



Sustainable and Green Procurement for Circular Economy

Principles and good practices of green public procurement

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Courtyard Marriot
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Background and main takeaways of the 2022 Sustainable Public Procurement Global Review

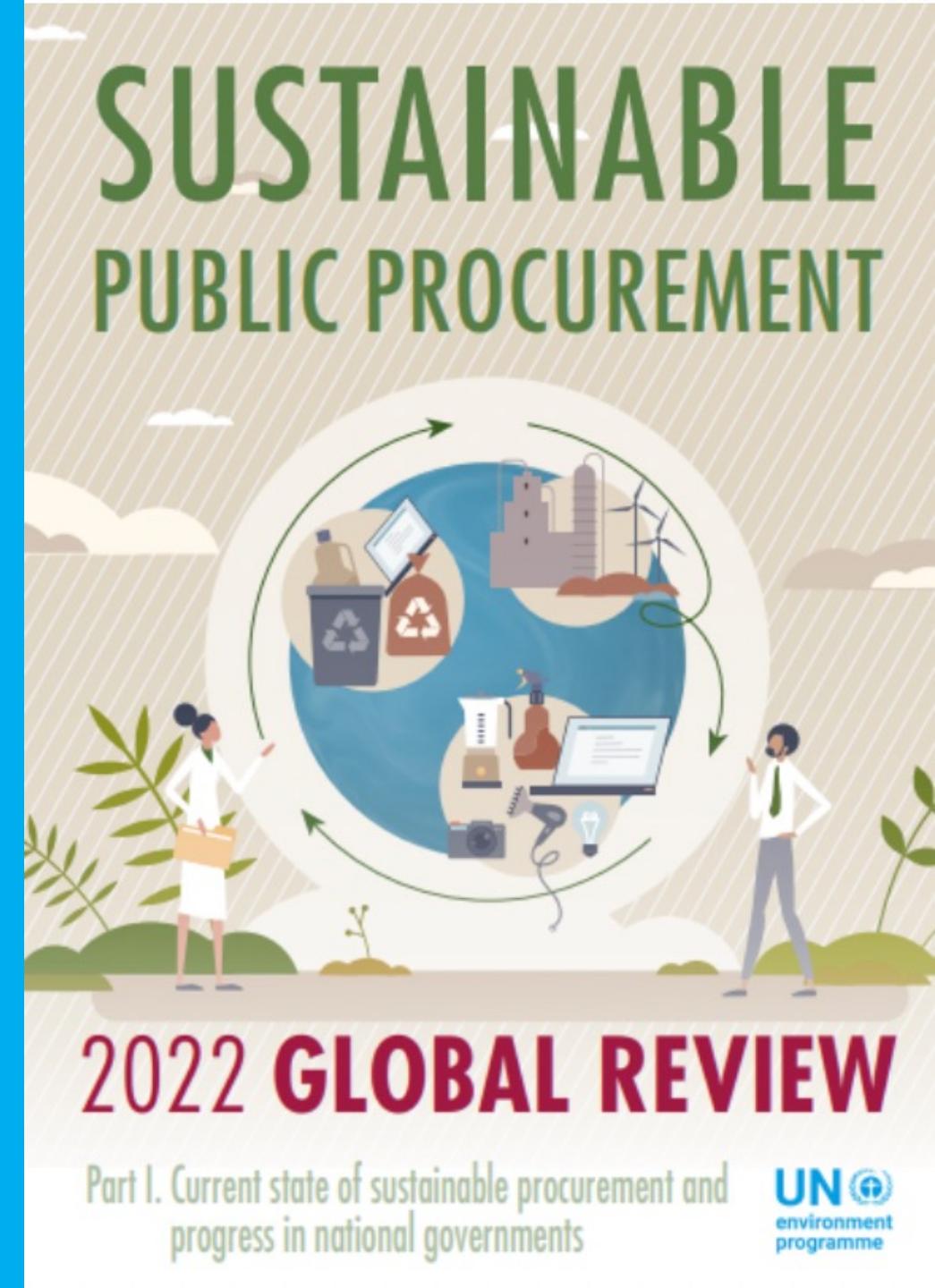
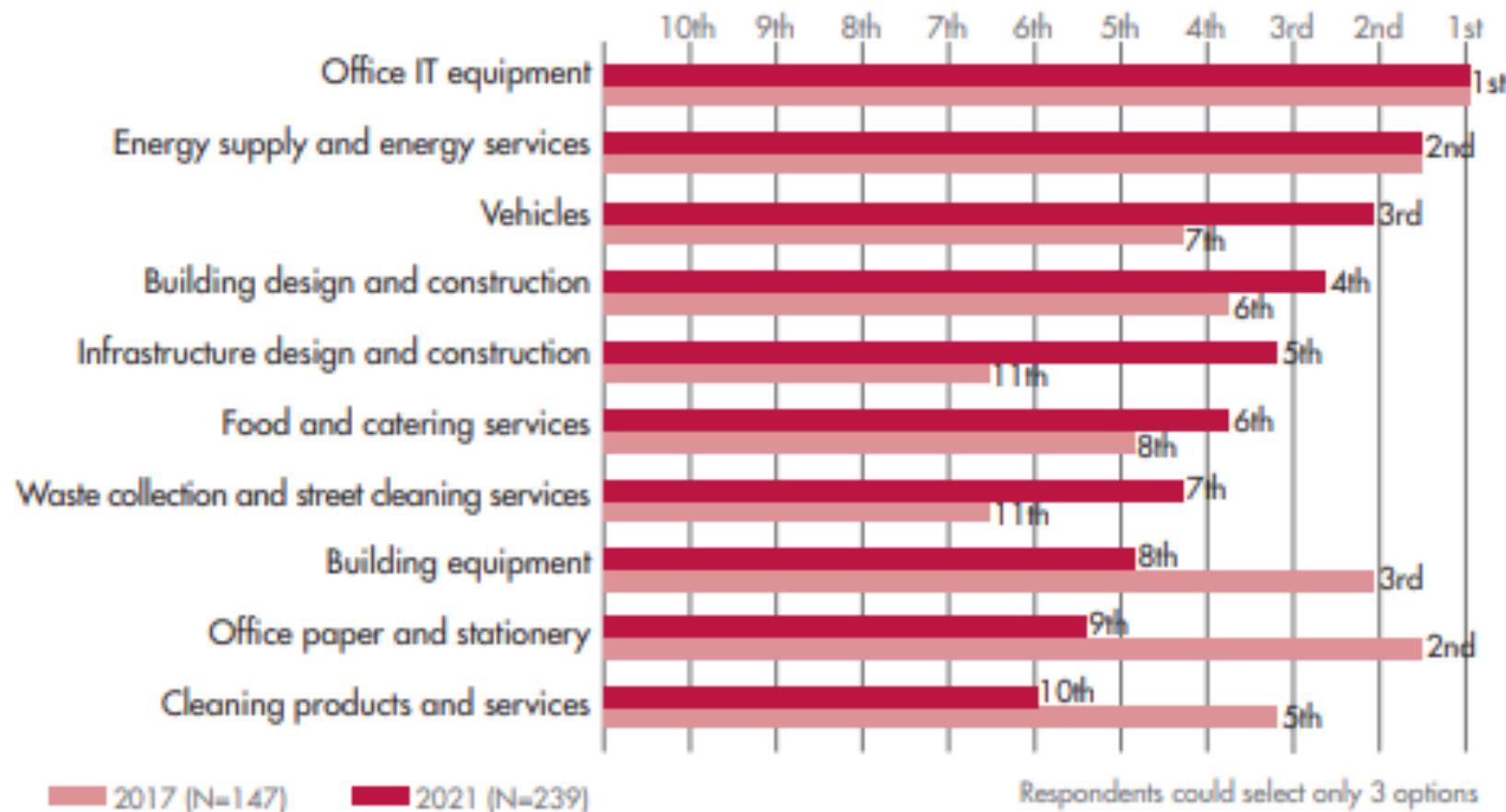


