



# 2023 GEN AGM Member Meeting Capability building and GENFAST

Mr K S Venkatagiri | Chairperson  
Kate Harris | Secretariat

Global Ecolabelling Network, GEN

26<sup>th</sup> of October 2022

# Good Morning, Good Afternoon, Good Evening!



For participants who are with us virtually,  
please keep you microphones on mute  
and use headphones if possible.

If you have any connection issues, please  
use the chat pane or email  
[secretariat@globalecolabelling.net](mailto:secretariat@globalecolabelling.net) or  
[karena.li.sydney@gmail.com](mailto:karena.li.sydney@gmail.com)





# Welcome from the Chair of GEN



Mr K S

Venkatagiri





**WELCOME**

**Formal Meeting Summary**

**+**

**Review and Acceptance of  
Record of Decision & Board  
Election Results**



## Record of decisions

1. AGM 2023 Agenda was proposed by Ms Katherine Larooque and seconded by another GEN member. The agenda was approved.
2. The Minutes of 2022 AGM were approved by GEN members
3. a. CANON's membership as an affiliate member was accepted.  
  
b. Uzbekistan Ecolabel membership as an Associate Member was accepted.  
  
c. Sri Lankan Green Building Council application for associate member requesting waiver for the membership fee was discussed in detail. The board has recommended to accept the membership only if there is financial commitment from the Srilankan Green Building Council for paying the membership fee. However, considering the financial status of countries like Sri Lanka, Singapore Environment Council have suggested to mentor the council for next one year and then take a decision on their associate membership. It was decided to appoint a mentor for the Sri Lankan Green Building Council.
- 4 Appointment of Secretariat : Agreed to continue employing Future Ready as Secretariat for the next 3 years.

## Record of decisions

### 5.Financials

a.2022 and 2023 financial statements were approved without objection.

b.Budget for 2024 (approved without objection)

6.Membership fee : it was decided to keep the membership fee as the same as for the year 2024.

6.It was decided to increase the assessment fee for the GENESIS assessors. The fee will be increased from the existing level of 250 USD to 450 USD per day with an estimated maximum of 2 days of audit fees (subject to being able to be completed in 2 days)

7.Election of Board of directors – The following have been elected as board members for a term of 2 years.

1.Ms Yulia Gracheva, Ecological, Russia

2.Dr Wijarn Simachaya, Thailand Environment Institute

3.Mr Tao Yan, China Environmental United Certification centre, China

### 7.Election of the nomination committee

a.Ms Linda will continue to be part of the nomination committee.

b.Ms Sofie Monteanu from Good Environmental Choice, Sweden will also be part of the election nomination committee

### 8.2024 Annual General Meeting location

a.It was decided to have the Annual General Meeting of 2024 in India. Confederation of Indian Industry (GreenPro) will host the Annual General Meeting. The exact city will be decided and communicated to members.

b.Singapore shown interest to host the AGM 2025

c.Uzbekistan has shown interest to host the AGM in 2026





# PRESENTATION 1: The Power of Procurement

Farid Yaker

Farid will discuss in his intervention the interactions between sustainable procurement and ecolabelling and how to better synergize these two instruments - including a focus on the recently released SPP Global Review.



# Combining Ecolabelling and Sustainable Public Procurement Policies to Advance Sustainable Development

GEN 29<sup>th</sup> Annual General Meeting

26 June 2023

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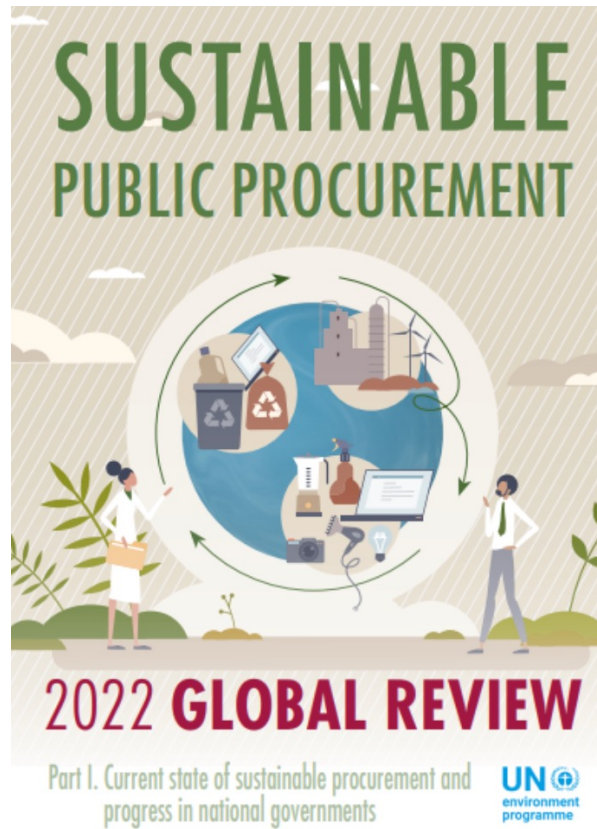
Farid Yaker  
Senior SPP Expert,  
Former SPP Global Lead of UNEP  
Farid.yaker@spxcel.com

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# Global SPP Review 2022: Key Takeaways



# 1. Sustainable procurement is building momentum – Policy framework

Since 2015, there has been a significant increase in the development of policies and legal instruments supporting SP around the world.

Growth in policy frameworks supporting SPP worldwide, 1990-2021<sup>11</sup>

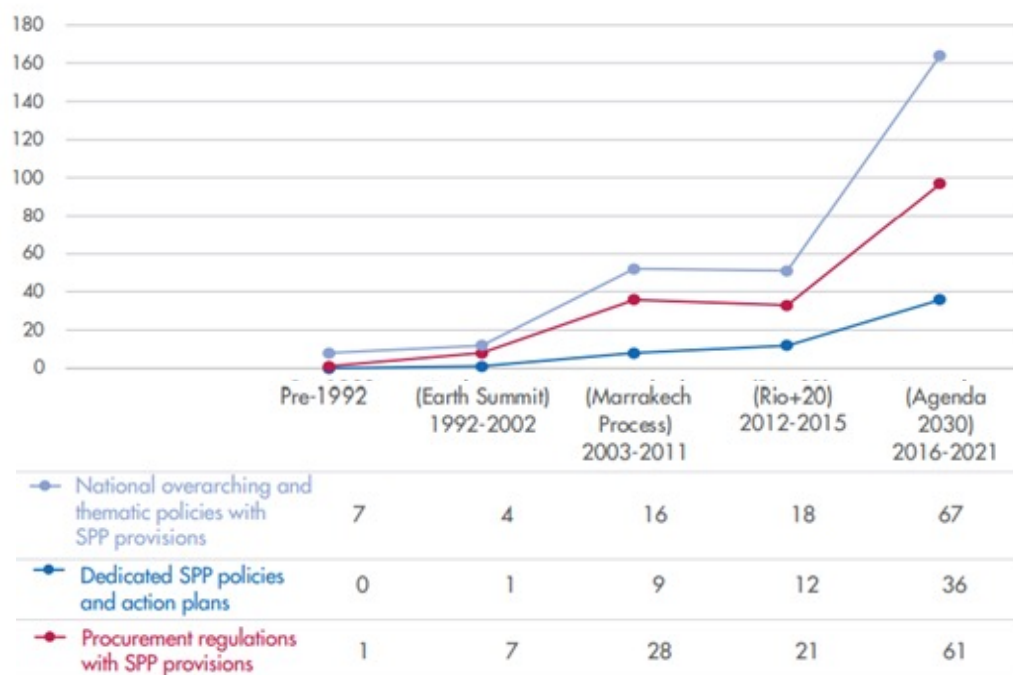
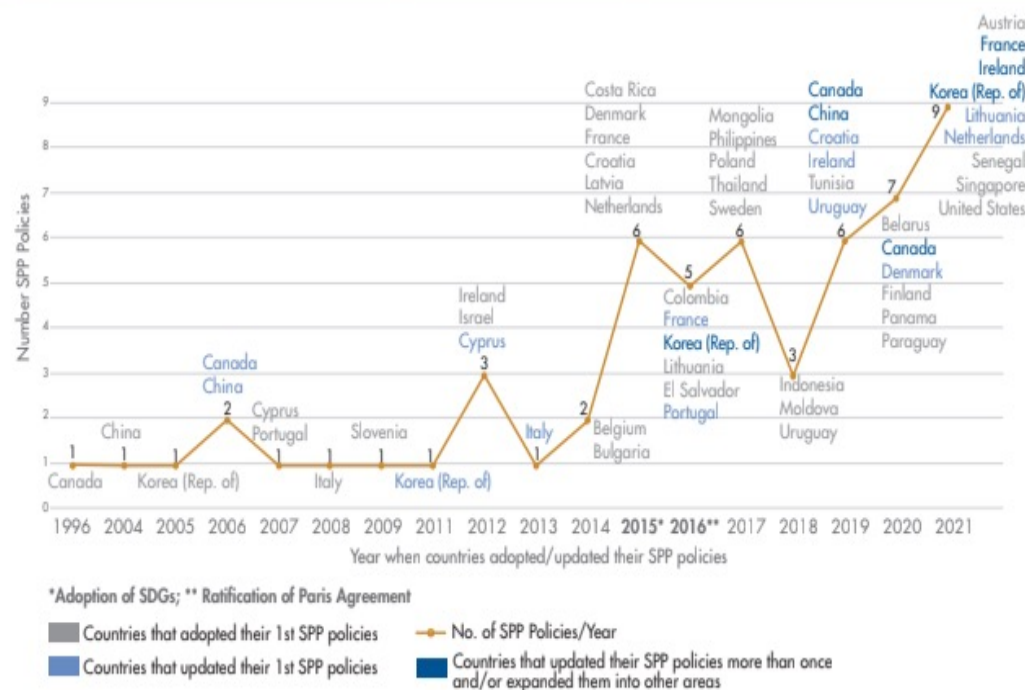


Figure i. Adoption of SP policies among participating national governments



Source: 2017 SPP Global Review and 2021 SPP Global Review National Government Questionnaire.



## 2. Sustainable procurement practices are now more deeply embedded



- **Product prioritization** and the development of tools, such as **sustainability criteria or guidelines**, continue to be **critical activities** and have been highlighted by national governments as **key drivers** for SP implementation.
- Most national governments (**62%**) reported **having developed criteria or guidelines** for at least one or more prioritized products/service categories. However **only half** indicated **mandatory application** of these criteria/guidelines.
- Prioritized product and service categories for SP are beginning to **extend beyond the 'low-hanging fruit'** of common-use categories.

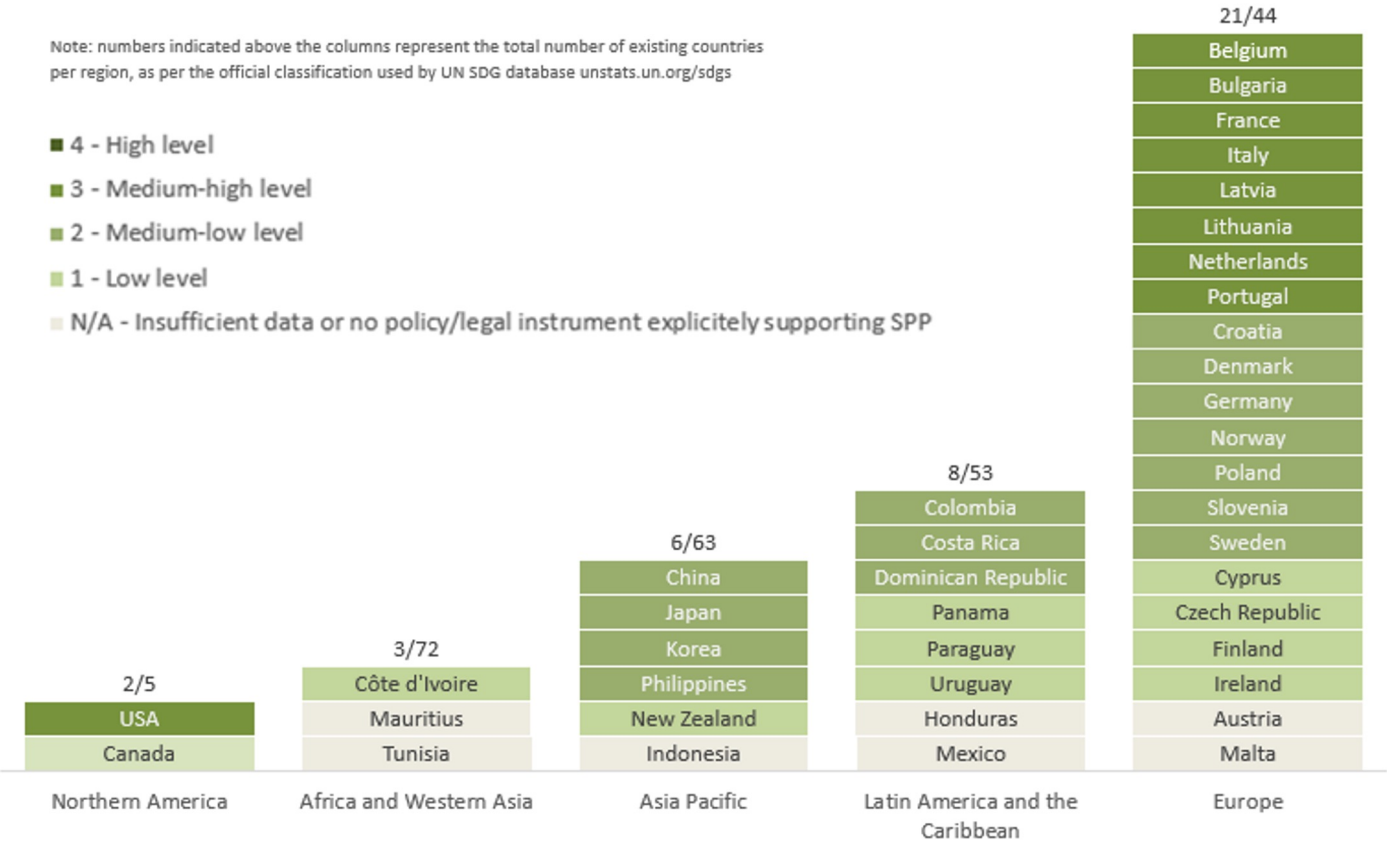
**2020 and 2022  
SDG 12.7.1.  
Data collection outcomes**



# Regional distribution and classification of submissions (2020)

Note: numbers indicated above the columns represent the total number of existing countries per region, as per the official classification used by UN SDG database [unstats.un.org/sdgs](https://unstats.un.org/sdgs)

- 4 - High level
- 3 - Medium-high level
- 2 - Medium-low level
- 1 - Low level
- N/A - Insufficient data or no policy/legal instrument explicitly supporting SPP

