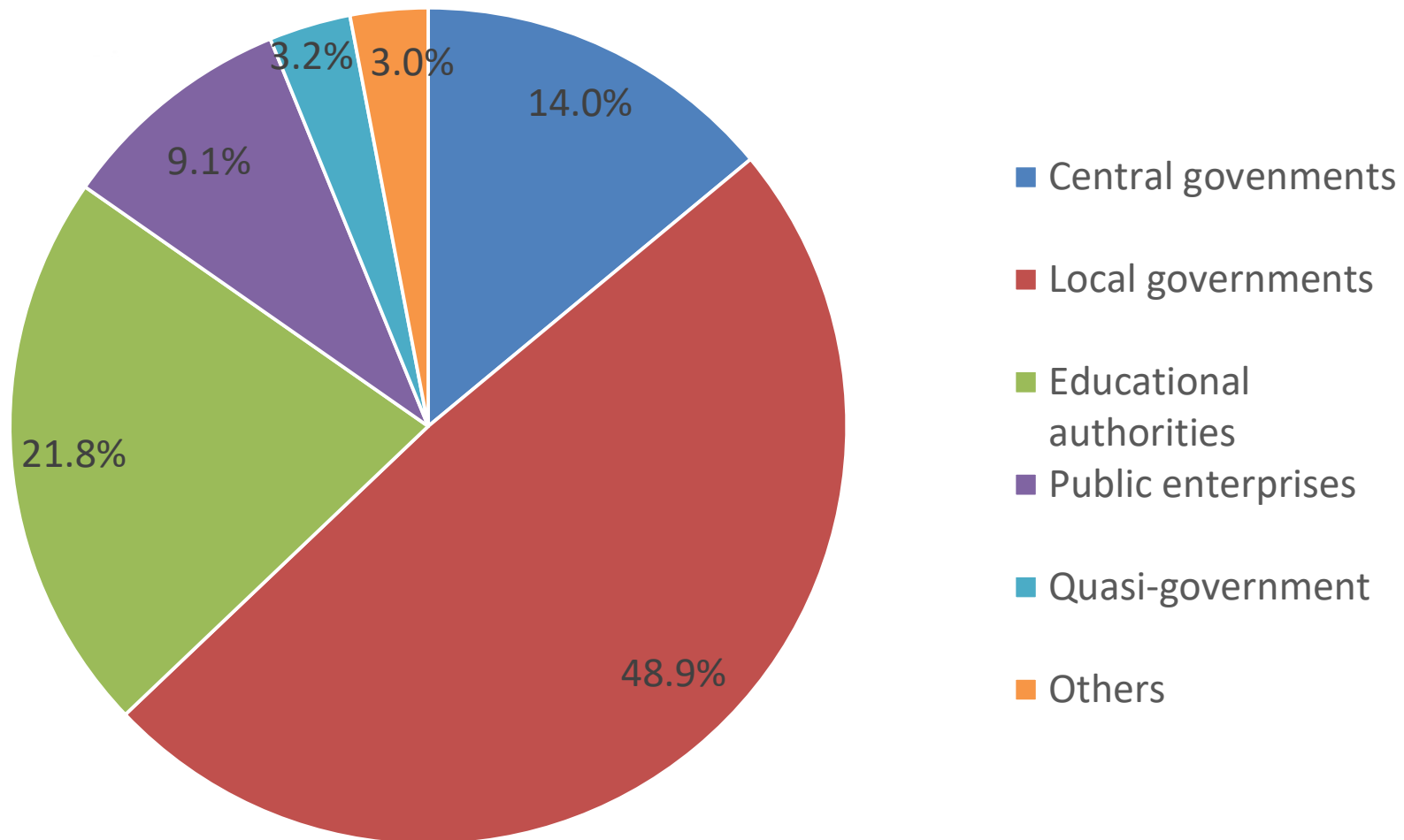
Monitoring Results of GPP in Korea

Composition of GPP by product groups by year (unit: %)