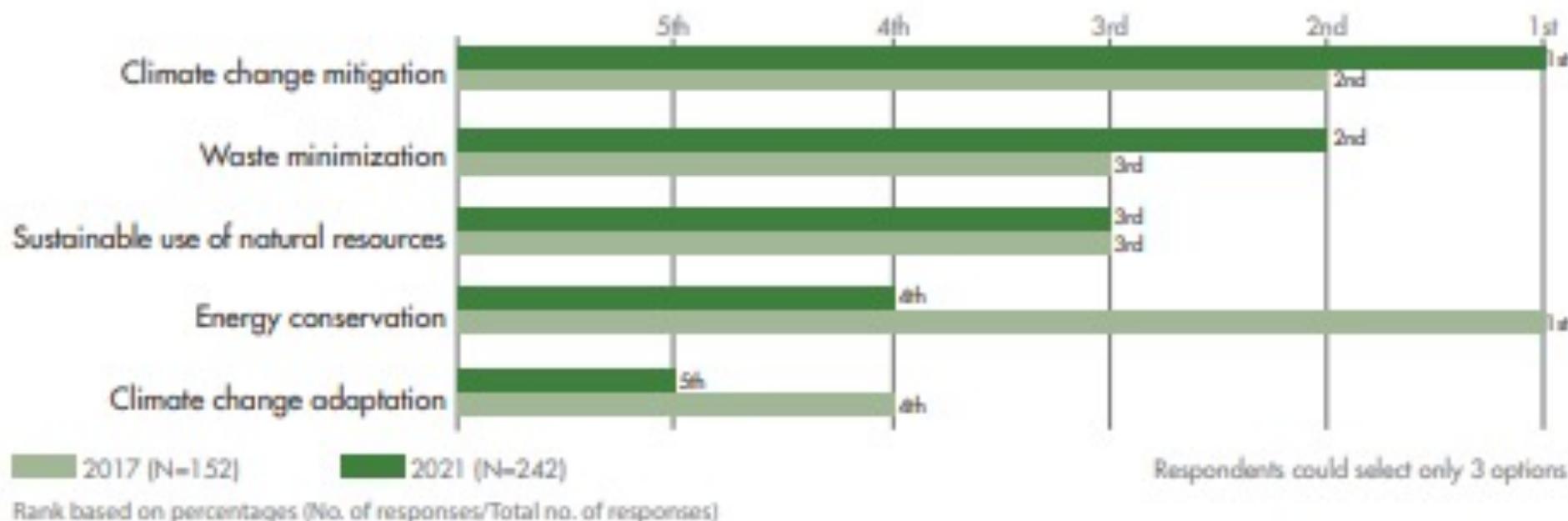
Figure 2.14. Priority product and service categories for applying SP practices according to survey participants ranking, 2017 and 2021



Rank based on percentages (No. of responses/Total no. of responses)

Source: 2017 SPP Global Review and 2021 Stakeholder Survey.