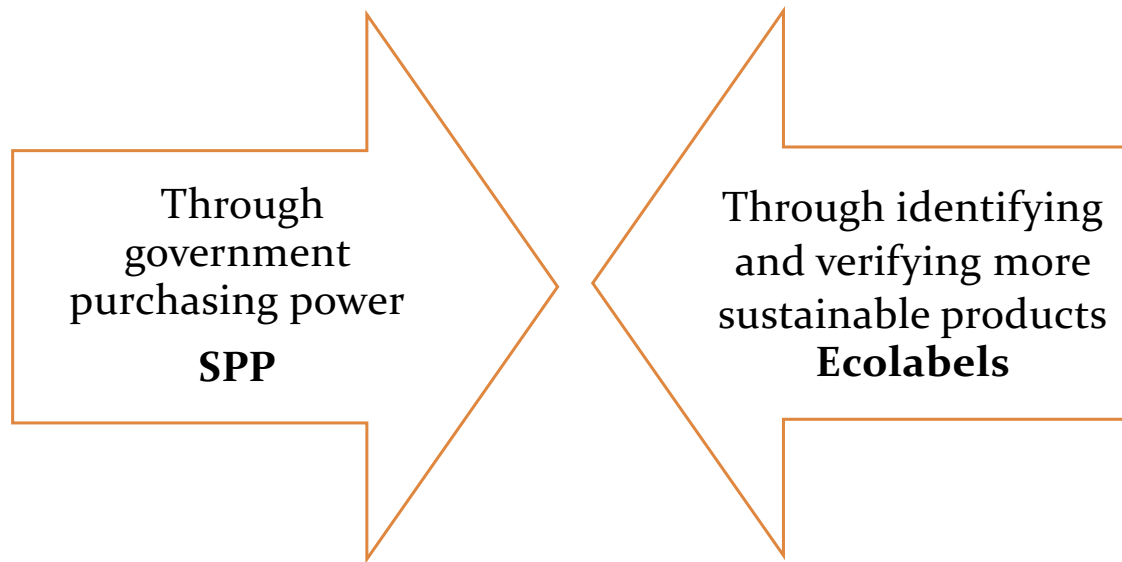


40 participating countries  
33 compliant  
7 non compliant





# Combining SPP and Ecolabelling to stimulate the demand and supply of sustainable products



## Challenge: how to mature the ecolabel market?

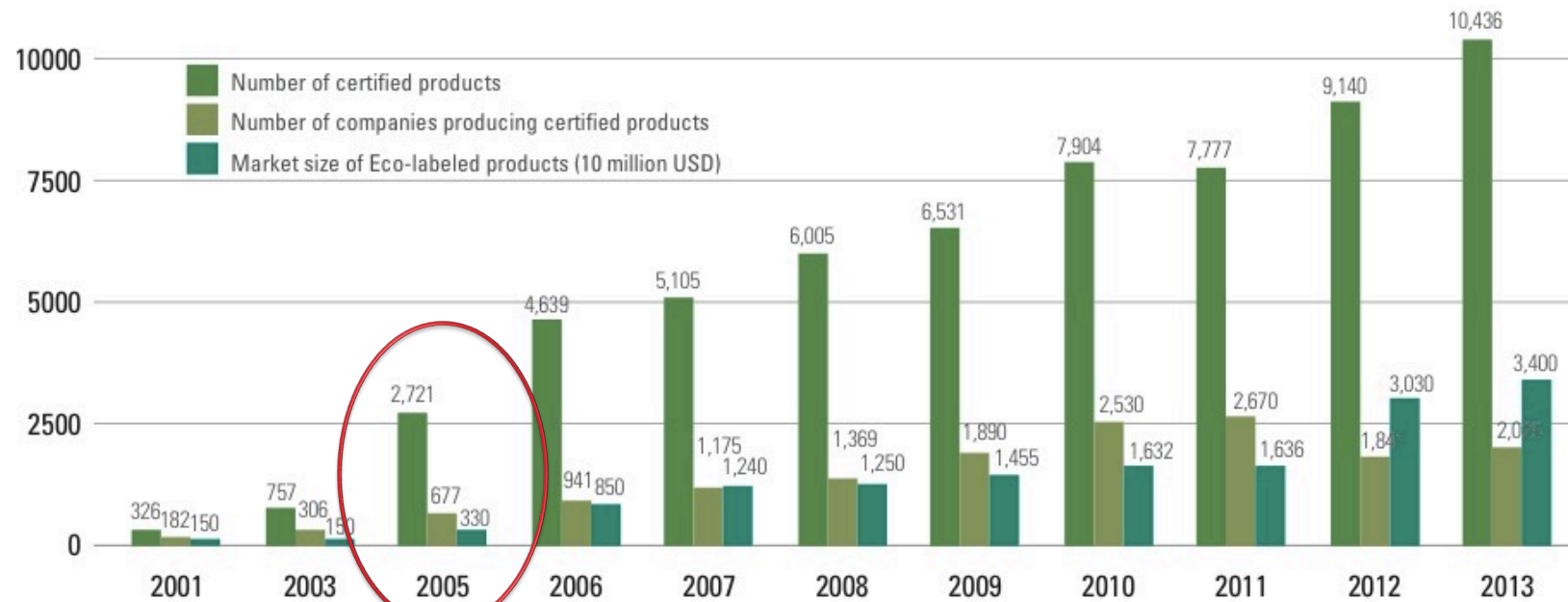
- Procurers will use ecolabels when there is a market with many labelled products
- Producers will certify their products when there is a demand for it



## Effect of policies linked to Type I Ecolabels



Figure 7. Market trends on Korea Eco-labeled products



Approval of  
GPP Act

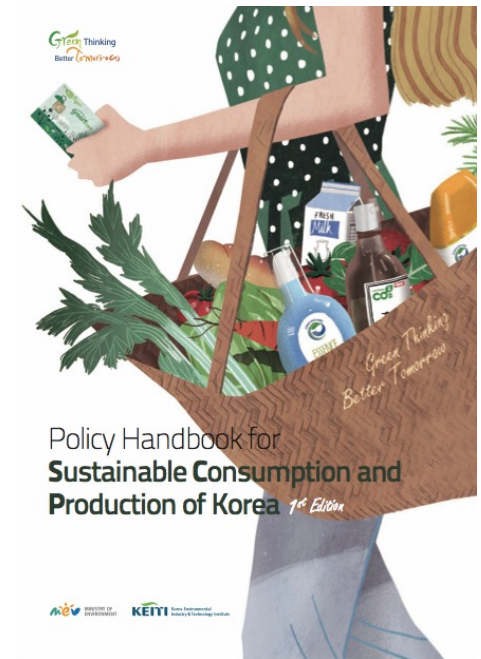
Objective: implement green procurement in the public sector using Eco-labeling as an important tool

Source: KEITI (2015) Policy Handbook for Sustainable Consumption and Production of Korea.




# How can SPP and Ecolabelling be coordinated?

- In the definition of policies
- In the elaboration and verification verification of SPP requirements
- To estimate environmental/social benefits of SPP



# Links between GPP Criteria and Ecolabels in Asian policies

Country	Link of the GPP criteria to the national ecolabels	
China	✓	Direct in the regulation, products must be certified with the China Environmental Label
Japan	≈	Indirect, the Basic Policy encourages the practical use of standards, and takes the Eco Mark criteria for the definition of the GPP criteria
Korea	✓	Direct in the Act, prod/serv must be certified or meet the criteria of Korea Eco-label, Good Recycled Mark or others set by the MoE

Country	Type I ecolabel
China	
Japan	
Korea	

## Links between GPP Criteria and Ecolabels in China, Japan and RoK

- In all 3 countries Ecolabeling schemes are used as technical basis for the GPP criteria because:
  - The schemes were already in place
  - They provide a strong foundation to what is green (through research and consultation of stakeholders)
  - Helps reduce the costs of GPP programmes (mainly in the development of GPP criteria)
  - It strengthens both instruments – one supporting the other and *viceversa* (one message to the market)



# EPA's EPP Program

Defining Green. Buying Green. Measuring Green. [www.epa.gov/greenerproducts](http://www.epa.gov/greenerproducts)



Take a lifecycle, multi-attribute approach to defining “environmentally preferable”



Engage in the development or update of private sector product & service sustainability standards & ecolabels



Assess and recommend standards and ecolabels for federal purchasers



Assist feds (and others) in buying environmentally preferable products and services

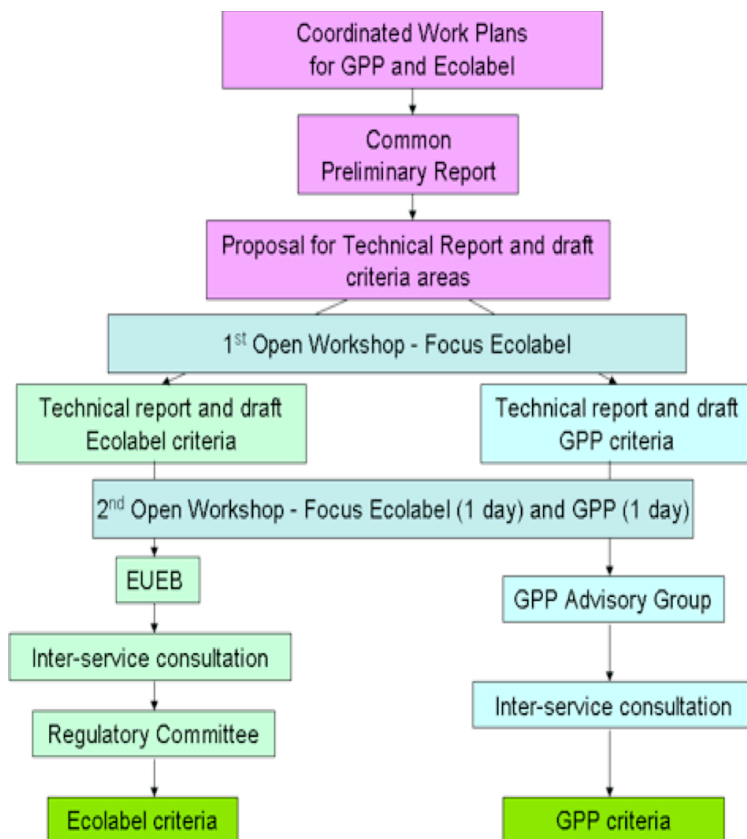


Assist small businesses in selling their greener products and services to the federal government



Measure compliance and benefits of buying green

# Ecolabelling are used in the elaboration of GPP specifications



- European Union
- GPP-Ecolabel coordinated criteria setting process

Source: [http://ec.europa.eu/environment/gpp/gpp\\_criteria\\_procedure.htm](http://ec.europa.eu/environment/gpp/gpp_criteria_procedure.htm)

# Ecolabels are used to calculate environmental benefits in the Republic of Korea (2005-2014)



**GHG reduction**  
**4.7 million Ton**  
**CO<sub>2</sub>eq**



**Costs savings**  
**1.2 billion USD**



**Jobs ensured**  
**18,264 posts**

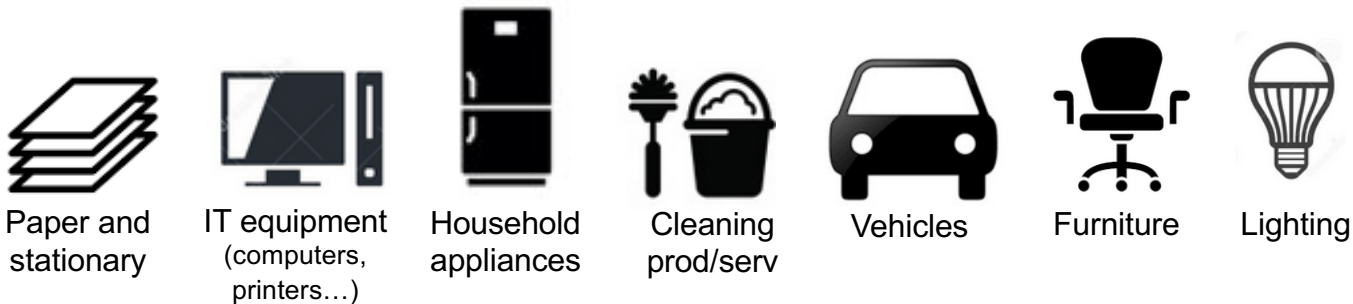


# EPEAT Benefits Calculator



GEC and EPEAT help purchasers calculate the impacts of procurement on climate change and sustainable development, from cost savings to greenhouse gas emissions.

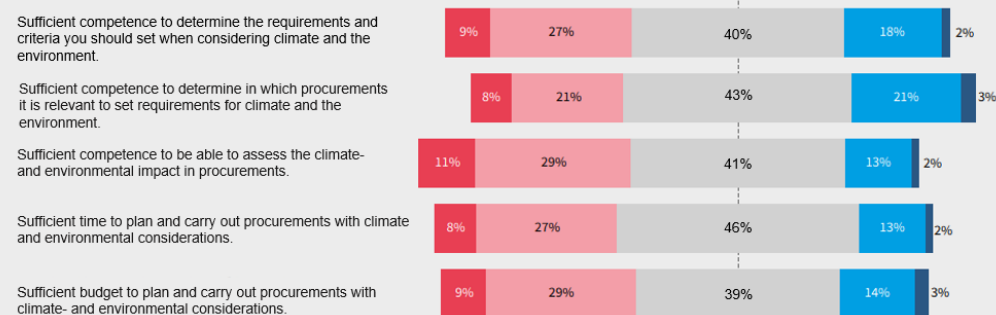
The EPEAT ENVIRONMENTAL BENEFITS CALCULATOR calculates **eight environmental benefits**: energy savings, greenhouse gas reductions, air emission reduction, water emission reduction, hazardous waste reduction, toxic material reduction, primary material savings, and cost savings.



# Ecolabels can mitigate the effect of procuring entities resource scarcity

1. Reducing time and competence needed to identify relevant criteria
2. Reducing time and competence needed to evaluate documentation and conduct contract management
3. Therefore, also reducing cost of planning and executing SPP

FIGURE 76: To what extent public organizations have the time, competence, and budget to address climate and environment in procurement



## SPP can play a role in creating political will for harmonization

- Proliferation of Sustainability Standards → Confusion by procurers
- Increasing coordination efforts (GEN, ISEAL Alliance, UNEP...):
  - Harmonisation of Criteria
  - Mutual recognition





## What about developing countries?

- Weak or non existent ecolabelling schemes
- Issue for the introduction of SPP
- Use of international labels (IT sector)
- Cooperation agencies should step up efforts to support National Standard Organizations in the establishment of National Ecolabels
- Regional ecolabels could also be put in place to reduce costs (Nordic Swan)
- GPP policies should be coordinated with ecolabelling policies

Thank you!

Farid Yaker,  
farid.yaker@gmail.com







## PRESENTATION 2: UNEP

**Laetitia Montero Catusse**

**UNEP Eco Advance project - a case study  
and opportunity**

# ECO ADVANCE

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**Greening supply and demand: Advancing Eco Labels and Sustainable Public Procurement for climate and biodiversity protection**



# Project Data

## Implementing Countries

Brazil  
Colombia  
Costa Rica  
Ecuador  
Mexico

**12/2022 – 11/2026**  
German Ministry of the  
Environment (BMUV) - IKI

- Topic: Sustainable production and consumption patterns with focus on
  - Eco-labelling (EL)
  - Sustainable Public Procurement (SPP)



## Implementing Consortium



# Project Action Areas

Key actors have **increased the use of Sustainable Public Procurement (SPP) and Type-1 Ecolabels** as tools to **improve climate mitigation, biodiversity, and resource protection**, through ambitious ecolabels, improved policy and legal frameworks, increased engagement of the private sector, as well as regional and global exchange.

## Output I: Ambitious Ecolabels

Type -1 ecolabels with ambitious criteria have been developed or strengthened  
(UNEP)

## Output II: Policy & Legal Frameworks

Policy and legal frameworks for Type-1 ecolabels and sustainable public procurement, are strengthened in target countries  
(GIZ)

## Output III: Supply and Demand

Supply and demand for Type-1 ecolabelled products in target countries have increased.  
(GIZ)

## Output IV: Global Exchange

Global and regional knowledge exchange on SPP and Type-1 ecolabels are increased  
(UNEP)

# Project Action Areas


Support national eco-labeling programs in Latin American and Caribbean countries.

Involved countries:  
Brazil, Colombia, Costa Rica



# Support to regional Ecolabel schemes

Regional approach to eco-labeling through the operationalization of the Environmental Alliance of the Americas.

 **Involvement countries: Mexico, Costa Rica, Colombia, Paraguay, Ecuador**

- Strengthen the regional trade of sustainable products
- Address the challenge of the proliferation of labels, mostly self-declared without justification, which undermine consumer credibility.
- Cost-efficient alternative to national type I eco-labels
- Facilitate sustainable public procurement

 **Prospective countries: Brazil, Panama, Peru, Dominican Republic**





# Potential activities for collaboration

## Activity 1

New or revised Type-1 ecolabel sustainability criteria for highly **climate- biodiversity- or resource-relevant** product groups developed

First draft of publication and presentation of results – **Q1 2024**

## Activity 2

Support the Environmental Alliance of the Americas to promote and manage a strong, regional Type-1 ecolabel also called Sello Ambiental.

Alliance has become a legal entity – **Q2 2024**

Exchange of the Alliance with another regional ecolabel to learn from their business model – **Q4 2026**

## Activity 3

Build capacity at national level for quantifying & demonstrating the environmental benefits from Type-1 ecolabelling and communicating these.

Outcome document of the conference - **Q4 2023**

Focus on 4 high-impact sectors:



**UN**  
environment  
programme



**One planet**  
inform with care

# Potential activities for collaboration

## Activity 4

Promote sustainable business ecolabelling models that make it **accessible for SMEs**, including those led by women and representatives of marginalised groups.  
Review existing inclusive business models for SMES, identify best practices and promote results amongst key stakeholders.

Final report edited in English and Spanish – Q1 2024

## Activity 5

Develop guidelines to **include climate change, biodiversity and resource criteria** into type-1 ecolabels based on a global benchmark of good practices.

First draft of publication and presentation of results – Q1 2024

Second draft – Q1 2025

Final version – Q2 2025

## Activity 6

Review existing Type-1 ecolabels to gather experiences on **inclusion of social aspects** in criteria development.

Definition of matrix of ecolabels and products – Q1 2024

Advancement of interviews – Q2 2024

Final report – Q3 2024

## Activity 7

Identify 20 best practices on Ecolabel and SPP that will be shared through regional / global networking initiatives.