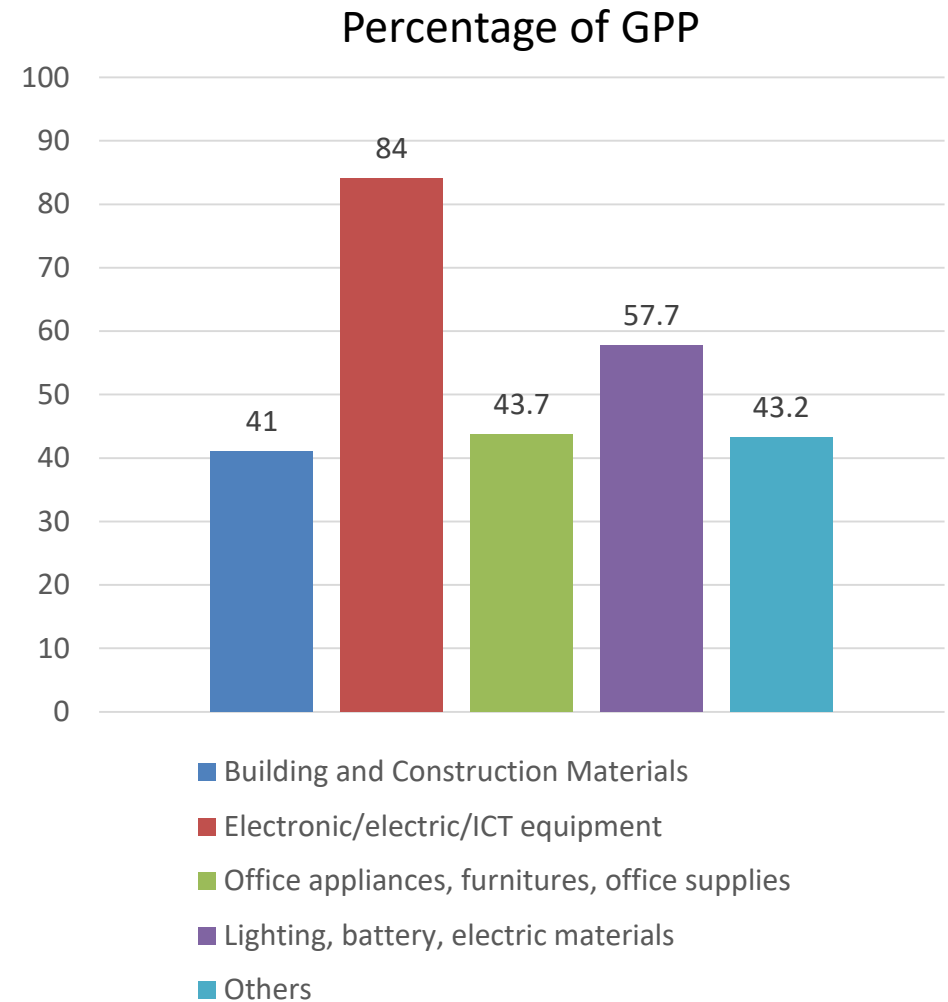
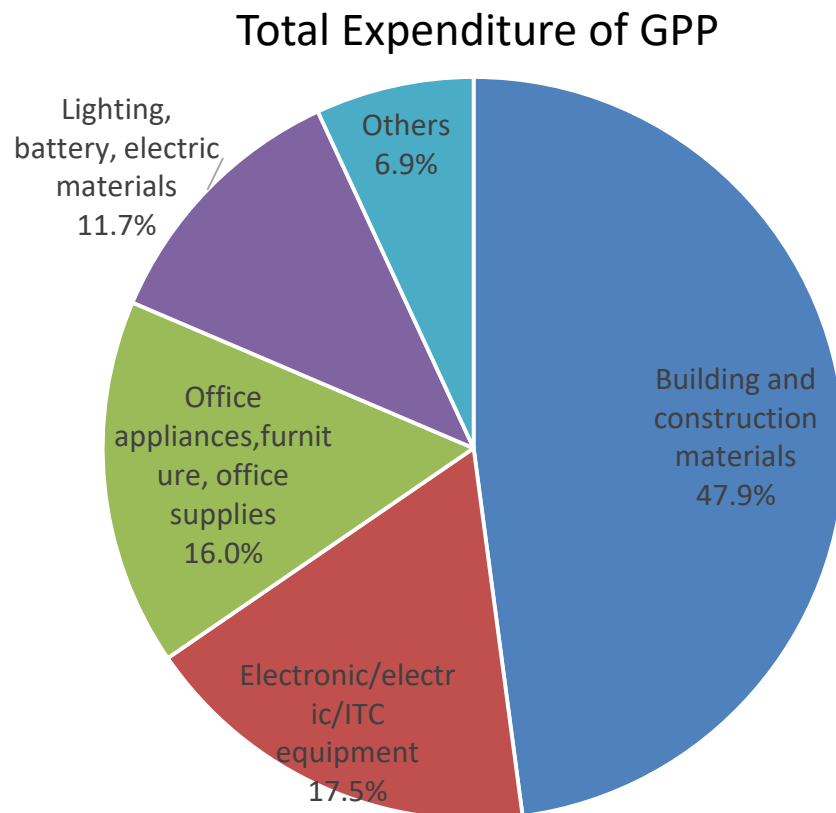
Monitoring Results of GPP in Korea