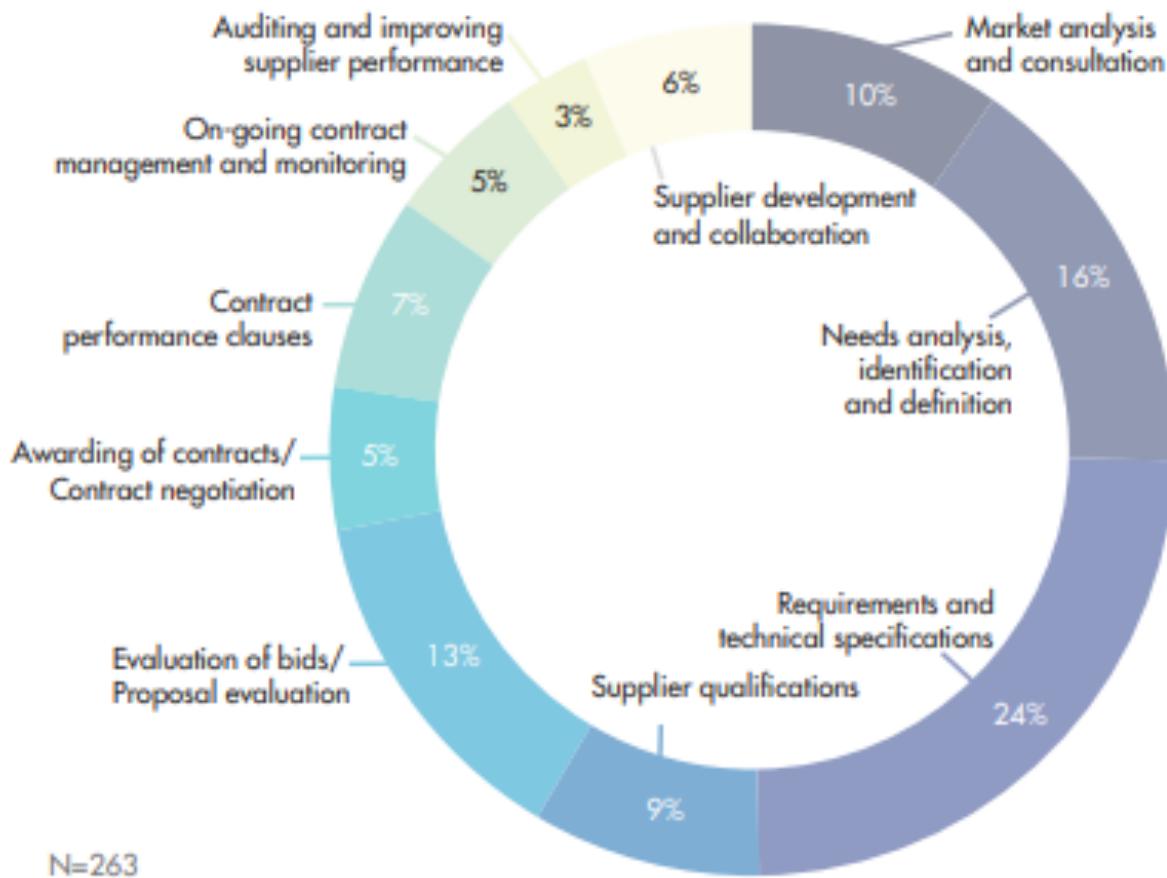
Figure 2.8. Environmental issues ranking, 2017 and 2021



Source: 2017 SPP Global Review and 2021 Stakeholder Survey.

Sustainable procurement considerations in procurement cycle

Figure 2.16. Most effective stages of the procurement cycle to introduce SP considerations



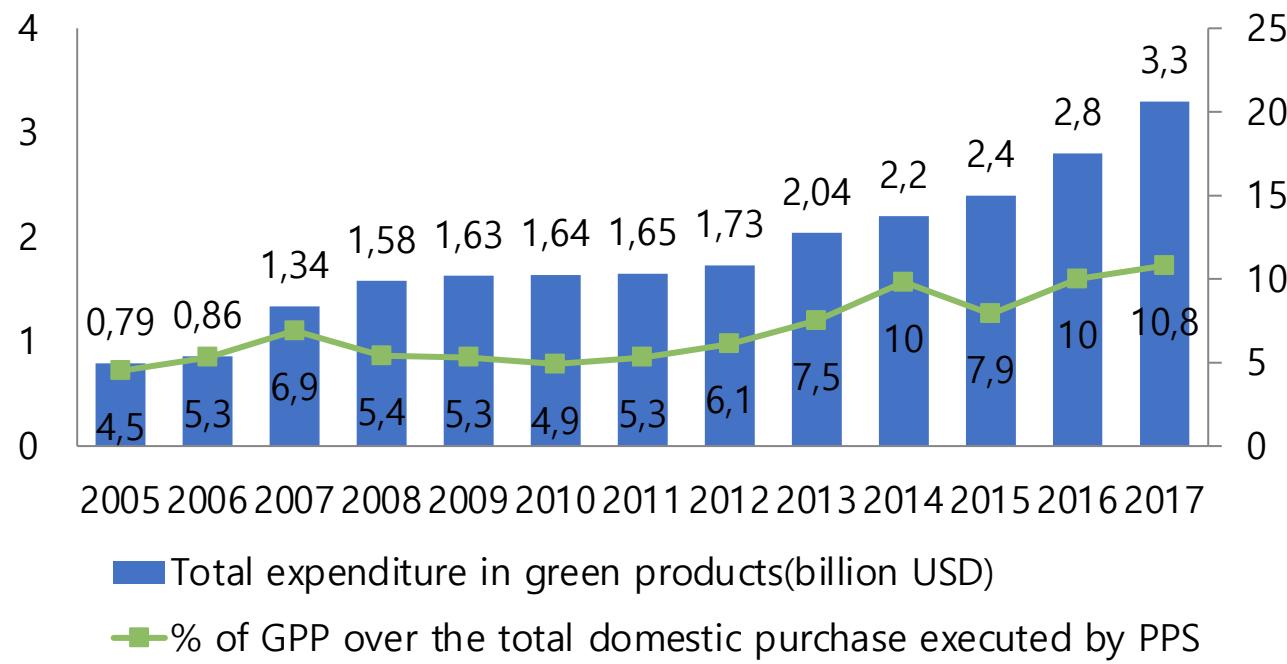
Source: 2021 SPP Global Review Stakeholder Survey.