Identification of best practices on ecolabels – Q1 2024

Final deliverable – Q3 2024

# How you can participate

Become a **member of Working Group 2** on Ecolabels within the One Planet Network and take part in the Consumer Information Programme.



1

Share **your eco-labelling expertise** and actively participate in achieving the project's key objectives (involves integrating SMEs and marginalized groups, identifying best practices, finding case studies).



2

Serve as a **peer reviewer** for our reports, official documents, and presentations.

# The One Planet Network (10YFP)

A multi-stakeholder network that is building the global movement for sustainable consumption and production through 6 Programmes



**611**  
Programme  
Partners



**One planet**  
eat with care



**One planet**  
live with care



**22**  
UN entities in the  
10YFP Inter-  
Agency  
Coordination  
Group



**One planet**  
build with care



**One planet**  
inform with care



**130**  
National  
Focal Points



**One planet**  
procure with care



**One planet**  
travel with care

**The 10-year Framework of Programmes on sustainable consumption and production** is the commitment made in 2012 to accelerate the shift to SCP.

**The One Planet network** is the implementation mechanism: the multi-stakeholder network that formed to support the implementation of this commitment

**One Plan for One Planet: 2018-2022 Strategy**

[https://www.oneplanetnetwork.org/sites/default/files/strategy\\_one\\_planet.pdf](https://www.oneplanetnetwork.org/sites/default/files/strategy_one_planet.pdf)





# The Consumer Information Programme (CI-SCP)



## The Objective:

Support the provision of quality information on goods and services, and effective strategies to engage consumers in sustainable consumption.

## The aspirational target:

Working towards companies providing credible sustainability information on at least 50% of their products and services at the point of sale



<https://www.oneplanetnetwork.org/consumer-information-scp>

CI-SCP Working Groups

**WG 1**  
**Guidelines for Providing  
Product Sustainability  
Information**



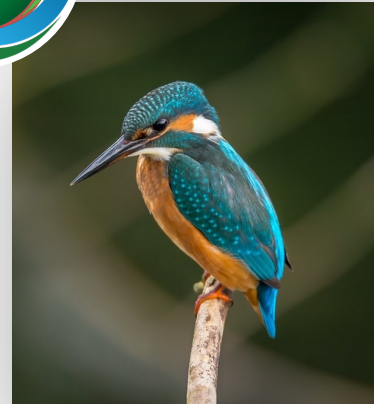
**WG 2**  
**Type-I Ecolabels**



**WG 3**  
**Product Lifetime Extension  
to Advance Circular  
Economy**



**WG 4**  
**Biodiversity Communication**

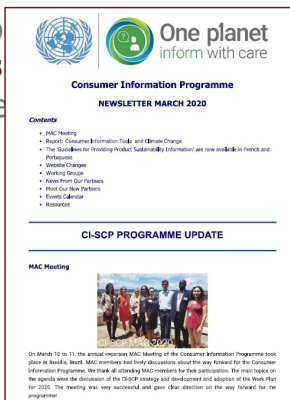


## Webinars, Events, Presentations

The CI-SCP organizes and coordinates several webinars, events and presentations throughout the year. Partners can join or take on an active role and provide input or speakers.

## Newsletter

- Sent out quarterly to **over 2000 experts** on SCP and consumer information
- **Partners** of the programme can **feature** their **updates** in the newsletter



## Social Media

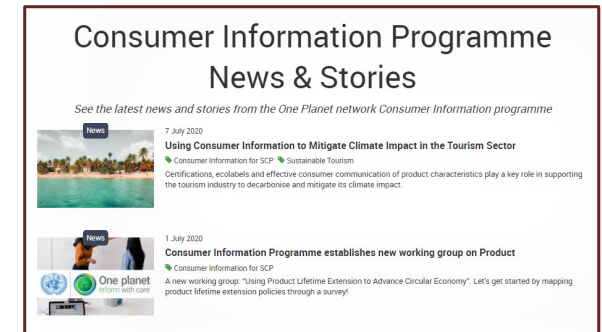
- Follow us on twitter **@10YFP**
- Follow us on **LinkedIn**



## Website

The CI-SCP website informs about everything that happens in the programme and the **News and Stories** section is regularly updated with current initiatives.

All **partners** can **publish news** on the website by contacting the [ciscp@un.org](mailto:ciscp@un.org).



<https://www.oneplanetnetwork.org/consumer-information-scp>



# Working Group 2: Ecolabels



Led by GEN and the UN Environment Programme, the Ecolabel Hub promotes **collaboration and mutual recognition among Ecolabelling Type I programs**, aiding awareness, capacity building, and consultations for emerging economies. Regional platforms in Asia, Europe & Africa, and the Americas, along with webinars and workshops in each region, have been established.

Barrier Analysis and Strategies for Ecolabels and Sustainable Public Procurement Implementation

40 years Good for me. Good for the environment.

Commonly encountered barriers and strategies for successful implementation

giz

One planet inform with care

GLOBAL ECOLABELLING NETWORK

UN environment programme

IKI

Umwelt Bundesamt

Methodological challenges for ecolabels in the Global Ecolabelling Network

Evaluation and traceability of critical raw materials and determination of quantitative environmental relief potentials

Final report

Available resources



# The Global Conference

- The inaugural in-person conference of the **Consumer Information Programme under the One Planet Network (OPN)** will focus on **Ecolabels and SPP**, it also marks the launch of the **EcoAdvance Project**.

## Expected Outcomes

- Identified opportunities and strategies for **scaling up ecolabelling and sustainable public procurement** to promote SCP
- Strengthened **networking and collaborations among participants** and with the Consumer Information Programme of the One Planet Network.

CONSUMER INFORMATION PROGRAMME  
GLOBAL CONFERENCE 2023

Ecolabelling & Sustainable Public Procurement  
In partnership with the Eco-Advance project

14-15  
November

BOGOTA

Supported by:  
United Nations Environment Programme  
German Development Cooperation  
and the GIZ Group

IKI  
INTERNATIONAL  
CLIMATE INITIATIVE

giz  
Deutsche Gesellschaft  
für Internationale  
Zusammenarbeit (GIZ) GmbH

UN  
environment  
programme

Öko-Institut e.V.  
Institut für angewandte Ökologie  
Institute for Applied Ecology

One planet  
handle with care

EcoAdvance  
SUSTAINABLE PUBLIC PROCUREMENT AND LABELING





# THANK YOU!

**Laetitia Montero**

Associate Programme Officer, Consumer Information & Ecolabelling  
Consumption and Production Unit  
Economy Division - UN Environment Programme

[laetitia.montero@un.org](mailto:laetitia.montero@un.org)



## PRESENTATION 3: IGPN

Yan Tao

The importance of global cooperation for international sustainable procurement solutions and how IGPN drives green purchasing through membership and partnership



# IGPN-Drive Green Purchasing through the Membership and Partnership

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Knowledge Sharing Session for Deepening Partnerships and Capacity  
Building of GEN 2023 AGM on 26 October, 2023

**Mr. YAN Tao,**  
**Deputy General Manager**  
**Chia Environmental United Certification Center**

# CONTENTS

## 01. Introduce the IGPN

- Overview;
- Structure and responsibility;
- Main activities

## 02. IGPN's Role for Driving Green Purchasing

- Implication from UNEP research on SPP;
- How IGPN works to drive green purchasing practices;
- Impacts have been made

## 03. Future prospects

- On-going activities
  - Next step
  - Summary
-



## **Introduce the IGPN**

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Overview;

Structure and responsibility;

Main activities





# IGPN Overview



Promotes green purchasing around the globe by coordinating those who take the initiative in implementing green purchasing towards sustainable consumption and production



## Mission

- Promote globally the development of **Environmentally friendly products and services and Green Purchasing** activities;
- Share information and know-how on **Green Purchasing and environmentally friendly products and services** internationally;
- Harmonize the efforts of **Green Purchasing and the development of environmentally friendly products and services** from a global viewpoint.

- ✘ Partners with **Global Lead City Network (GLCN)** on sustainable procurement, members with **Global Ecolabel Network (GEN)**, collaborates with the **Sustainable Public Procurement(SPP) Programme** of UNEP One Planet Network, support UN SDG 12: Ensure sustainable consumption and production patterns.
- ✘ Members from countries such as *China, Japan, Korea, Thailand, Malaysia, Singapore, the Philippines, India, Vietnam* etc., and regions such as *China Hong Kong SAR*, and *Chinese Taipei*.

# Structure and responsibility



## Council

### IGPN management

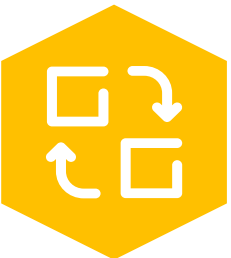
Chair, Vice Chair, and other members from GPN, University, and relevant NGO.



## Advisory Board

### Technical support

11 Experts from UNEP, Institute, and ecolabel organizations



## Secretariat

### Daily management

China Environmental United Certification Center(CEC) has undertaken secretariat from 2018



## GPN Members

### IGPN member

12 GPN from China, Japan, Korea, Thailand, Singapore, and India etc.

# Main Activities



**Drive green purchasing through the network and partnership.**

## Information

Collect and deliver information on global Green Purchasing activities, best practices and recent trends



## Workshop

Hold workshops and webinars regularly, promote knowledge dissemination of green purchasing



## Tools

Cooperate to develop internationally harmonized green purchasing guidelines and tools for international use



## Collaboration

Conduct research and organize activities to drive the implementation of green purchasing globally





## **IGPN's Role for Driving Green Purchasing**

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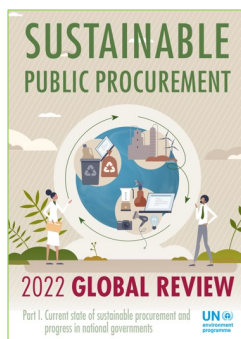
Implications from UNEP research on SPP;

How IGPN works to drive green purchasing practices;

Impacts have been made



# Implications from UNEP research on SPP



*International organizations and networks are stepping up their support for sustainable procurement...*

*International networks are playing an essential role in the exchange of SP knowledge and experience across cities, countries and local and international businesses.*

——<Sustainable Public Procurement 2022 Global Review>



*The national, regional and international SPP networks are recognized to play positive support for the SPP implementation. The International Green Purchasing Network-IGPN is endorsed as an example of regional level to facilitate SPP implementation by promotion of environmentally friendly products and green purchasing.*

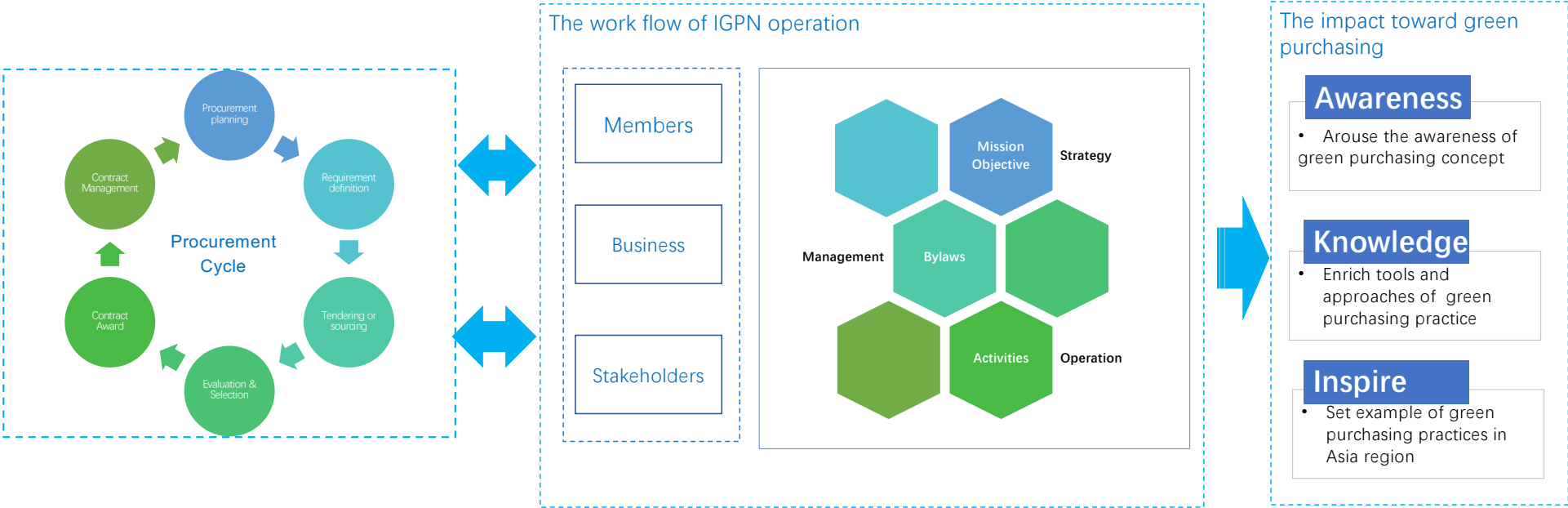
——<Sustainable Public Procurement Guidance >



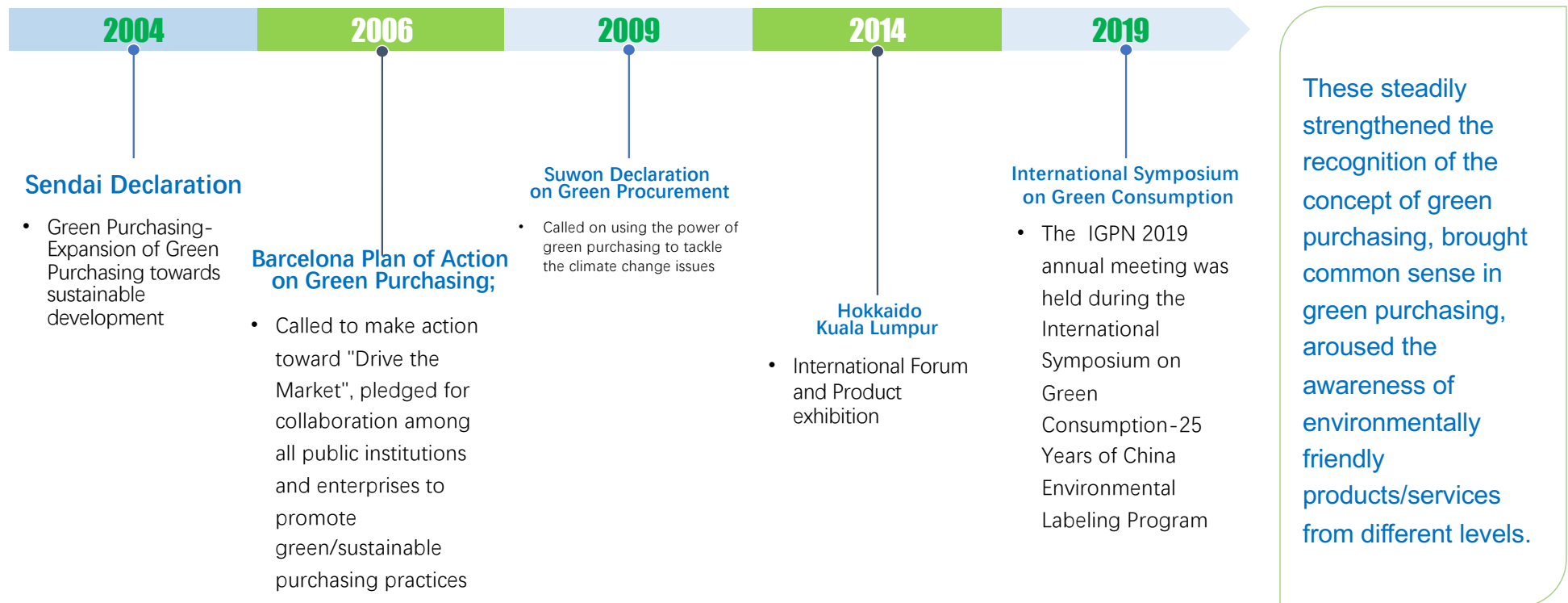
# How IGPN works to drive green purchasing

**Green Purchasing is a process whereby organizations take into account environmental elements when procuring goods, services, works and utilities and achieve value for money on a whole life-cycle basis.**

First was placed as an effective tool to shift toward not only reduction of environmental load but also sustainable consumption and production in Agenda 21 at the 1992 United Nations Conference on Environment and Development (UNCED Earth Summit).