Composition of GPP by Organizations in 2017 (%)



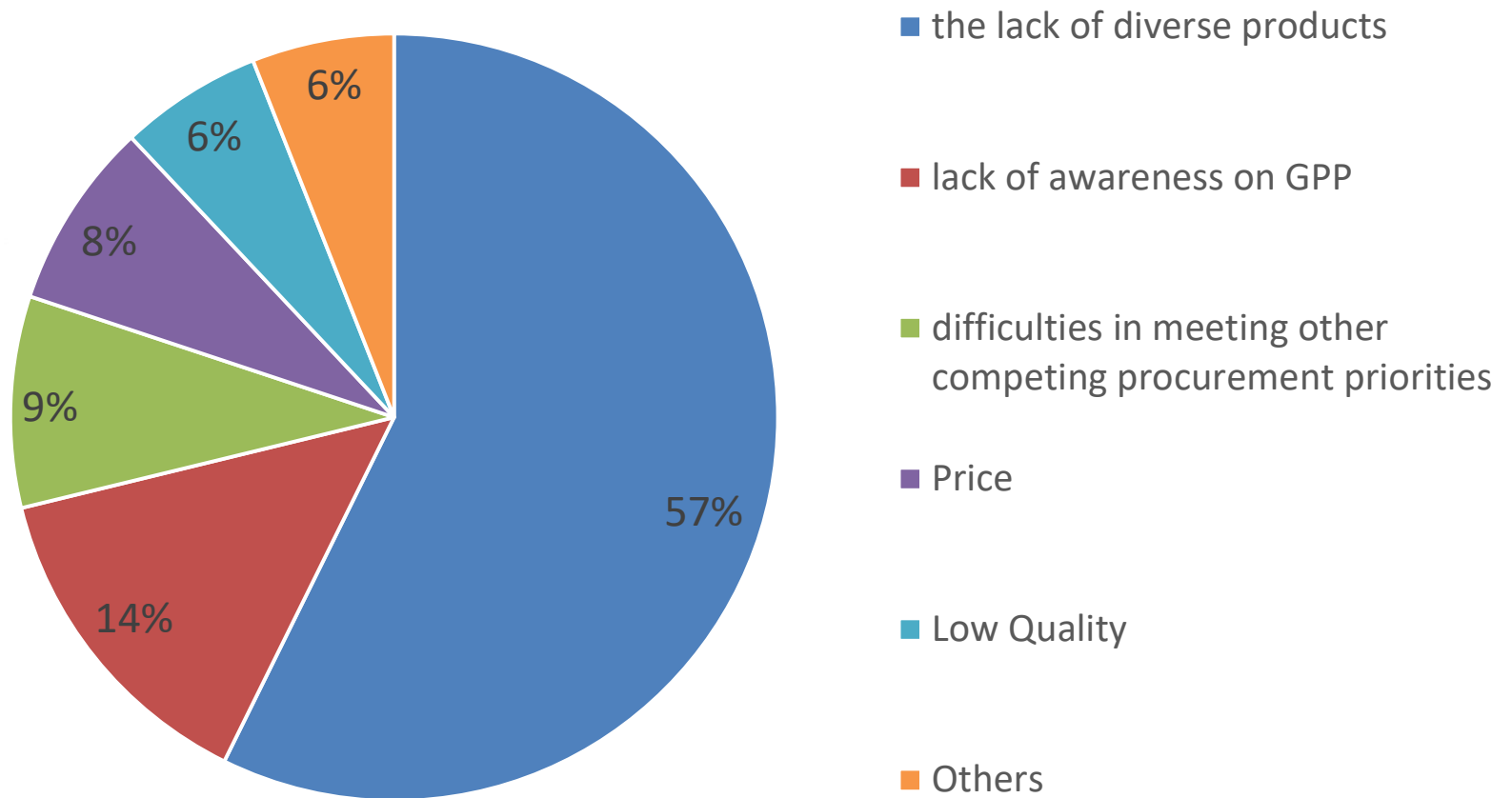
Monitoring Results of GPP in Korea