Green Public Procurement in Korea



Expenditures in Green Products

Korea's GPP recorded around 3.3 billion USD in 2017 which has increased more than 4.2 times compared to the one of 2005.



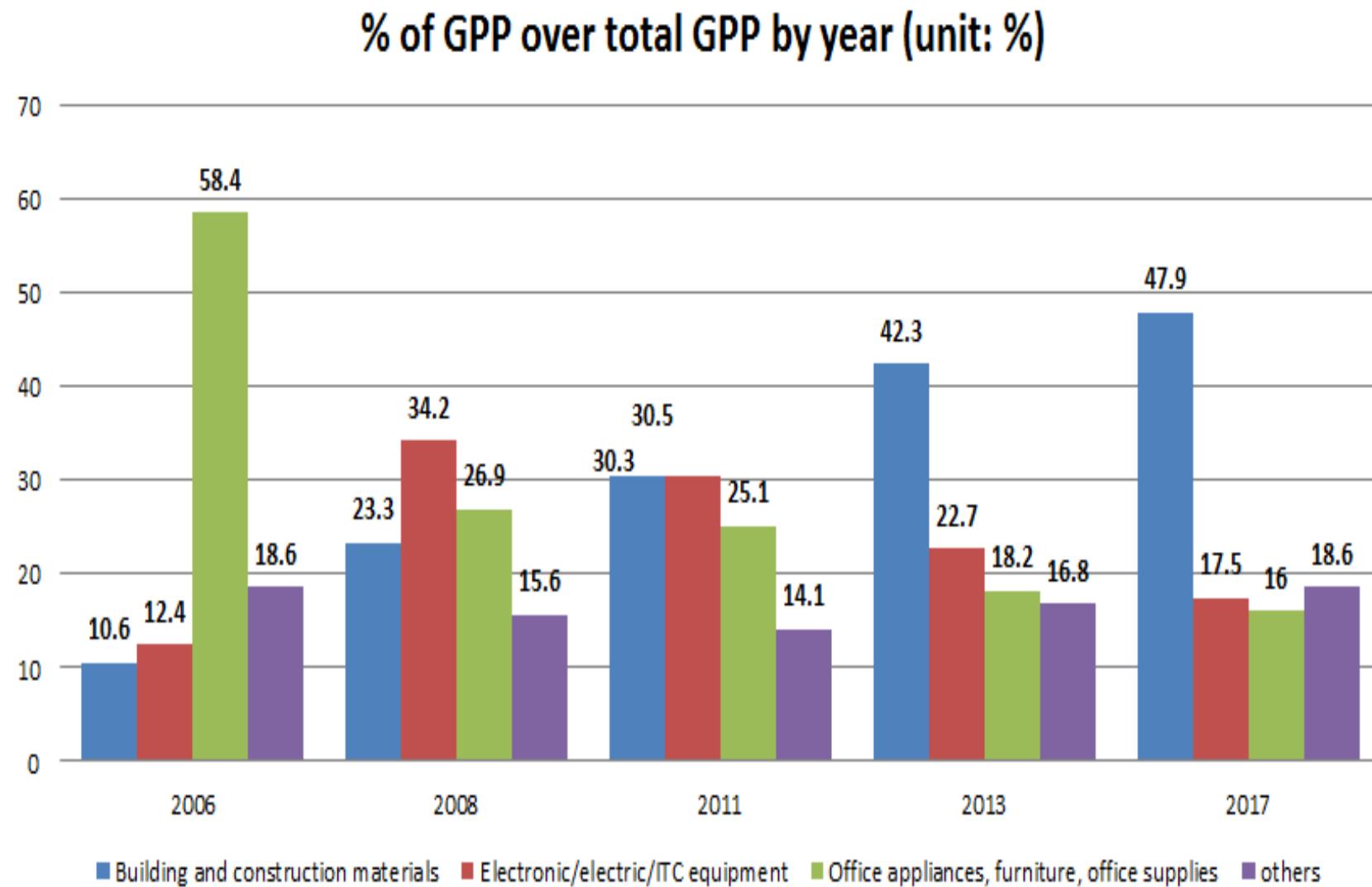
Non-exhaustive list of Green Products

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

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