# Arouse the awareness of green purchasing concept



# Enrich tools and approaches of green purchasing practice



## GPN Model Establishment

Supporting the establishment and activities of Green Purchasing Network mostly in countries or region in Asia;



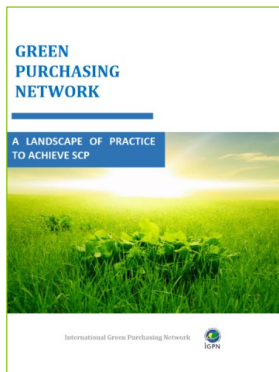
## Case Study

<Green Purchasing Network: A landscape of practice to achieve sustainable consumption and production>;  
<Survey Report-How Environmentally friendly product/service and Green Purchasing Tackle Climate Change>



## Tools and Methodology

Collaborate to develop guidelines, tools of green purchasing toolkit;  
Collaborate to develop GPN measurement methodology



<[GREEN PURCHASING NETWORK-A Landscape of Practice to Achieve SCP](#)> laid out update of cases of IGPN members' contribution on green purchasing practices, provides an overview of what the Green Purchasing Network is and how the Green Purchasing Networks function to the Sustainable Consumption and Production transition along with its four applications varying in the market, private, business and public level.



<[Survey Report-How Environmentally Friendly Product and Green Purchasing to Tackle Climate Change](#)> laid out a new outlook of environment-friendly products and green purchasing in response to climate change; presented facts to show how environment-friendly products and green purchasing has and is contributing over time and its relationship to the climate change priority; found out a casual model to explain in public sector how successful the green procurement helps to achievement national zero carbon emission target.

# Set example of green purchasing practices in Asia region

The IGPN works with members of green purchasing networks from China, Japan, South Korea, Singapore, Malaysia, Thailand, the Philippines, India, Chinese Taipei, China Hong Kong, set a pilot to implement green purchasing to ensure sustainable consumption and production patterns in Asian regions.



Featured with China Environmental Labelling GPP practice, through the large amount green products and services supply, greatly contribute the national financial policy employment. In global context, China, along with Sweden, the Netherlands, France, Finland and South Korea, is ranked as a level 3 “medium high”, second to level 4 which is highest,



Japan Green Purchasing Network established in 1996, engages activities in green purchasing concepts and practices with more than 1200 members, Offering opportunities of learning, dissemination and implementation, and information gathering to members

Green Purchasing Awards

Eco-product Database

Green Purchasing Guidelines



## Future prospects

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On-going activities

Next step

Summary





# IGPN Initiative for GPN Measurement Methodology

On June 15, the GPN measurement methodology development initiative was launched to advocate green purchasing practice, promote the SCP transition by using the IGPN's unique GPN model ubiquitously through a **measurable, reportable, and replicated measurement methodology**.

## Expected outputs



- A measurement methodology;
- An excel calculator guide;
- A pilot testing report of the methodology

## Work group



- Japan Green Purchasing Network;
- China Green Purchasing Network;
- Green Purchasing Network Malaysia
- Green Purchasing Network Thailand
- Green Purchasing Network Singapore
- Green Council

## Lead organization



- IGPN Secretariat-China Environmental United Certification Center

## Timeline



- 2023.6, Launch the initiative, formulate the draft and work group;
- 2023.12, Full scale survey in IGPN members, Solicit opinion in 3rd batch for the revision of methodology;
- 2024.6, Pilot test and test report
- 2024.12, Release methodology

## Next step



The IGPN will commit to the mission, engage in cooperation and technical models, through the expansion of membership scale, strive to promote the practice of sustainable procurement at the national and regional levels.



### Maintain active

- knowledge sharing activities on sustainable /green purchasing



### Technical models

- Leverage and give full play of the resources of IGPN members and secretariat



**If you want to go fast, go alone**

**If you want to go further, go together**

## Summary

---

- ✧ IGPN functions itself as a global multi-stakeholder partnership, through members and partners, drives the implementation of green purchasing towards institutionalization, application, and popularization, this lays the foundation to achieve SDG 12 "Ensuring sustainable consumption and production patterns".
- ✧ IGPN transforms its members' expertise in green purchasing into social resources, builds a bottom-up initiative and action network; Meanwhile, it bridges the practices from all partners, integrate them in the global viewpoint increasingly.

*Thank you for listening*

Mr. YAN Tao,  
Deputy General Manager  
Chia Environmental United Certification Center



## Questions

[igpn.secretariat@igpn.org](mailto:igpn.secretariat@igpn.org)



## Contact

[www.igpn.org](http://www.igpn.org)





# GENFast PRESENTATION 1: Nordic Swan

**Bjorn- Erik Lonn and Solution  
Space**

**Digitalizing an established ecolabel -  
experiences from the Nordic Swan  
Ecolabel**





Presentation  
of **ReDigit**



GEN AGM October 2023

# AGENDA

- INTRODUCTION TO THE REDIGIT PLATFORM
  - MAIN VALUE-ADDING FEATURES
  - SCREENSHOT EXAMPLES
  - DAILY BUSINESS IN REDIGIT
- OPPORTUNITY

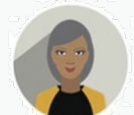


# ReDigit Concept

CONFIGURED GUIDANCE THROUGH YOUR CERTIFICATION

Reducing massive amounts and complex information to just what's needed for you

- Apply
- Extend
- Renew



Application clients



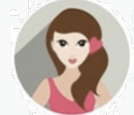
Suppliers



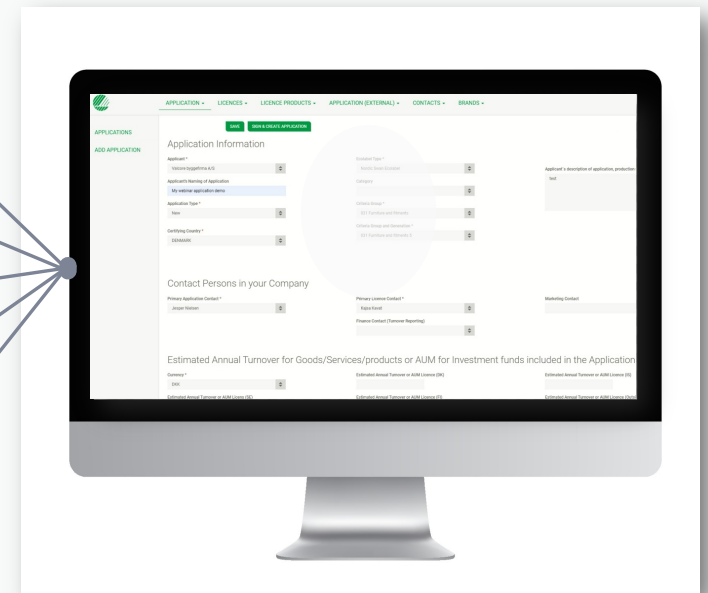
Client supporters



Verifiers



Certifiers





# ReDigit platform

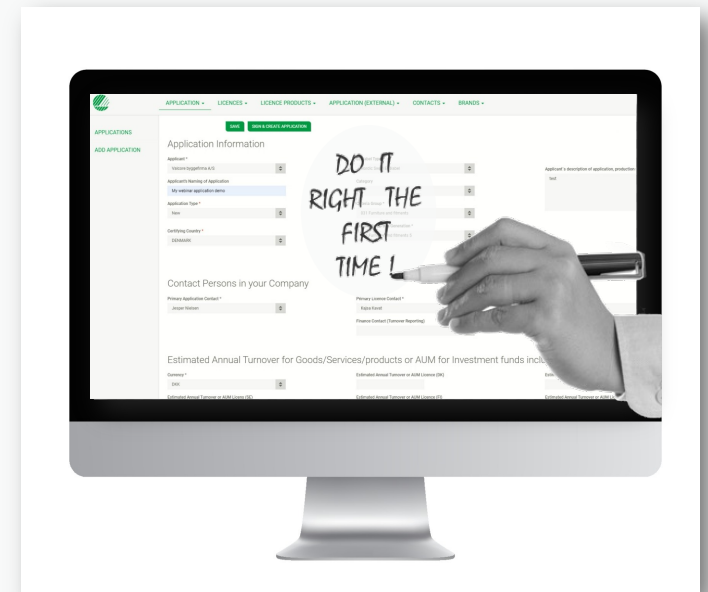
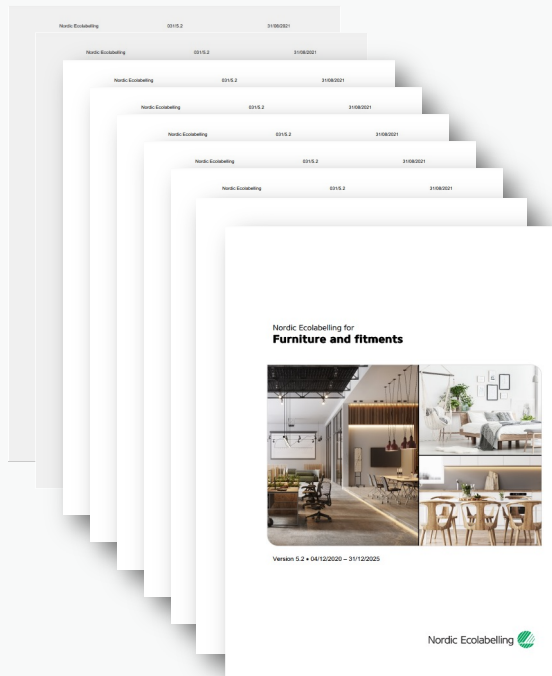
OVERVIEW – CONFIGURED GUIDANCE AND REQUIREMENTS



50+ pages of text and requirement to go through and sort manually. Even so – many calls about exceptions and interpretations.



Only relevant requirements are presented to the applicant based on their initial inputs. Including selected guiding text.







# ReDigit platform

## OVERVIEW – TRACEABILITY OF COMMUNICATION AND DECISIONS

Endless phonecalls and emails to clarify what is needed, and if the content submitted is valid.

In-system questions and answers along the certification process. All being logged.





# ReDigit platform

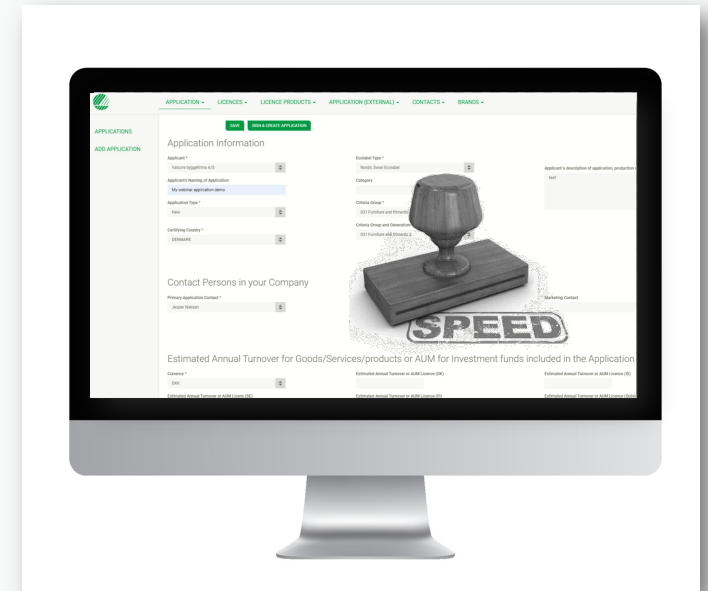
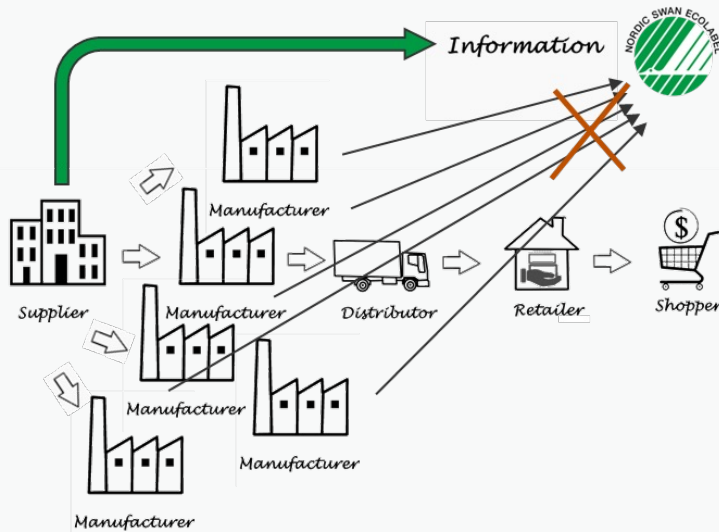
OVERVIEW – TRACEABILITY OF COMMUNICATION AND DECISIONS



Huge workload for each manufacturer to harvest supplier information



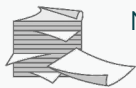
Suppliers have access to the system and can document across applicants and applications





# ReDigit platform

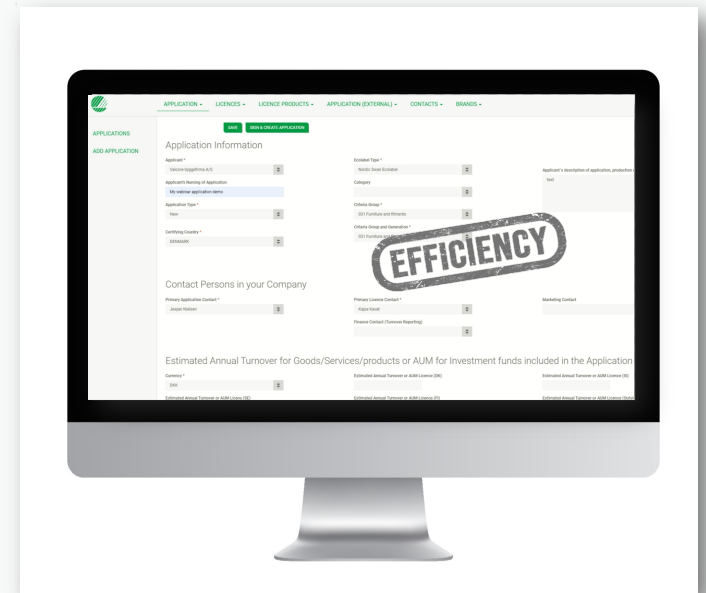
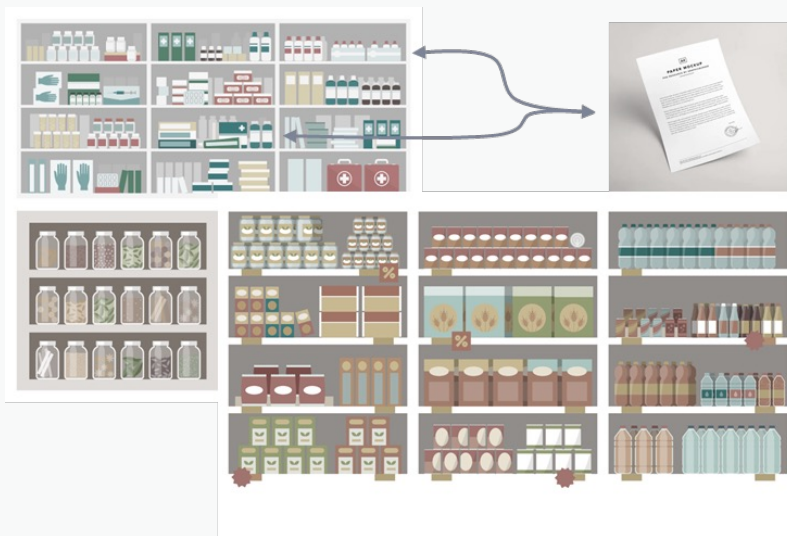
## OVERVIEW – DOCUMENT MANAGEMENT



New documents – new process every time



Applicants own document library enables reuse for all relevant products.