Composition & Percentage of GPP by Product Groups in 2017 (%)



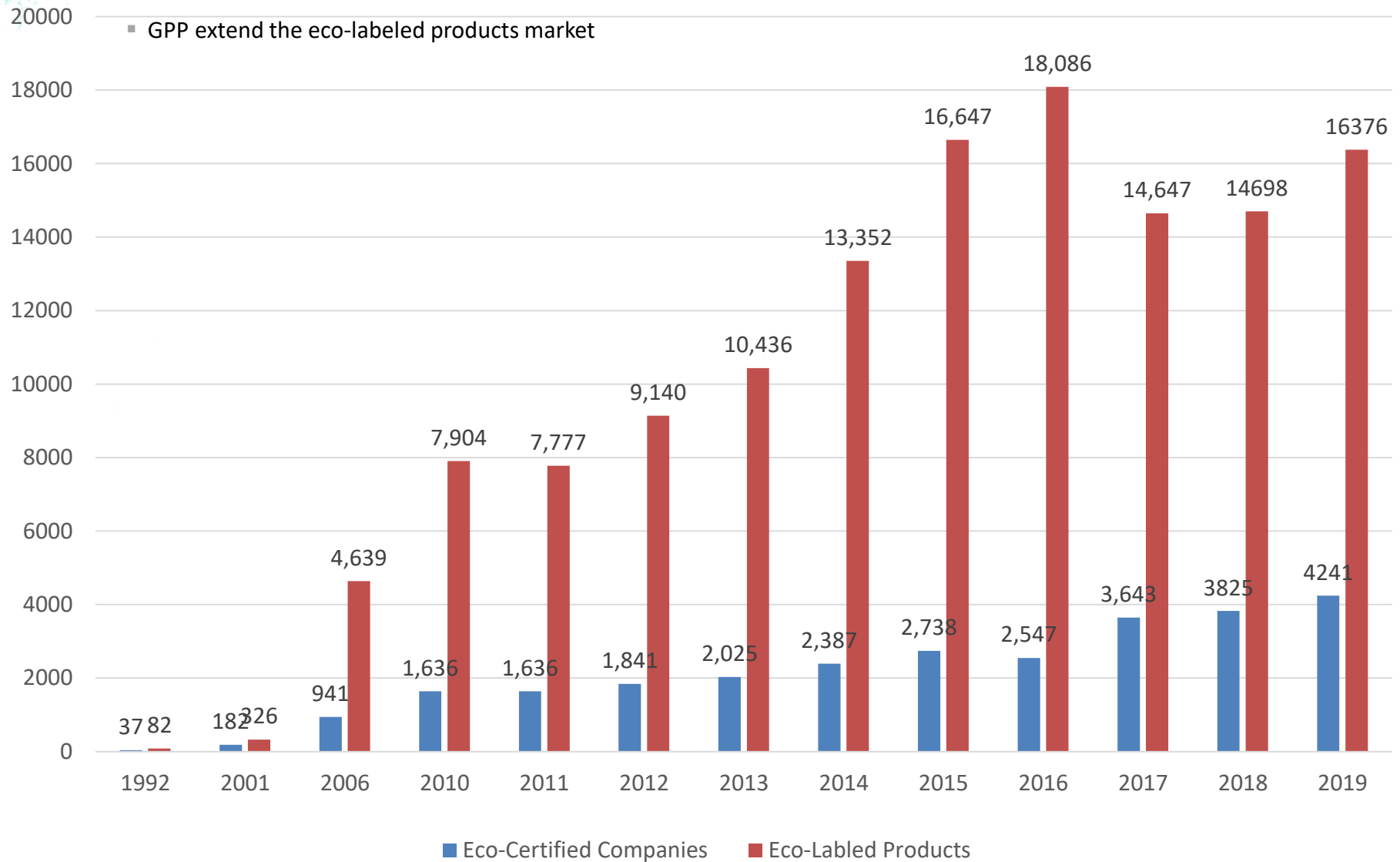
Survey Results on the **obstacles to GPP**