Monitoring Results of GPP in Korea



GPP Support Measures



녹색제품정보 공공구매 산업계 녹색구매 나눔광장 그



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

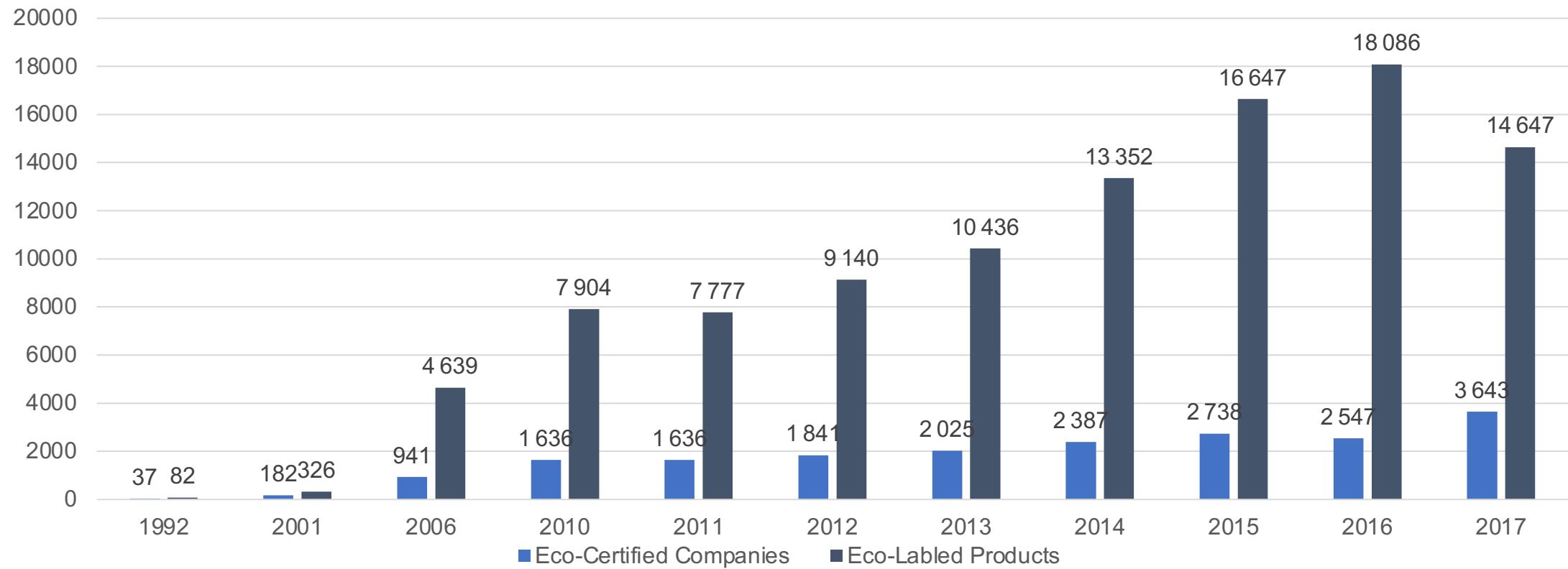
GPP Guidelines and Training

- (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

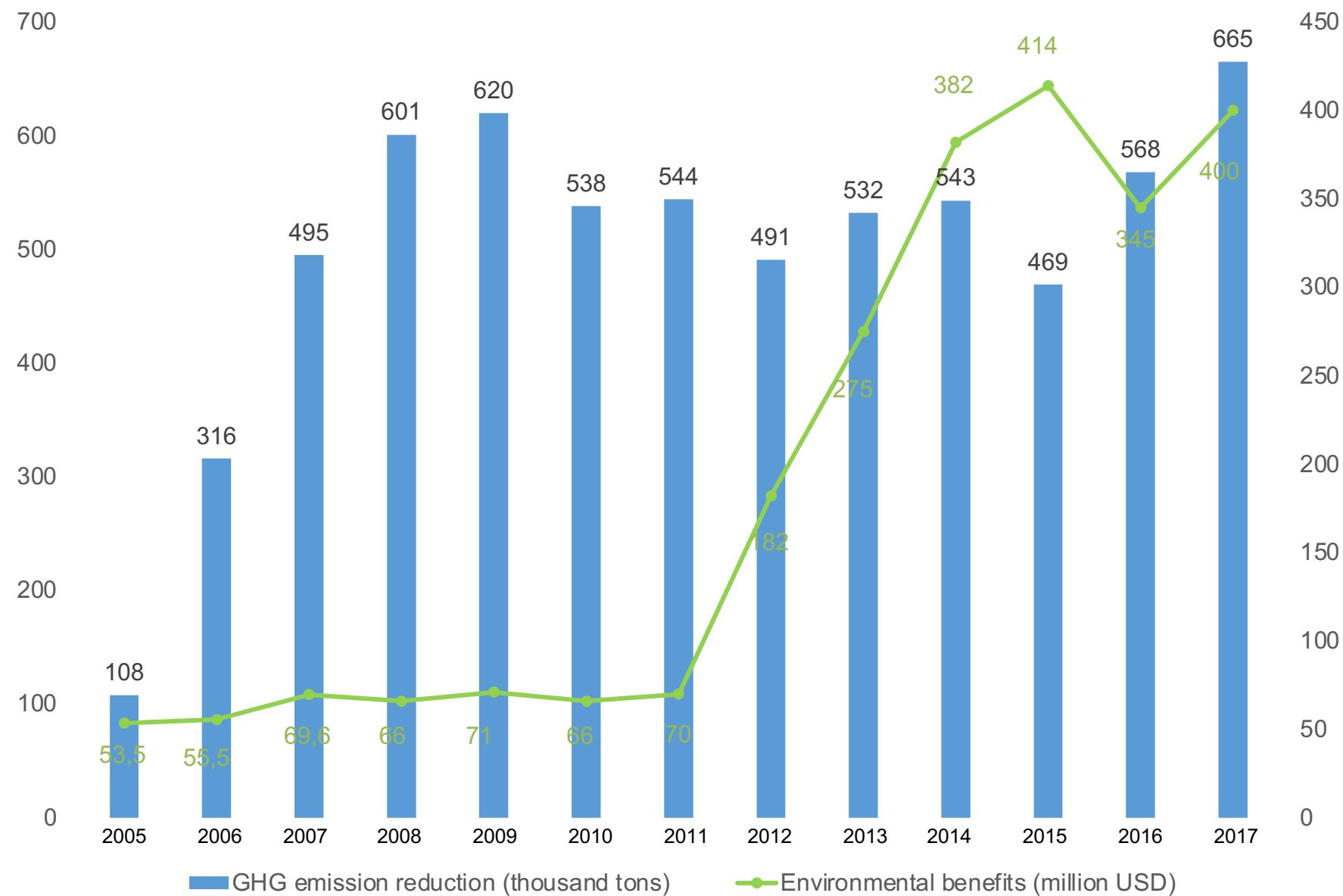
Financial Incentives

- 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