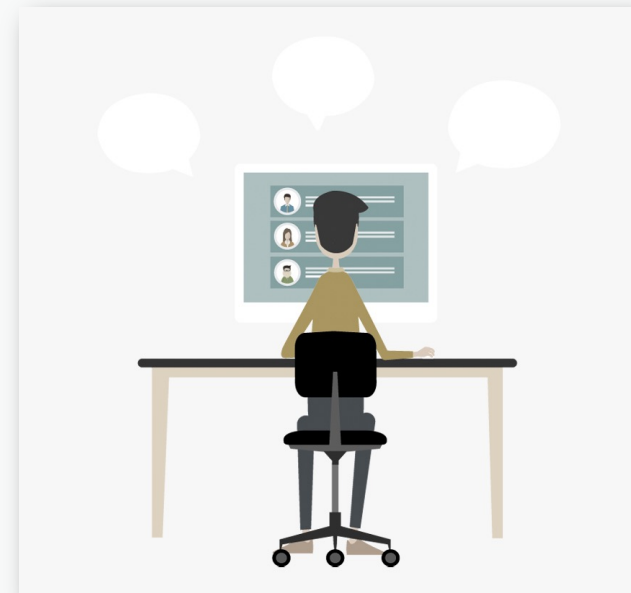


# Daily business

IN REDIGIT

What is done on a daily workday in the system

- Verifying documentation and declarations from suppliers and make them ready “to pick” by applicants for ecolabelling
- Verifying product information from applicants
- Checking documentation and compliance of requirements of applications
- Reviewing applications
- Communicating with applicants and suppliers in relation to the certification process + Communication between evaluator and reviewer



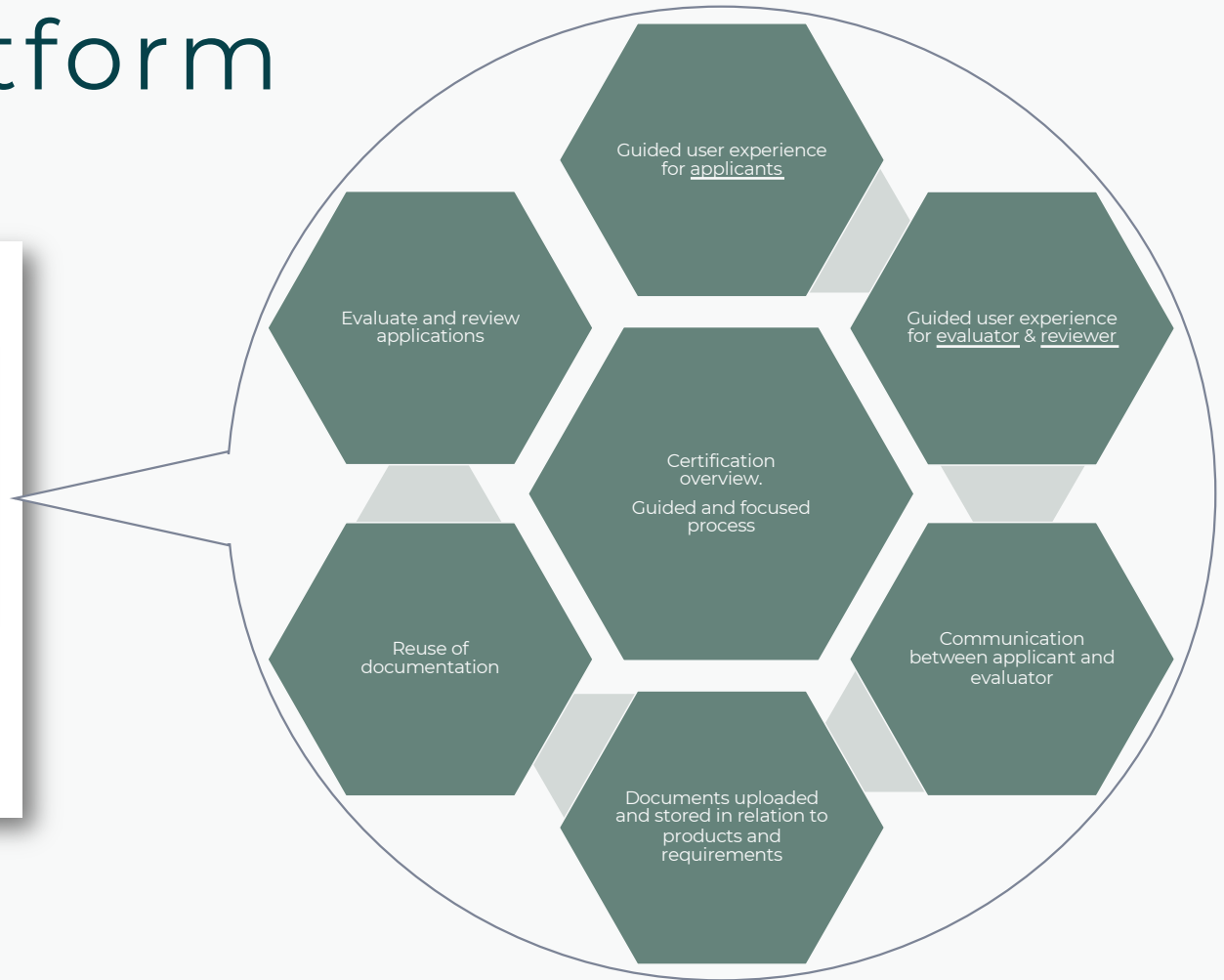
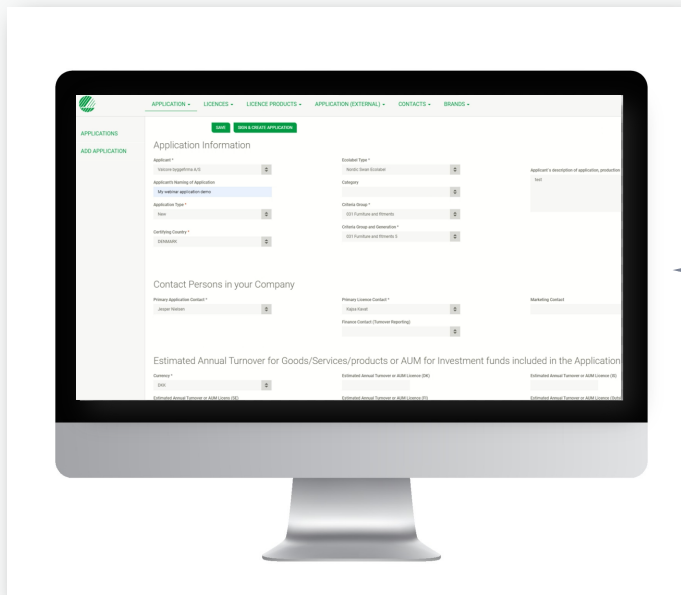






# ReDigit platform

## OVERVIEW OF BENEFITS





# Opportunity

EXPANDING THE USAGE

GEN members` Ecolabelling Certification Process

ReDigit Solution

Nordic Swan Criteria





# ReDigit platform

APPLICATION - LICENCES - LICENCE PRODUCTS - APPLICATION (EXTERNAL) - CONTACTS - BRANDS

Jesper Nielsen  
Vincore byggerfirma A/S

APPLICATIONS

ADD APPLICATION

SAVE SIGN & CREATE APPLICATION

### Application Information

Applicant \*  
Vincore byggerfirma A/S

Applicant's Name of Application  
My website application demo

Application Type \*  
New

Certifying Country \*  
DENMARK

Ecolabel Type \*  
Nordic Swan Ecolabel

Category

Others Group \*  
S11 Furniture and fittings

Others Group and Generation \*  
S11 Furniture and fittings 5

Applicant's description of application, production site and invoice information \*  
test

Contact Persons in your Company

Primary Application Contact \*  
Jesper Nielsen

Primary Licence Contact \*  
Kajsa Karst

Finance Contact (Turnover Reporting)

Estimated Annual Turnover for Goods/Services/products

Company \*  
DNO

Estimated Annual Turnover

PRODUCTS DOCUMENT LIBRARY MESSAGES

Jesper Nielsen  
Vincore byggerfirma A/S

APPLICATION INFORMATION

NAVIGATE CONTENT

PRODUCTS REQUIREMENTS

Traceability and certification of wood/bamboo-based panels

In progress by applicant

This requirement applies if wood/bamboo-based panels are included with more than 10% by weight in the product.

Chain of Custody certification

This requirement does not apply to manufacturers that only use recycled materials which is not covered by FSC/PEFC Chain of Custody certification.

The applicant/manufacturer or the applicant's/manufacturer's suppliers must present a valid FSC/PEFC Chain of Custody (CoC) certificate covering all wood raw material/bamboo used in the Nordic Swan Ecolabelled product.

Certified material

A minimum of 70% by weight of all wood raw materials (high/recycled material) in the panel must originate from forest managed according to sustainable forestry management principles that meet the requirements set out by FSC or PEFC Chain of Custody schemes and/or originate from recycled material (not FSC/PEFC certified).

Portion of wood raw material must be covered by the FSC/PEFC control schemes or be recycled material (not FSC/PEFC certified).

Are wood-based panels that fulfil the requirement of 70% certified are used in the production of the product?

Yes  
 No

Are wood-based panels that fulfil the requirement of 70% certified are used in the production of the product?

Yes  
 No

MyCertificates.pdf

ADD DOCUMENT

Go meet  
  
 in the hall  
 to get a live demo!

PRODUCTS DOCUMENT LIBRARY MESSAGES

Jesper Nielsen  
Vincore byggerfirma A/S

APPLICATION INFORMATION

NAVIGATE CONTENT

PRODUCTS REQUIREMENTS

Are the wood-based panels that fulfil the requirement used in the production of the Nordic Swan Ecolabelled product?

Yes  
 No

MESSAGES

19/11/2022

JESPER NILSEN 19/11/2022 11:07

Hi Pernilla  
Will we with your knowledge be able to be FSC or PEFC certified?

PERNILLA HEDBERG 19/11/2022 11:08

Yes of course Jesper! That would be the next step for you to do.

Type a new message...

SEND

PRODUCTS DOCUMENT LIBRARY MESSAGES

Jesper Nielsen  
Vincore byggerfirma A/S

PLEASE CANCEL SUBMIT FOR EVALUATION

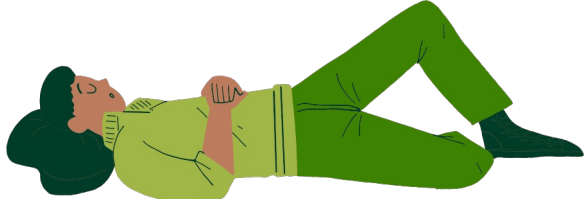
SEARCH

Type	Date Modified	Status
My demo.product.03	19/11/2022 12:00	In progress by applicant
My demo.product.02	19/11/2022 11:41	In progress by applicant
My demo.product	19/11/2022 11:36	In progress by applicant
My demo.product	19/11/2022 11:22	In progress by applicant

10 rows per page

Previous Page 1 of 1 Next

# BREAK





# PRESENTATION 4: The power of Procurement

**Ulf Jaekel**  
**German Ministry**

The insights into European best practice and their  
contribution to sustainability (SDG 12) biodiversity  
and climate





Federal Ministry  
for the Environment, Nature Conservation,  
Nuclear Safety and Consumer Protection

# **Ecolabel - Contribution to SDG 12, Biodiversity and Climate**

Ulf Jaeckel (PhD)

Federal Ministry for the Environment, Nature  
Conservation, Nuclear Safety and Consumer  
Protection, Germany



Federal Ministry  
for the Environment, Nature Conservation,  
Nuclear Safety and Consumer Protection

## Tasks

- Consumer information
- Standard setting
- Stakeholder involvement
- Provision of incentives
- Orientation for decision makers, public procurement etc.



## **Challenges and Opportunities**

- Cooperation of labelling schemes including development and alignment of criteria
- Globalisation of criteria for certain product groups
- Alignment of procedures (mutual recognition etc.)
- Capacity building
- Strengthening the link to (sustainable) public procurement
- Fighting the 'label jungle' and promotion of reliable labelling schemes (type 1)



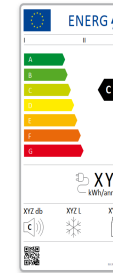
## **SDG 12**

- 12.1: Implement the 10 YFP Programs
- 12.2: By 2030, achieve the sustainable management and efficient use of natural resources
- 12.5: By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse
- 12.7: Promote public procurement practices that are sustainable
- 12.8. Ensure relevant information and awareness for people everywhere by 2030



# 'Official' European Labels

- EU Energy Efficiency Label
  - Mandatory for electric appliances
  - Scale A-G
  - Rescaling process
  - High impact



- EU Bio-Label for organic products
  - Based on EU law
  - Voluntary label
  - Available for producers inside and outside EU



- EU Flower
  - Voluntary label
  - 35 product/service groups
  - Usable for producers/retailers inside and outside EU







Federal  
Environ  
Building



Federal Ministry  
for the Environment, Nature Conservation  
and Nuclear Safety

## Blue Angel



- First ecolabel in the world
- Logo given by United Nations
- Well known (90%) and taken into account for purchasing decisions (about 40%)
- More than 100 product groups
- Blue Angel stands for environmental quality and credibility
- Blue Angel standards as reference in public procurement regulations
- Blue Angel also used by international companies and on international markets
- International cooperation including MRA



## **Blue Angel and SDG 12, Climate, Biodiversity**

- SDG 12:
  - Since the beginning
- Climate:
  - Project Top 100
  - Uptake of climate intense product groups like air conditioner, data center etc.
  - Cooperation with digital industry (already more than 10 years ago)
  - Countering PCF approaches by establishing a climate cluster (in the past)
- Biodiversity:
  - Issue taken up in criteria development



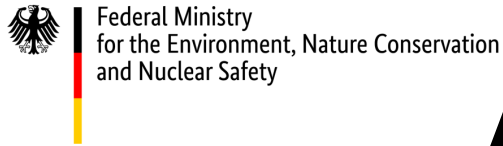
## **International Projects on SCP**

Cooperation with other countries on:

- Sustainable Consumption
- Ecolabelling
- Sustainable Public Procurement
- Biodiversity/ecosystem services and sustainable consumption

Input to the 10 YFP/One Planet Network

- Consumer Information Programme (BMUV Co-lead)
- Sustainable Food Systems Programme



## **Advance SCP-Project**

- Project in the frame of the United Nations Consumer Information Programme
- Strengthening of Type1-Ecolabels in several countries
- SCP4LCE-Project as basis for the work in ASEAN (continuation)
- Support of criteria development
- Support of cooperation activities of labelling schemes
- Use of SPP as a lever for dissemination of labelled products
- Development of NAMA's
- Working in 8 pilot countries
  - Thailand, Malaysia, Philippines, Indonesia
  - Chile, Peru
  - Morocco, Ethiopia



## Twenty products and services selected



- A criterion using recycle contents in appliance
- Catering Service
- Cement
- E-waste Management
- Transportation Service



- Apparel and Textile Products
- Chiller
- Data Centres
- Electric Fans
- Natural and Synthetic Fibre
- Cementitious Composites



- Computer Monitor
- Plastic Furniture
- Printing and Writing Paper
- Refrigerators and Freezers
- Tissue Paper Products



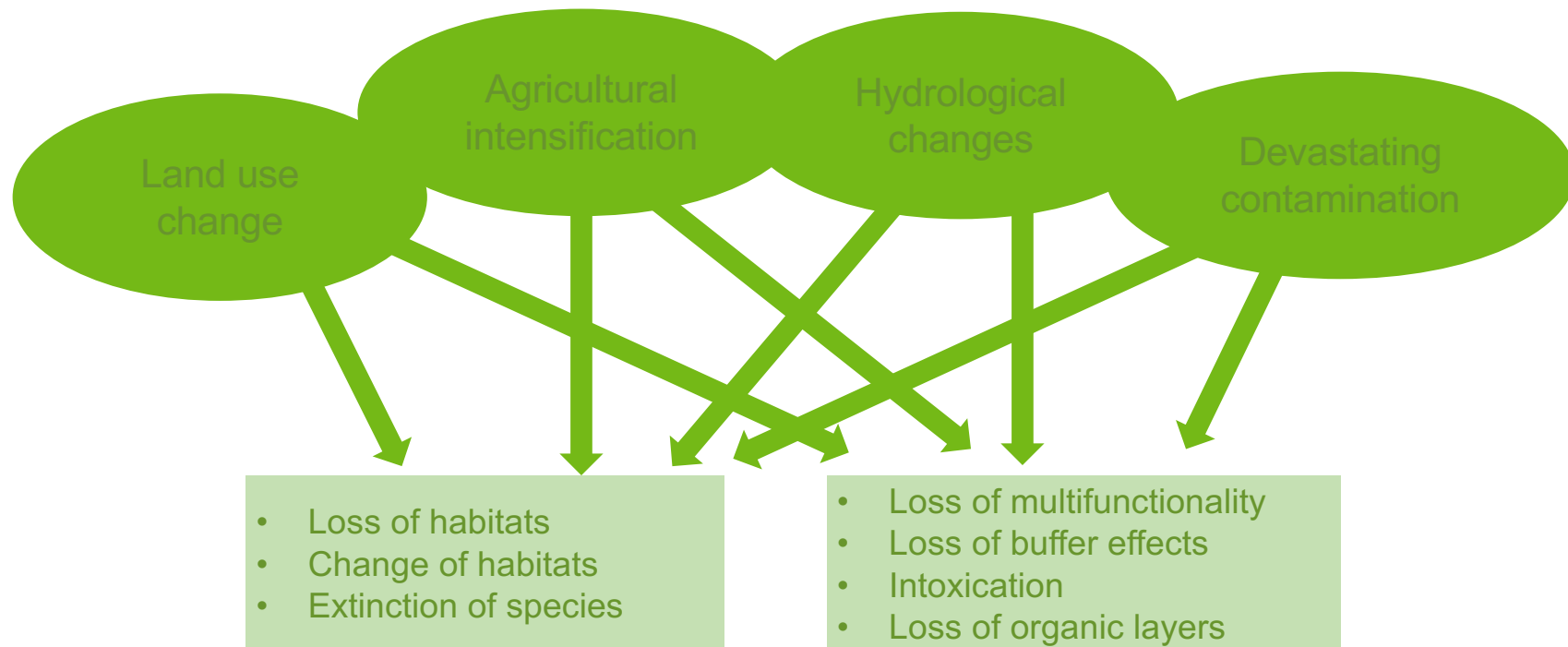
- Digital Projectors
- Faucets and Water Saving Devices
- LED Lighting
- Refurbished Toner Cartridges
- Vehicles





# 1. Consumption and Ecosystem Services/Biodiversity

German imports impact biodiversity and ecosystem services because of...