- KEITI conducted survey on the obstacles hampering GPP with around 5,000 procurers via Green Product Information System in 2018



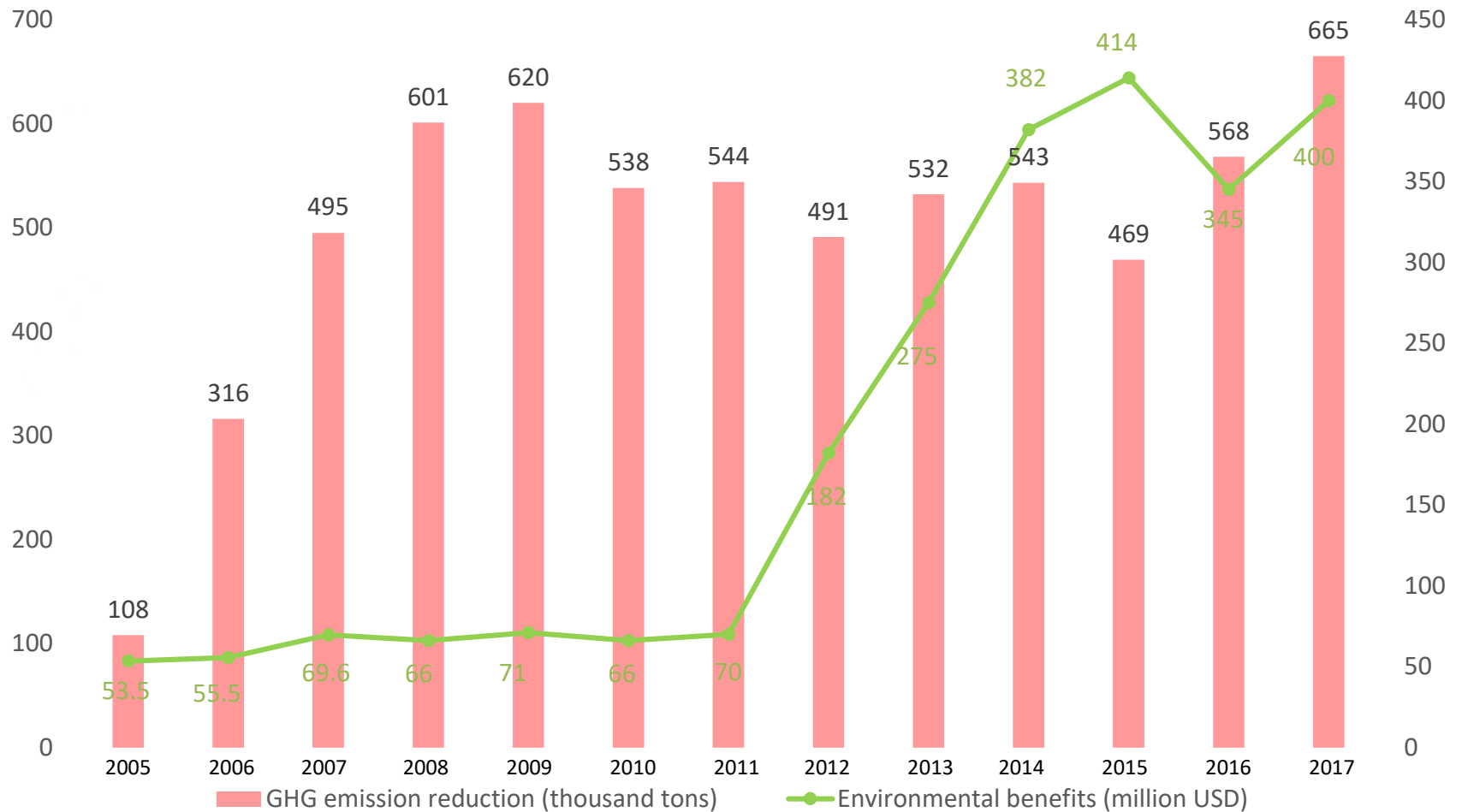
Sustainability Impacts of GPP in Korea

Growing market for eco-labeled products



Sustainability Impacts of GPP in Korea

Environmental Impacts



Reviews on GPP in Korea

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RESPONSIBLE
CONSUMPTION
AND PRODUCTION



Ensure sustainable consumption
and production patterns

I. SUMMARY

The region has regressed on sustainable consumption and production (SCP) and urgently needs to reverse material consumption and footprint trends to meet the goal, notwithstanding progress on individual targets. Rising incomes and lifestyle changes and continued resource-intensive growth patterns are expected to further exacerbate resource depletion and ecosystem degradation. Concerted public and private action is needed to increase resource efficiency, fundamentally shift consumption patterns and production processes, improve waste management systems, and transition toward a more circular economy approach.

GPP of Korea was introduced as a best practice to support SDG Goal 12 during the 5th Asia-Pacific Forum on Sustainable Development on 28th March 2018 in Thailand