Growing market for eco-labeled products



Environmental Impacts of GPP in Korea



Success Factors



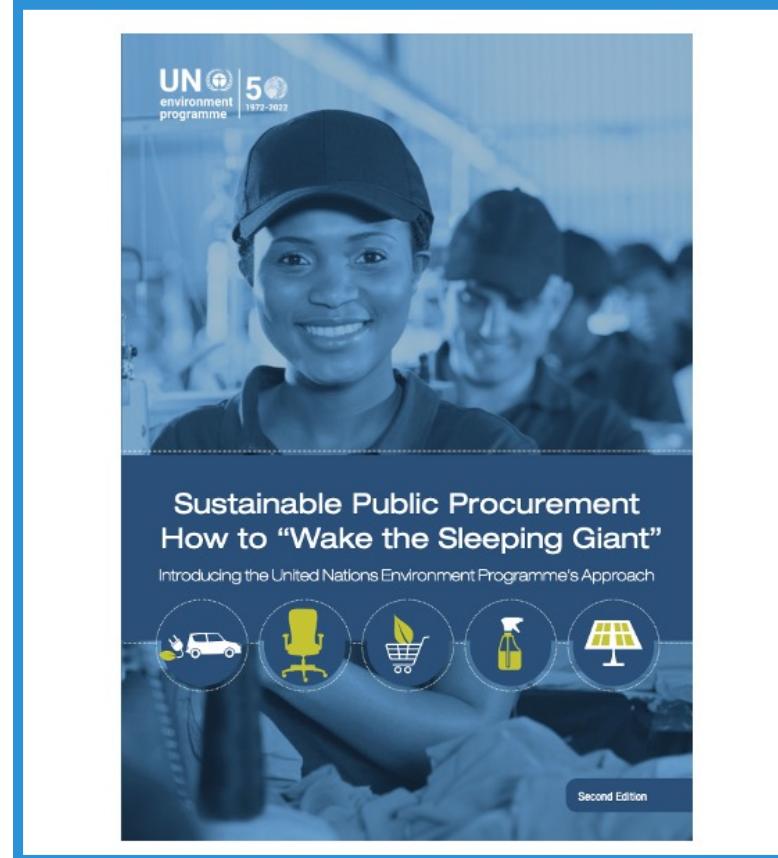
- Clear legal and policy framework for GPP
- GPP criteria based on Eco-labelling
- Well-established e-procurement system to allow easier monitoring
- Financial and reputational incentives
- Roles of division between MOE and PPS