## Objectives

- Analyse and illustrate the link between consumption in the global north and loss of biodiversity/ecosystem services worldwide
  - **Case studies:** Import products of **soy, lithium** and **cotton**
- Identify **policy options** to enhance sustainable consumption for the preservation of biodiversity and ecosystem services
- Raise awareness for these issues within the 10YFP Programmes



## 4. Case study example: Lithium for battery systems (e-mobility)

### Impacts on ecosystem services and biodiversity: The example of the Atacama Salar, Chile



- Operations on nearly untouched ecosystems
- Lowering of the groundwater table of the whole area due to the massive evaporation of water  
→ endangering lagoon systems
- Salars are complex and highly specified ecosystems  
→ some areas are populated by Flamingos  
→ vulnerable food chains  
→ many endemic species

Source: SQM Sustainability Report



Federal Ministry  
for the Environment, Nature Conservation,  
Nuclear Safety and Consumer Protection

**Thank you**

[ulf.jaeckel@bmu.bund.de](mailto:ulf.jaeckel@bmu.bund.de)



## PRESENTATION 2: The power of Partnership

**S. Karthikeyan**

**Net zero transition facilitated by type 1  
ecolabels in building and industry sectors**

**in India**

**CII**



# 'Net Zero Transition' facilitated by Type-1 Ecolabel in Building and Industry sectors in India



S Karthikeyan  
Deputy Executive Director  
Confederation of Indian Industry  
India

# Genesis of 'GreenPro' in India



- ❖ Substantial growth in Green Buildings in the last two decades
- ❖ Increased demand for credible green building products and materials



- Till date
- ❑ More than 11,053 registered Green Building projects
  - ❑ More than 10.27 Billion sq.ft.



# Ecolabel facilitating selection of Green Products

## Typical Challenges faced by End users

- ❖ How do I know the product is green ?
- ❖ If green, to what extent ?
- ❖ Is it green in performance (or) materials used ?
- ❖ What if the product is green in performance but not during manufacture?



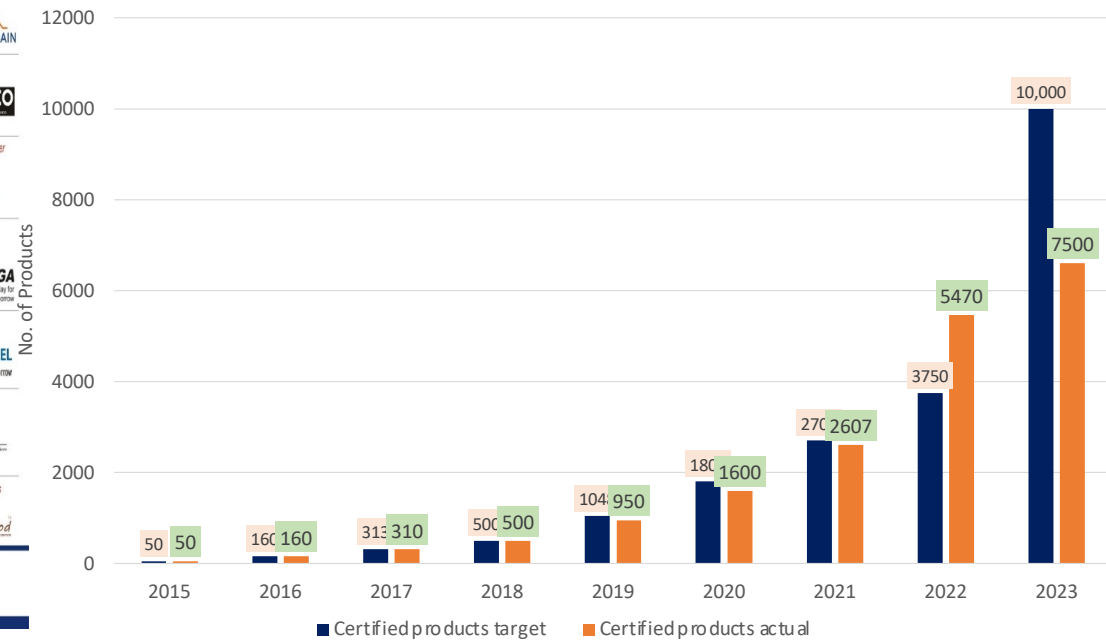
- ❖ Assess 'How green is a product'
  - Based on 'Life Cycle' approach on par with international standards
- ❖ Guides the end user to choose right products and materials for Green Buildings



# Growth of GreenPro Ecolabelled products



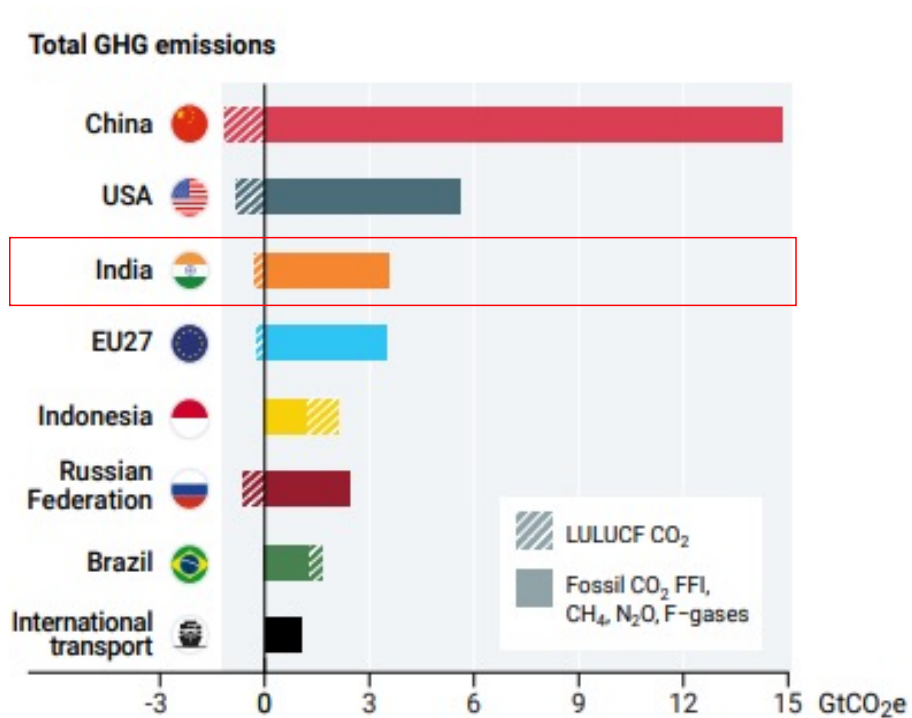
Certified Products



**More than 7500+ Ecolabelled products from 300+ companies available in the market**



# India's commitment to Net Zero



Source: UN EP Emission Gap Report 2022

- Currently India is among the Top 5 Global emitters
- India's commitment at COP – 26
  - Reduction of total projected carbon emissions by one billion tonnes from now to 2030
  - India to achieve Net Zero by 2070



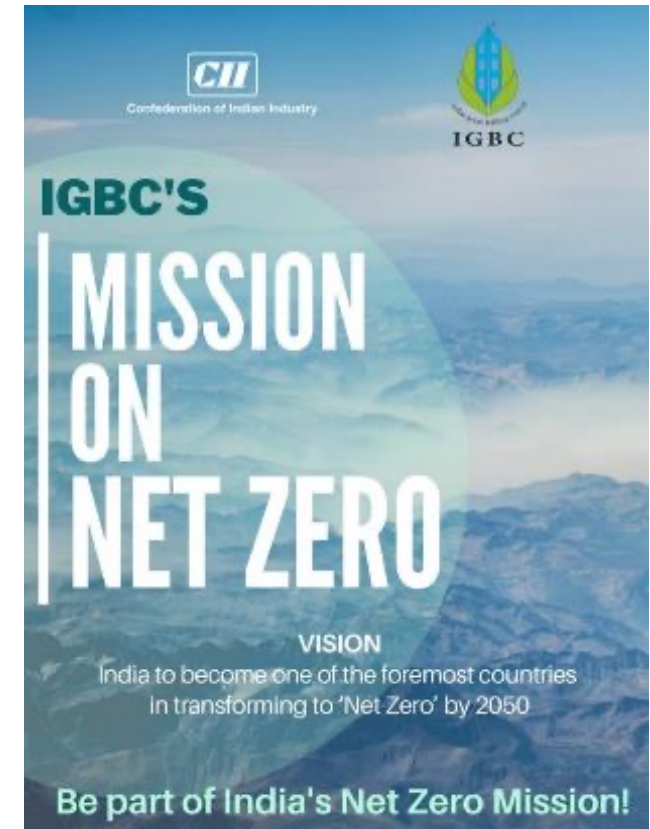
# CII's Mission on Net Zero

## ❖ Vision

- To facilitate 'India to become one of the foremost countries in transforming to 'Net Zero' by 2050'

## ❖ A journey to achieve Net Zero buildings by 2050 in all aspects

- Energy, Water, Waste & Carbon



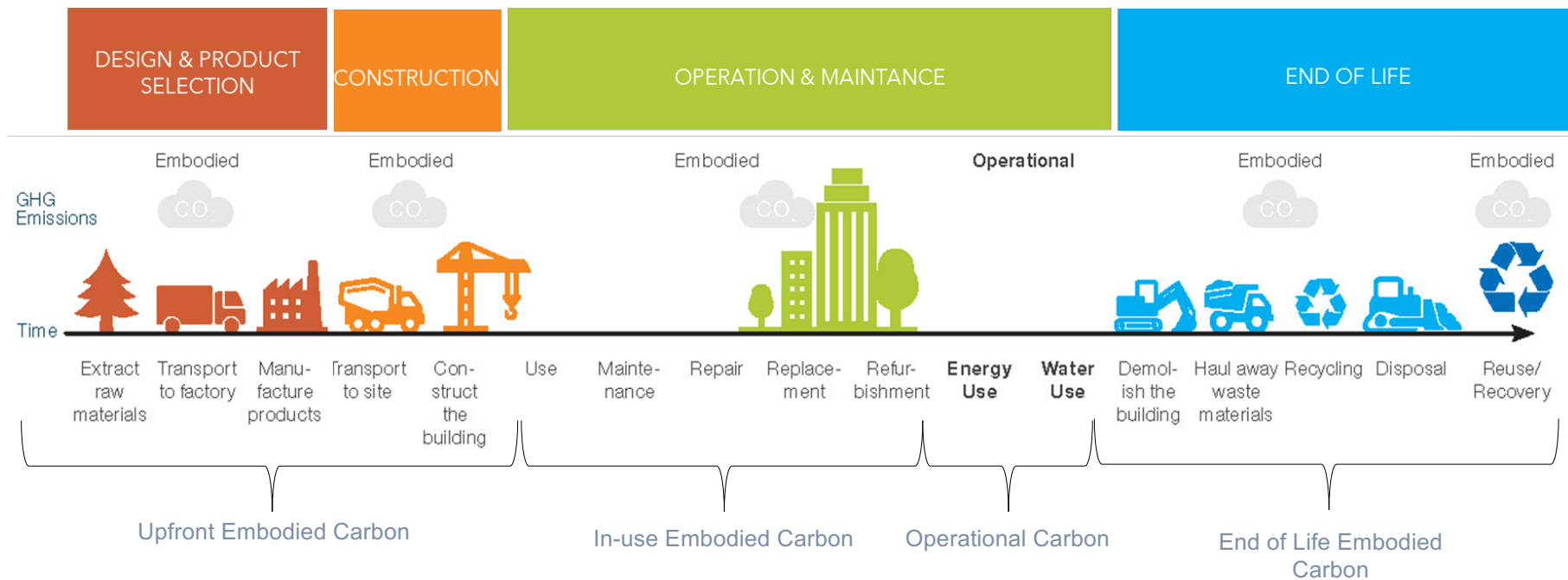
**350+ Organisations have committed to achieve Net Zero status for their new & existing buildings**



© Confederation of Indian Industry



# Building Life Cycle Assessment (Embodied & Operational Carbon)



- As per ISO 14040
- ISO 14041 – Goal, scope definition and life cycle inventory methods
- ISO 14042 – Life cycle impact assessment
- ISO 14043 – Life cycle interpretation methods

# CEMENT

## Portland Pozzolana Cement (PPC)

- **Low CO<sub>2</sub> emission per tonne of cement**
  - 650 kg of CO<sub>2</sub> / MT of Cement
  - Reduction in embodied carbon
- **Higher long term strength (beyond 90 days)**

## Portland Slag Cement (PSC)

- **< 350- 400 kg CO<sub>2</sub> emission per tonne of Cement**  
**Reduction in permeability and corrosive resistance**  
**increases durability**



# STEEL

## Low Carbon Steel TMT Rebar

- Embodied carbon < 1800 kg/ton of steel
- High strength, ductility and corrosion resistance
  - Strength > Fe 500e
  - Corrosion resistance (CRE) > 0.4
  - Ductility (TS/YS) > 1.15
  - Enhanced durability of the building
  - Reduced construction materials demand

\* TS - Tensile Stress and YS - Yield Stress

\* CRE = Cr + Cu + P + Mo + Ni



## Materials Ecolabelled highlighting Embodied Carbon based on LCA

S No	Material	Unit	Value of Ecolabelled Products
1	Blended Cement	kg of CO <sub>2</sub> /MT	<b>400 – 650</b>
2	Autoclaved Aerated Concrete Block	kg of CO <sub>2</sub> /MT	<b>310 – 360</b>
3	Ready Mixed Concrete (RMC)	kg of CO <sub>2</sub> /MT	<b>105 – 130</b>
4	Float Glass	kg of CO <sub>2</sub> /MT	<b>320 – 345</b>

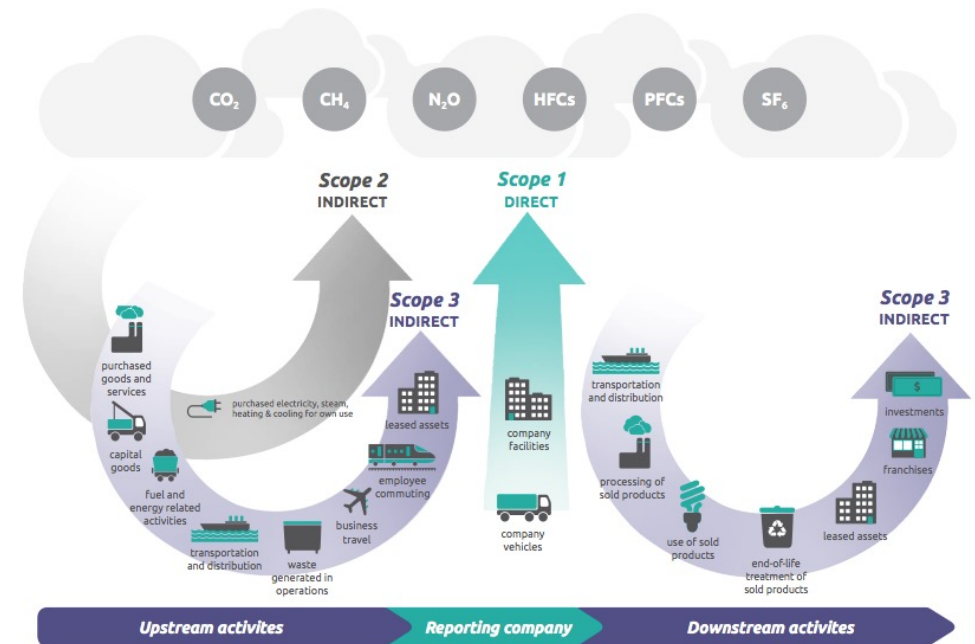
S No	Material	Unit	Value of Ecolabelled Products
5	Vitrified Tile	kg of CO <sub>2</sub> /m <sup>2</sup>	<b>9 – 11</b>
6	Steel TMT Rebar	MT of CO <sub>2</sub> /MT	<b>1.8 – 2.1</b>
7	Ceramic Sanitaryware	kg of CO <sub>2</sub> /MT	<b>930 – 1,070</b>
8	Insulation	MT of CO <sub>2</sub> /MT	<b>1.4 – 1.6</b>