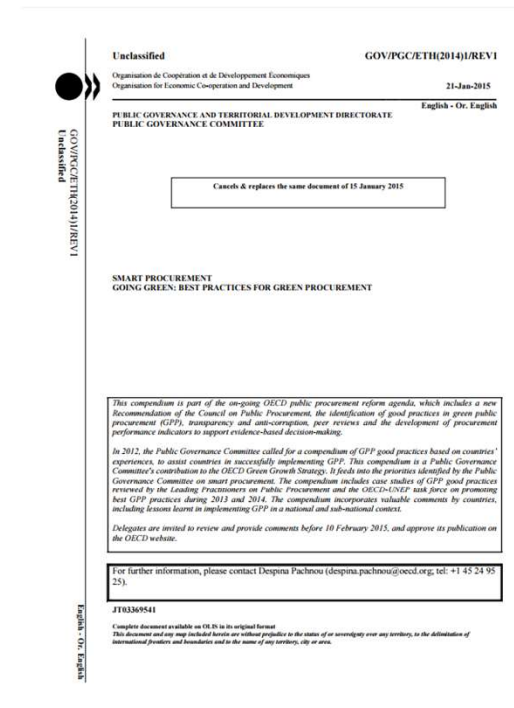
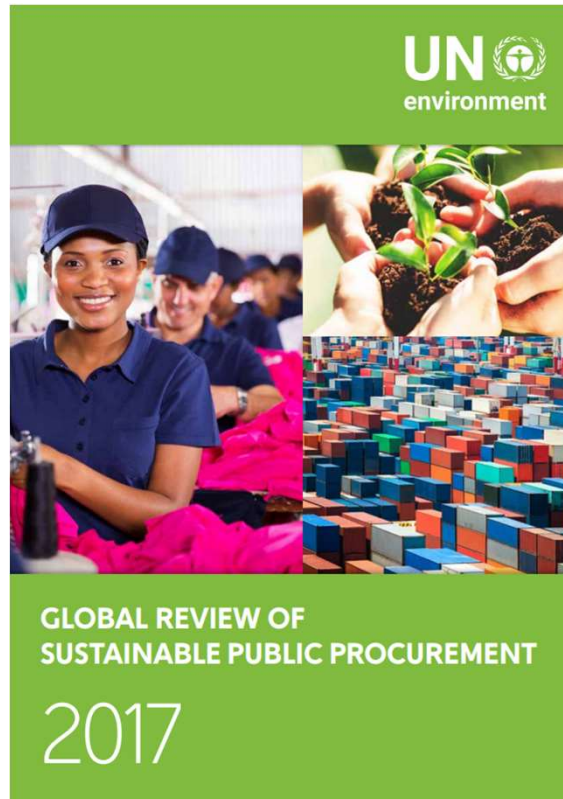
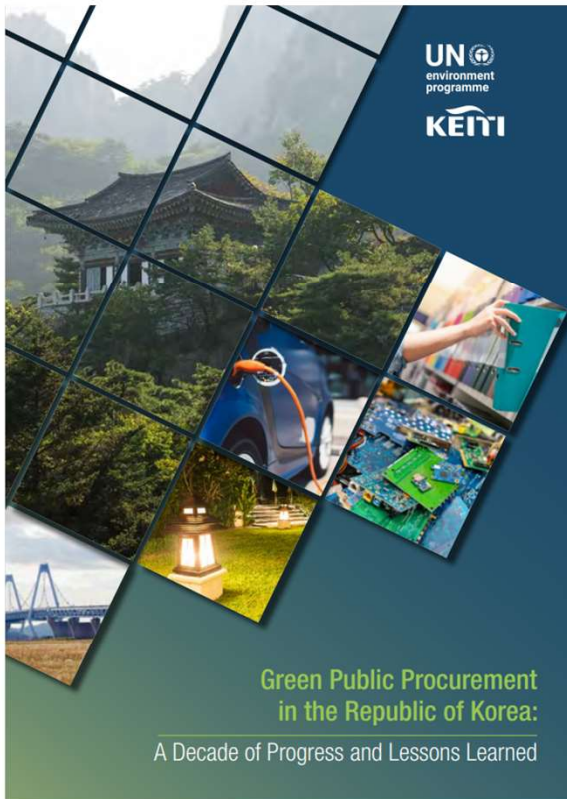
III. PROMISING INNOVATIONS AND BEST PRACTICES

Green public procurement to leverage sustainable development in Korea

The Ministry of Environment, in collaboration with the Korea Environmental Industry and Technology Institute and the Korean Public Procurement Services, introduced several initiatives including: the development of green public procurement guidelines, the introduction of the Korea Eco-label, the establishment of a Green Products Information Platform for purchasers, and a nation-wide online monitoring system. State organizations are required to submit a yearly implementation plan on green purchase and annual performance records to stimulate public demand and a green market. In 12 months, the total public expenditure in green purchase more than tripled to KRW 787 billion KRW (USD 787 million) in 2005. The number of products certified by the Korea Eco-Label nearly quadrupled in 2012 since 2004³⁴.

Other Sources on GPP in Korea

Case Studies and Awards on GPP in Korea



Part 4

Way forward



Success factors and Challenges



Success factors

- Clear legal and policy framework for GPP
- GPP criteria based on Eco-labelling
- Well-established e-procurement system to allow easier monitoring
- Financial and reputational incentives
- Roles of division between MOE and PPS



Challenges

- Different SPP procurement regulations are competing
- Lack of awareness and/or frequent changes of public procurers
- Lack of policy commitment by the head of organizations

Way forward

- 🍃 **Raise political profile of GPP** through public outreach
- 🍃 Provide **in-depth technical assistance** tailored made to the organization
: Expenditure analysis → Provide solutions for GPP improvement → implementation of the solutions → monitoring and communication results
- 🍃 **Engage and support suppliers** to increase capacity to supply green products
- 🍃 **Identify obstacles and come up with solutions** to promote GPP per **priority product groups**
- 🍃 Contribute to **delivering the SDGs target 12.7(SPP) in Asia-Pacific region**

Thank You very much!