Challenges



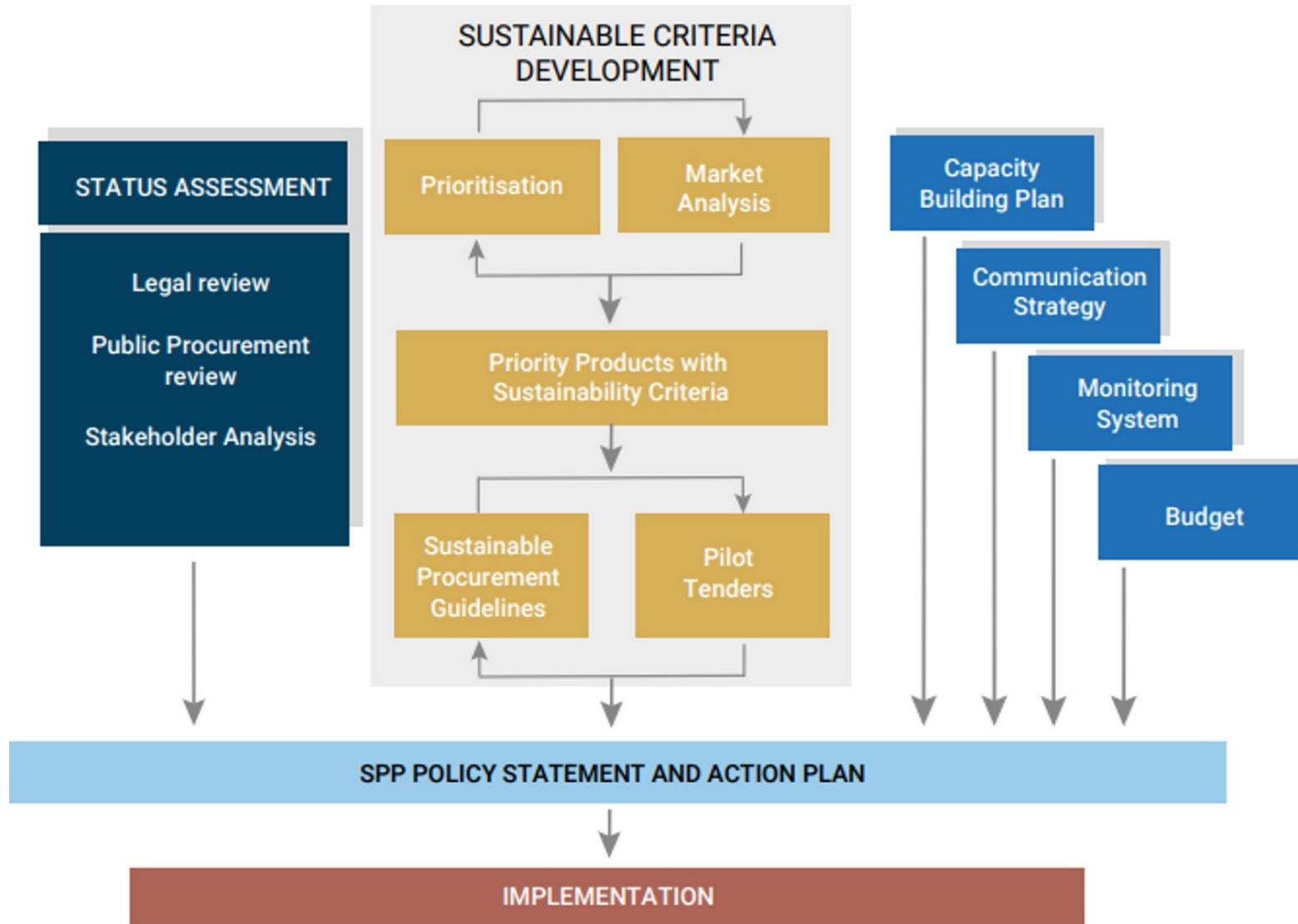
- Different SPP procurement regulations are competing
- Lack of awareness and/or frequent changes of public procurers
- Lack of policy commitment by the head of organizations

UNEP SPP Guidelines



<https://www.oneplanetnetwork.org/knowledge-centre/resources/sustainable-public-procurement-implementation-guidelines>

Outputs of the UNEP SPP Approach



Prioritization criteria

- Alignment with policy objectives;
- Value of expenditures;
- Environmental and social risks;
- Market availability of greener options, price premium, available volumes;
- Import/export outlook;
- Means of verification of sustainability attributes.

Uzbekistan, Prioritization Step

- Prioritization workshop on 14 August 2023
- Three categories prioritized:
 - Food products
 - Cleaning products
 - Textiles (bed linen)



Rwanda Prioritisation Workshop, 13 December 2023

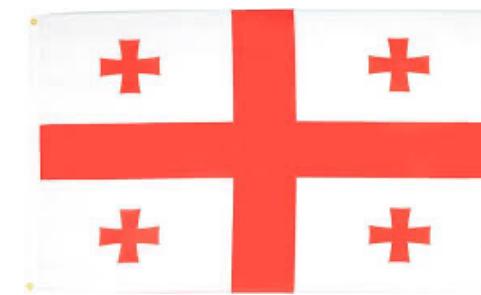
Final Selection

1. Organic Fertilizers
2. Office and server IT equipment:
computers, printers, and servers
3. Energy efficient appliances: lighting
and transformers



Table N9. Final assessment of priority products/candidates for SPP

N	Alternative products	Weighted Average of Environment impact assessment	Weighted Average of Socio-economic impact assessment	Weighted Average of the assessment of availability of quality standards, certificates and eco-labels	Total
1	Printing Paper	0.72	0.66	2	3.38
2	Furniture	0.55	0.5	2	3.05
3	Printers, Plotters, Toner andInk cartridges	0.72	1.16	2	3.88
4	Computers, Monitors, Tablet computerand smartphones	0.77	0.66	2	3.42
5	Cleaning products	0.66	2.83	2	5.49
6.	Motor vehicles	0.94	-0.33	2	2.61



- Mandatory application of SPP for the prioritized products
- Contracting authorities have to report annually on their green procurement performance

India, Final Shortlisted Product Categories



1. Writing and printing paper
2. Room air-conditioners

- Expert Stakeholder consultations were held on GPP criteria for Room Air conditioners and Writing and Printing paper in January and February 2021 respectively