**Enables End users to choose low carbon products and materials**



# Decarbonizing the Supply Chain in Manufacturing Industry

- ❖ Manufacturing industries are committing to achieve Net Zero
- ❖ More than 80% of their total carbon footprint is from their supply chain
- ❖ OEMs working with supply chain to reduce the carbon footprint
- ❖ Need a 3<sup>rd</sup> party verified and certified carbon footprint details



# A Leading Automotive Casting Industry

## GHG EMISSION REDUCTION UNDER SCOPE 3 – Material Handling

**CARBON-FOOTPRINT REDUCTION – External transport for raw materials dispatch coal dust**  
Before: Imported from Europe



**CARBON-FOOTPRINT REDUCTION – External transport for Raw materials dispatch coal dust**  
After: Source from India



**Estimated Co2 Emission reduction : 4249 Ton of CO<sub>2</sub> / Annum**

**Horizontal deployment done for other alloy material - CO<sub>2</sub> Emission reduction : 485 Ton of CO<sub>2</sub> / Annum**

## GHG EMISSION REDUCTION – Material Handling

**CARBON-FOOTPRINT REDUCTION 120 Ton of CO<sub>2</sub> /Annum –Internal transport @ Warehouse**



**Electric Forklift for Casting movement**

**CARBON-FOOTPRINT REDUCTION – External transport for products dispatch**



**Utilization of BS6 Vehicles for Casting Movement**

## GHG EMISSION REDUCTION

### ELIMINATING THE FOSSIL FUEL THROUGH ELECTRICAL PREHEATING SYSTEM



**Fossil Fuel Fired Preheater ( HSD )Emission due to fuel burning, flexible, easy to use.**



**Electric Preheater No Emission, No Noise, Uniform Heating, Better Ladle lining life, Savings in Fuel cost**

**Reduced 163 metric tons of CO<sub>2</sub> per annum through the electrical preheating system instead of fossil fuel.**

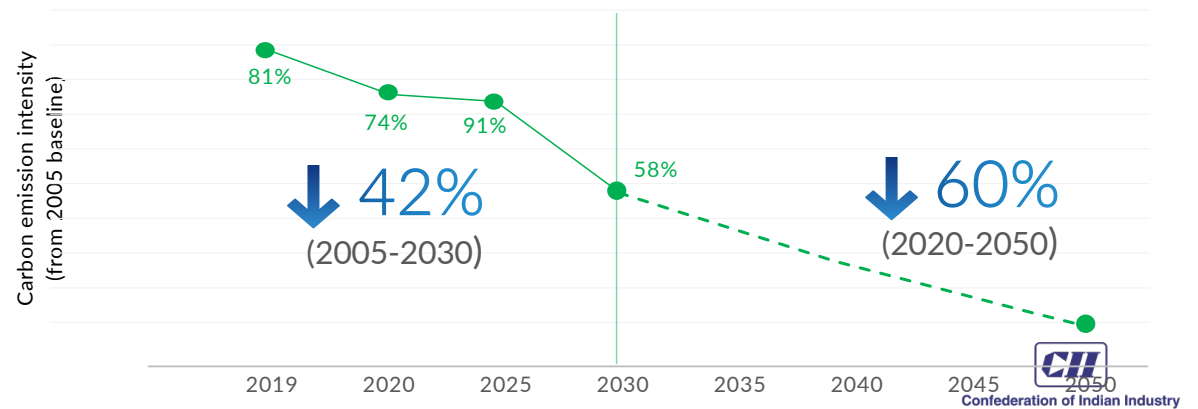


**Casting products - GreenPro Ecolabelled with Carbon footprint**

# A Leading Automotive Steel Industry



## Derivation of carbon emission target for 2030



**Steel products - GreenPro Ecolabelled with Carbon footprint**



## To conclude...

- ❖ Nations have committed to achieve Net Zero targets
- ❖ Industries are committing Net Zero targets aligning with Nation's target
- ❖ Ecolabels to reposition and align with the requirements
  - **Include LCA and highlight carbon footprint as part of the label**
- ❖ Ecolabels can play a significant role in facilitating industries to move towards Net Zero





**Thank you!**







# PRESENTATION 3: The power of Partnership

**Craig Woodburn**

Senior Sustainability Operations Manager  
Communications, Corporate Marketing and  
Sustainability Group

The Power of partnership and differing  
perspectives- the global business lens





**Canon**

# THE POWER OF PARTNERSHIP AND DIFFERING PERSPECTIVES – THE GLOBAL BUSINESS LENS

CRAIG WOODBURN

SENIOR SUSTAINABILITY MANAGER EMEA REGION

09/11/2023

R4 - Public/GEN



# CONTENTS

1. CANON EMEA BACKGROUND
2. ECOLABEL EXPERIENCE
3. OPPORTUNITIES





**Canon**

**CANON EMEA  
BACKGROUND**



# WE ARE CANON

One of the world's most well-recognised and loved brands.

- Dedicated to helping people reimagine what is possible through imaging.
- The leading name in imaging and have been for the past 80 years.

Canon

PR - Public/CEN 09/11/2023 112





## OUR PHILOSOPHY - KYOSEI

Our business is built on a specific philosophy - that what is good for society is also good for business. That philosophy is:

**Kyosei – living and working together for the common good.**

This deeply held belief is at the heart of everything we do.

**Canon**

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## Canon in **Europe, Middle East & Africa**

Established in **1957**, we are the **EMEA arm of Canon Inc.**

Headquartered in London, Canon Europe employs around **19,000 people** across EMEA, with operations in approximately **120 markets** throughout the region.

Canon Europe contributes approximately a **third** of Canon's global revenues annually

●  
2016 net sales in Europe:  
**\$7.9 billion / €6.8 billion\***

\*U.S. dollar amounts are translated from yen at the rate of JPY116=U.S.\$1. Euro amounts are translated from yen at the rate of JPY134.20=Euro€ 1. These are the approximate exchange rates on the Tokyo Foreign Exchange Market as of December 30, 2016, solely for the convenience of the reader.

**Canon**

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## CANON'S PRESENCE IN EMEA

To manage our EMEA presence, we have a number of **Regional HQs** across Europe, with our principal offices being in **London** (United Kingdom), **Amstelveen** and **Venlo** (The Netherlands), and **Poing** (Germany).

To be closer to our customers, we also have Regional and National Sales Organisation **offices**, as well as **service centres**, in strategic locations **across the region**, including:

- The Nordics
- Iberia
- Eastern Europe
- North, South and West Africa





# SO, WHO ARE OUR CUSTOMERS?

From cameras to commercial printers, and business consultancy to healthcare technologies Canon enriches lives and businesses through imaging innovation.

We enable people, businesses, government, healthcare and industry at every step of their imaging journey.



Lenses



Network cameras



Broadcast lenses



Cameras



Medical



Printing



Lithography equipment

**Canon**

R4 - Public/CEN



# ECOLABEL EXPERIENCE





# WHAT DO WE NEED TO MARKET & SELL A PRINTER IN A DIFFERENT COUNTRY?



**Canon**

R4 - Public/GEN

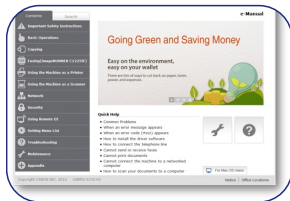
# WHAT DO WE NEED TO MARKET & SELL A PRINTER IN A DIFFERENT COUNTRY?



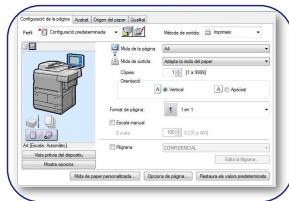
Ecolabel

CoC  
CE, UKCA

Market approval



Manuals



Driver/Software



Commercial  
Material



Brochures/Sales  
Material



Firmware



Marketing Content



Training  
Material



**Canon**

## ECOLABEL COMPARISON

As a business we submit products for different product ecolabel accreditation based on the **market preference or customer requirements**

### Customer favoured schemes:-

- Blue Angel – Germany

DE-UZ 72 Printing and publication paper from waste paper

DE-UZ 177 Remanufactured toner cartridges and ink cartridges for printers/copiers (to 31/12/26)

DE-UZ 195 Printed matters

DE-UZ 195 Printed matters (until 6/2023)

DE-UZ 219 Office equipment with printing function (>175 products)

- Nordic Swan

Copying & printing paper

Printing companies and printed matters

Imaging equipment (>200 products approved for Nordic swan customers)

- Umweltzeichen – Austria

- Global Ecolabelling Network

# OPPORTUNITIES







## OPPORTUNITIES

- New legislative drivers on labelling and statements, avoiding greenwashing, need clarity on schemes
- Harmonisation across Europe
- Alignment to ISO 14024 but avoiding spurious testing
- Consistency of schemes and targets
- Development of standard review timeframes
- Consultations centrally via GEN
- Users present to schemes on a specific ecolabel category development



**Canon**

**THANK YOU**

Contact details  
[Craig.Woodburn@canon-europe.com](mailto:Craig.Woodburn@canon-europe.com)

R4 - Public/GEN





# PRESENTATION 4: The power of Partnership

Seohyun  
KEITI

Impact measurement and  
sustainable procurement



**Ministry Of  
Environment**

The Korea Eco-labelling is a 30-year certification system enforced by the Ministry of Environment and KEITI.



# Review on Sustainable Public Procurement in Korea

**Seohyun KANG, Ph.D**  
**Senior Research Expert**

**KEITI - Division of Sustainable Business**  
**Office of Korea Eco-Label Innovation**

**[ssseohyun@keiti.re.kr](mailto:ssseohyun@keiti.re.kr)**





## Contents

### 1 Introduction of KEITI and Korea Eco-Label

### 2 Act on the Promotion of Purchase of Green Products

### 3 Purchase Performance from GPP

### 4 Future Plan for GPP & Ecolabel

# 1 Introduction of KEITI



**Korea Environmental Industry & Technology Institute**

Supporting the development of environmental technologies, nurturing environmental industry, and promoting eco-friendly lifestyle(Eco health & welfare).

**Korea Environment Corporation**

Providing service for clean air & water, recycling and environmental health

**Korea National Park Service**

Protecting and conserving national parks, Installing and maintaining park facilities

**SUDOKWON Landfill Site Management Corp.**

Treating wastes from Metropolitan region, Assisting to create a pleasant living environment for the residents around the site

**National Institute of Ecology**

Facility for ecological research, exhibition and education

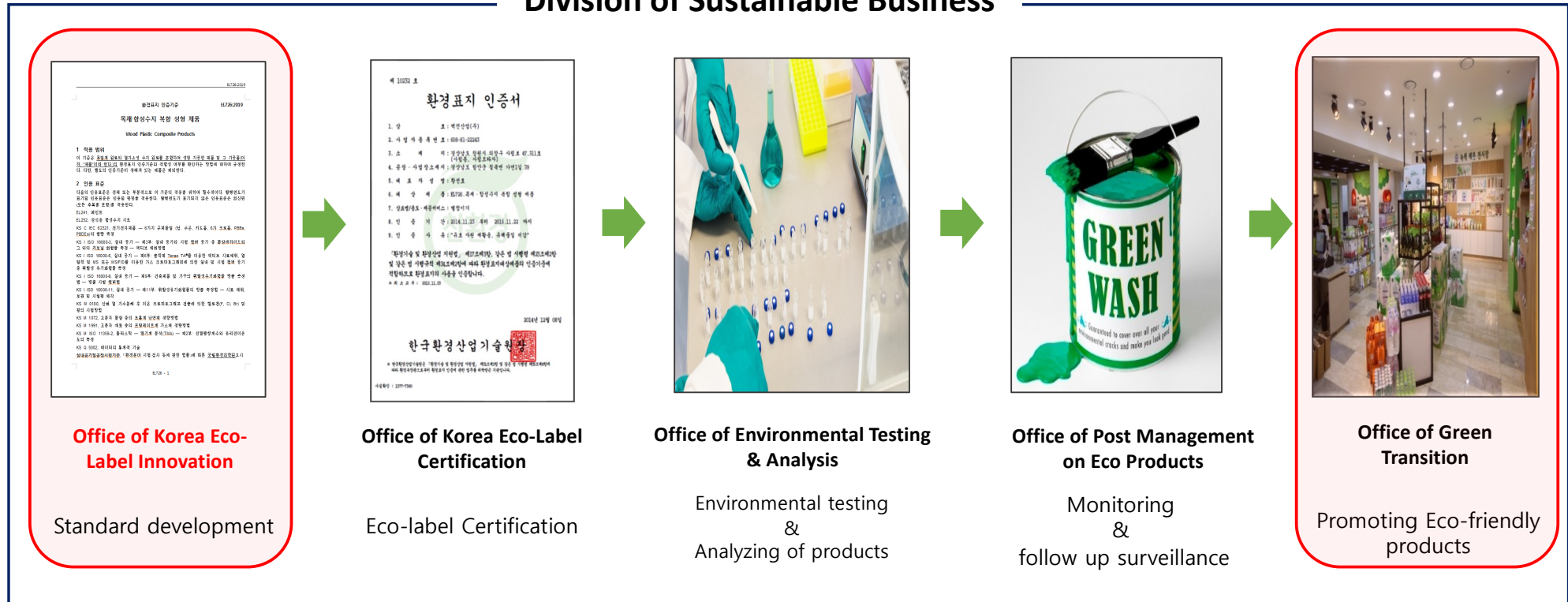
**Korea Water Resource Corporation**

Construction, operation, and management of facilities for the comprehensive use and development of water resources

# 1 Introduction of KEITI

## Offices working for Korea eco-label program

### Division of Sustainable Business



# 1 Introduction of Korea Eco-label

## Eco-Label Program

- **Voluntary certification** system to provide product **information to consumers** by attaching logo to environmental products that are **superior to other products** for the same purpose throughout the entire **lifecycle** process.

\* **(Exception)** Food under the Food Sanitation Act, medicines and therapeutic devices under the Pharmaceutical Affairs Act, agricultural chemicals, wood crafts designated as forest products

- Certification given to a product that satisfies standards set in relation to the product's lifecycle environmental quality (Certification Period: **3 years**)

## Type

- Type 1 eco-labeling according to **ISO 14024**
- Legal certification by government based on the law (Ministry of Environment)
- Temporary certification based on **voluntary participation**





# 1 Introduction of Korea Eco-label

## Legal Base

- ENVIRONMENTAL TECHNOLOGY AND INDUSTRY SUPPORT ACT

**Article 17 (Certification of Eco-Label)** ① The Minister of Environment may award certification of eco-label for the products which have improved their **environmental impact compared to other products for the same use** (Including apparatus, materials, and services affecting the environment; here in after the same shall apply)

## Promotion History

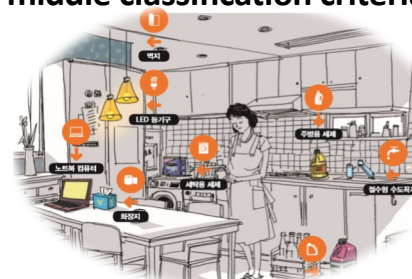


# 1 Introduction of Korea Eco-label

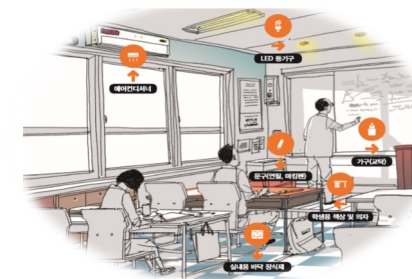
## Operation Status of Eco-Label Certification Standards

- 160 certification standards are in operation.(As of August. '23)
- The Criteria can be grouped into 8 major categories and 23 middle classification criteria

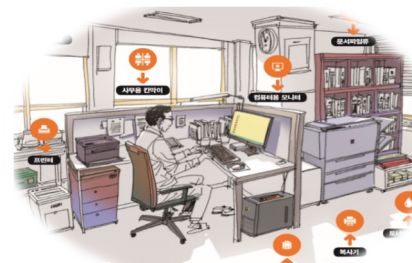
Major Categories
1. Office Equipment & Furniture(EL101~EL179)
2. Construction Material(EL207~EL267)
3. Personal and Household Goods(EL301~EL332)
4. House Item(EL401~EL492)
5. Transportation, Leisure(EL501~EL554)
6. Industrial Product, Equipment(EL602~EL657)
7. Mixed Use and Other(EL701~EL768)
8. Service(EL801~EL807)



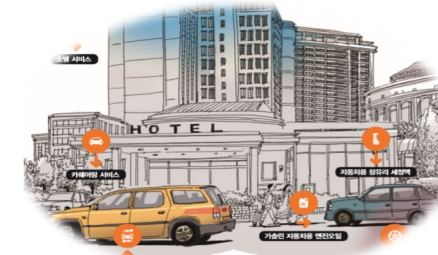
Eco-Label in home



Eco-Label in school



Eco-Label in office



Eco-Label in transportation and leisure

- Each standard covers environmental and quality characteristics, such as **reduction of use of harmful substances, energy saving, resource saving, carbon neutrality, resource circulation**, etc.