Recommended GPP Criteria



- Procurement of writing and printing paper that is FSC or NCCF certified; or
- Procurement of Eco-Mark paper

Importance of stakeholder consultation in determining green purchasing criteria



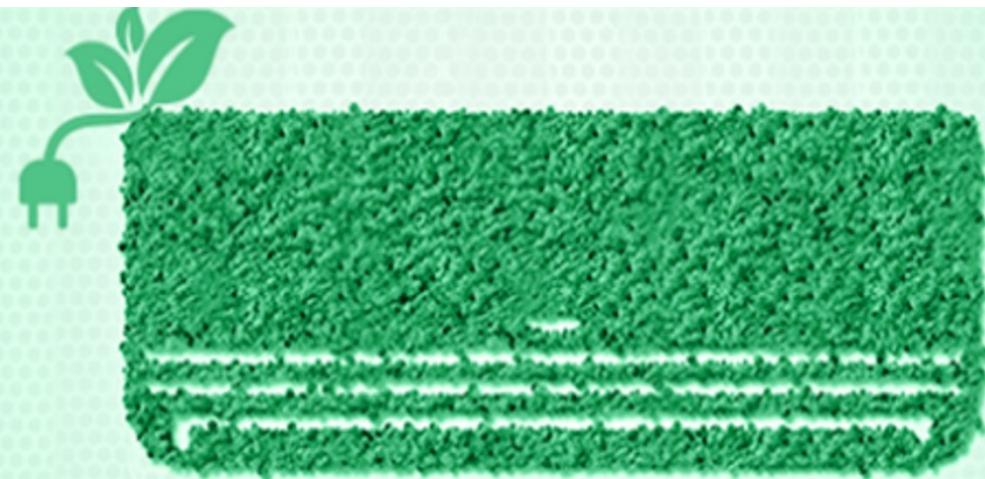
- The final output of the process led to a recommendation that authorities **select variable-capacity room air-conditioner, with minimum Indian Seasonal Energy Efficiency Ratio as per the 5-star level of Bureau of Energy Efficiency (BEE)**.

- The consideration of evaluations based on the Total Cost of Ownership (TCO) for products with higher efficiencies has also been recommended.

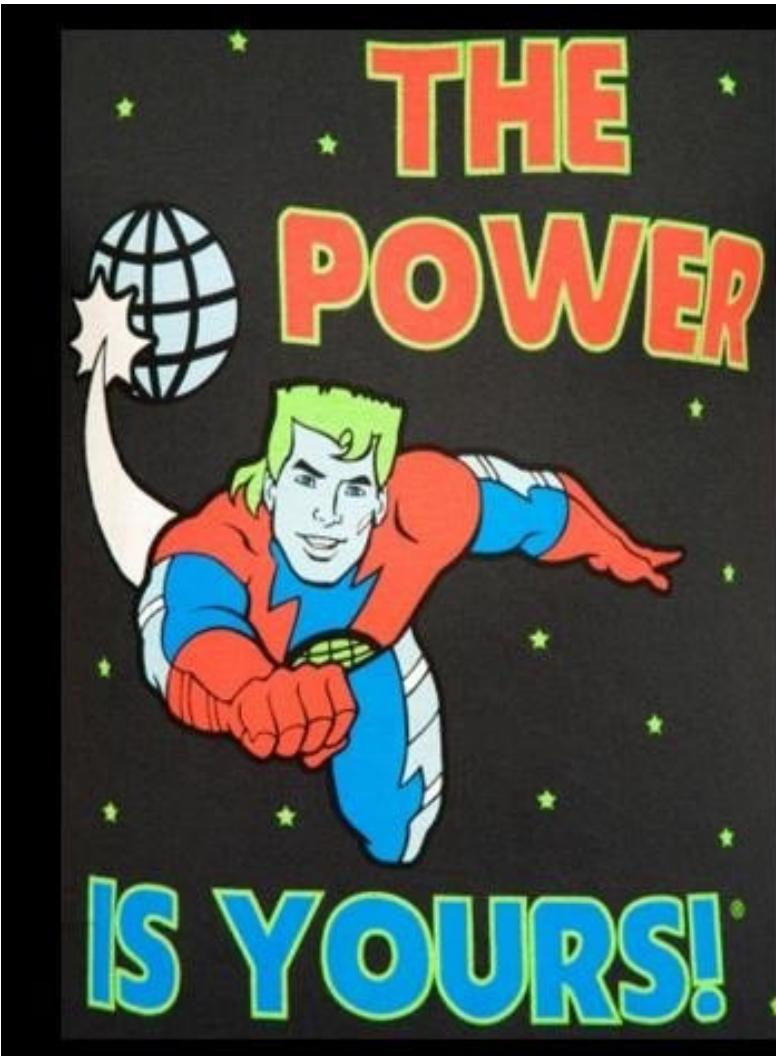


NOW AVAILABLE!

Green Room Air Conditioners on GeM!



- On 5 June 2021, on the occasion of the World Environment Day, the Government e-Marketplace (GeM) announced that it was including Green Air-conditioners into its platform. The **energy efficiency threshold** can be **periodically evaluated** based on global and Indian market assessments. The process showed the **importance of including various stakeholders** early on in criteria development.



PURCHASING
POWER

TOGETHER WE CAN
WAKE UP THE
TRILLION DOLLAR
GIANT !



Thank you!

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