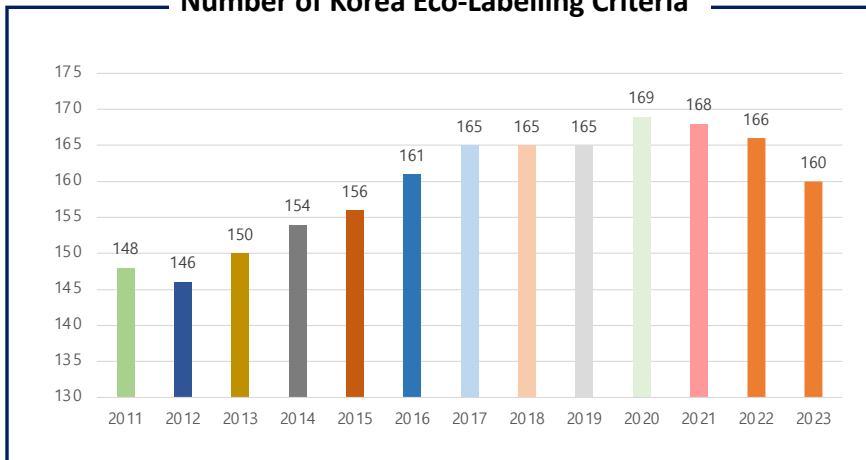
# 1 Introduction of Korea Eco-label

## Current State

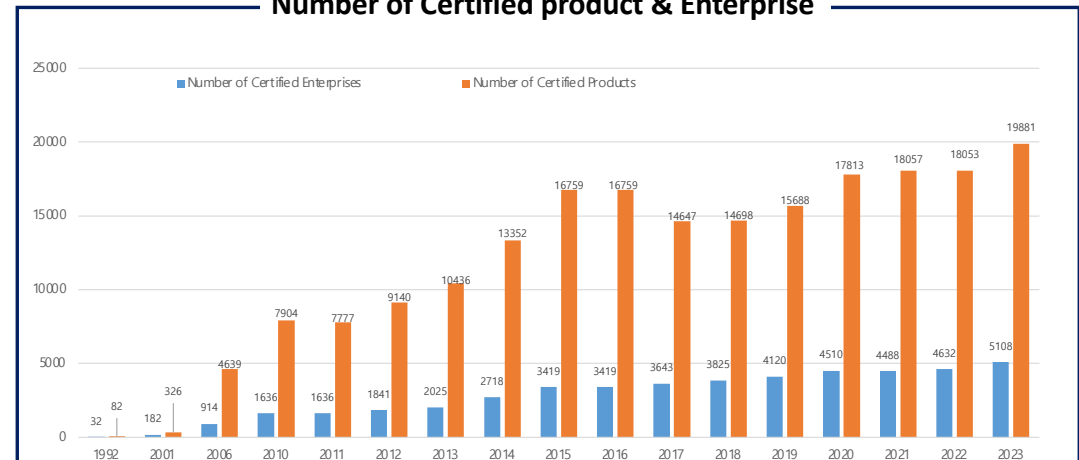
- **Status of Criteria**
  - Korea Eco-Labeling criteria : **160 ea** (As of 2023)
  - The Criteria can be grouped into **8 categories**
- **Status of certification**
  - Increased number of certified products **326('01) → 19,881(As of August. 2023)**
  - Proportion: **Construction materials(58 %), Office equipment & furniture(13 %)**

※ Office Equipment & furniture / Construction material / Personal and Household goods / House item / Transportation, leisure / Industrial Product, equipment / Mixed use and other / Service)

Number of Korea Eco-Labeling Criteria



Number of Certified product & Enterprise



## 2 Act on the Promotion of Purchase of Green Products

### Definition of “Green Products”

- Products that minimize the input of energy and resources and the generation of greenhouse gases and pollutants.
- in Framework Act on Carbon Neutrality and Green Growth for Coping with Climate Crisis*

### Scope of “Green Products”

*in Act on the Promotion of Purchase of Green Products*

Type	Korea Eco-labelled Products	Good Recycled(GR) Products	Low Carbon Products
Logo			
Operational Purpose	Environmentally friendly products throughout the entire process	High-quality products manufactured by recycling waste resources	Products with reduced greenhouse gas emissions
Target Products	160 product groups including office equipment, home appliances, and household goods	17 fields including recycled paper, recycled rubber, recycled plastic, and recycled wood	All products except medical devices, pharmaceuticals, primary agricultural, livestock, and forestry products
Organization	Ministry of Environment/KEITI	Ministry of Trade, Industry and Energy/National Institute of technology and Standards, Resource Circulation Industry Certification Institute	Ministry of Environment/KEITI
Homepage	Greenproduct.go.kr	Buygr.or.kr	Edp.or.kr



## 2 Act on the Promotion of Purchase of Green Products

### Responsibilities to Encourage Purchase of Green Products

in *Article 3*

- The heads of **public institutions** shall actively promote formulation and implementation of plans, data surveys, education, publicity, training of human resources, etc. necessary to encourage purchase of green products.
- **Business operators** shall endeavor to produce green products, improve the quality thereof and use green materials or parts for green products.
- **Nationals** of the Republic of Korea shall endeavor to use green products for environment-friendly consumption.



**Public Institution**



**Business Operators**



**Nationals**

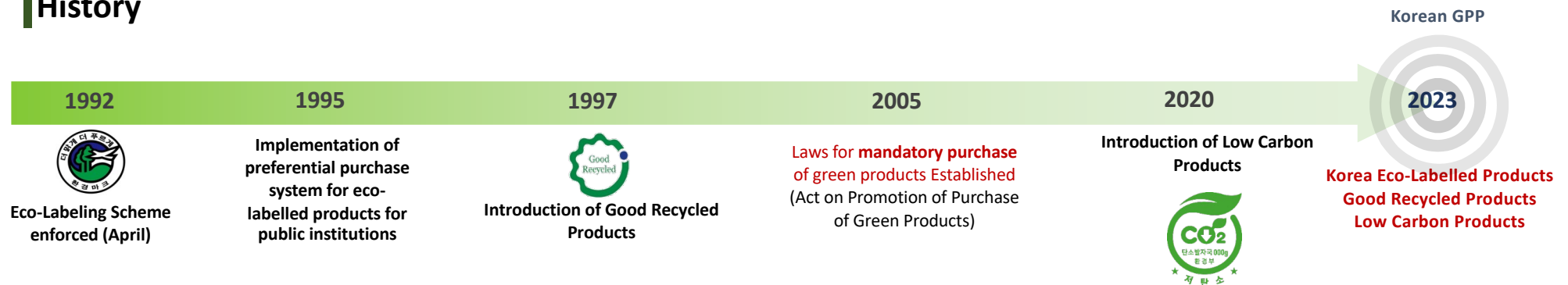
## 2 Act on the Promotion of Purchase of Green Products

### Mandatory Purchase of Green Products

in *Act on the Promotion of Purchase of Green Products*

- A system that makes it mandatory for public institutions to purchase green products when purchasing goods.  
(Subject) National institutions, local governments, public corporations, public institutions

### History



## 2 Act on the Promotion of Purchase of Green Products

### Subjects for Mandatory Purchase

- About **30,000 institutions** in Korea
- Including national institution, local government, public institution, public corporation, public enterprise, local government laboratory

### Coverage of Green Product Purchases

- When purchasing a green product directly
- When purchasing through a contract of service
  - (ex) a printing service - printed paper purchased by a printing company
  - a cleaning service – Toilet paper, detergent, soap to complete the service
- Materials purchased by a construction company during construction work
  - (ex) construction - materials such as windows purchased by contractor

## 2 Act on the Promotion of Purchase of Green Products

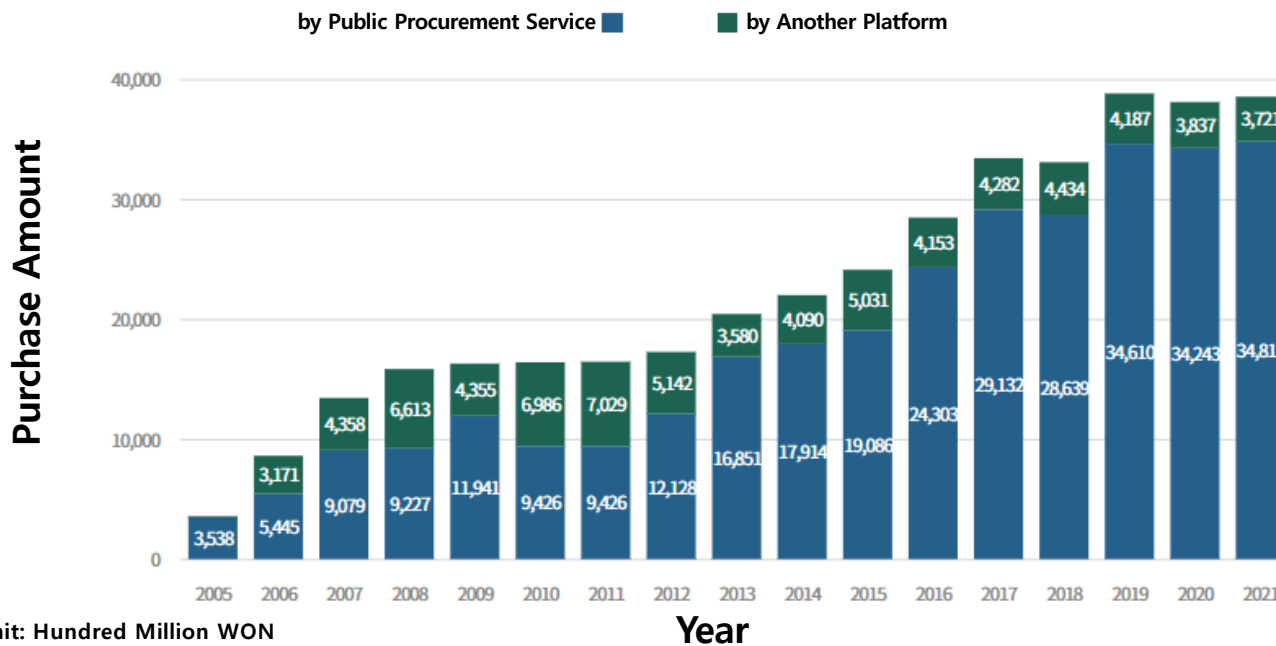
### Other Articles that cover in this Law

- The heads of public institutions may **designate a person who is responsible for general supervision and management of purchasing green products** as an officer in charge of purchasing green products. in *Article 6*
- The Ministry of Environment shall annually **establish guideline for purchasing green products** for the following year. in *Article 7*
- The heads of public institutions shall **formulate and publicly announce implementation plans for purchasing green products** for the relevant fiscal year in accordance with the guidelines for purchase established under Article 7 within two months after each fiscal year begins. in *Article 8*
- The heads of public institutions shall **aggregate purchase records of green products** pursuant to implementation plans and **submit such purchase records to the Minister of Environment** within three months after each fiscal year ends. in *Article 9*



### 3 Purchase Performance from GPP

#### Purchase Amounts from Korean GPP



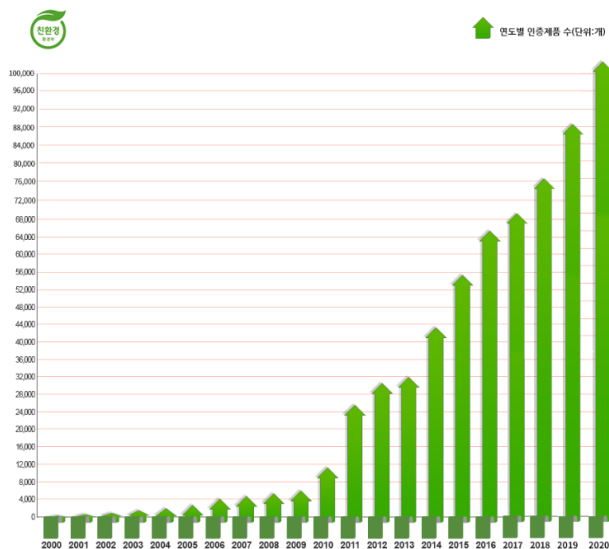
Unit: Hundred Million WON

=> Increased by **4.5 times** from **₩ 861.4 billion** in 2006 to **₩ 3.8 trillion** in 2021  
*\$639.8 million* *\$2.8 billion*

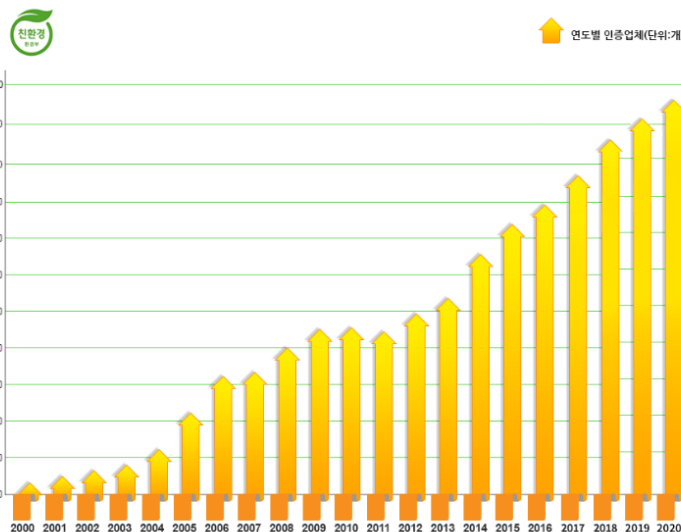
=> Only for **Korea Ecolabel**, accounts for 81 % as of 2021 (**₩ 3.1trillion**)  
*\$2.3 billion*

# 3 Purchase Performance from GPP

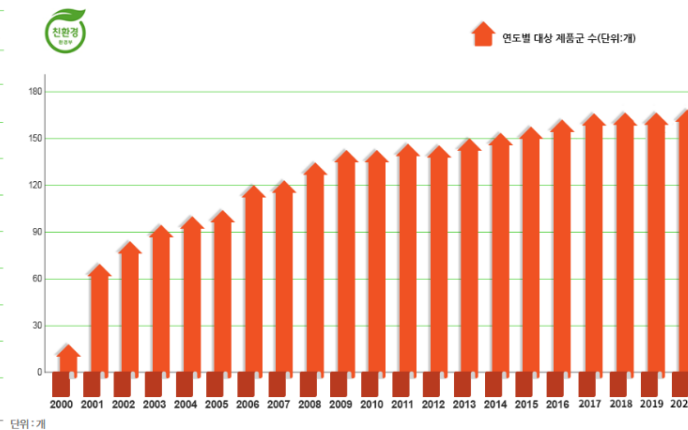
## Number of Certified Products



## Number of Certified Companies



## Number of Certification Criteria



=> All Increase !

## 4 Future Plans for GPP & Ecolabel

### Master Plans for Encouraging Purchase of Green Products

- The Minister of Environment shall formulate a **master plan for encouraging purchase of green products** every five years, ... in *Article 4*
- The Master plan shall include the following matters:
  - 1) **Policies and promotion plans** to encourage the purchase of green products
  - 2) **Analysis of records of green products** purchased by public institutions and measures to increase such purchases
  - 3) Matters concerning **international cooperation** with regard to green products

### Step by step Approach and Each of Main Tasks)

- 1<sup>st</sup> (2006~2010) : Expansion of standards for ecolabelling products
- 2<sup>nd</sup> (2011~2015) : Designation of “Green Stores” and operation of “Green Card”
- 3<sup>rd</sup> (2016~2020) : Improvement of accessibility to green product’s information

# 4 Future Plans for GPP & Ecolabel

## The 4<sup>th</sup> Master Plan for Encouraging Purchase of Green Products (2021~2025)

1) Activating certification of daily necessities by improving certification standards



**Diapers for Adults**




**Kitchen Fire Extinguisher**




**Stationery**

### Revision



**Kitchen Hood**



**Tableware**

### Establishment



## 4 Future Plans for GPP & Ecolabel

### The 4<sup>th</sup> Master Plan for Encouraging Purchase of Green Products (2021~2025)

2) Inducing certification in the **service sector** for eco-friendly consumption



**Hotel service**



**Café service**

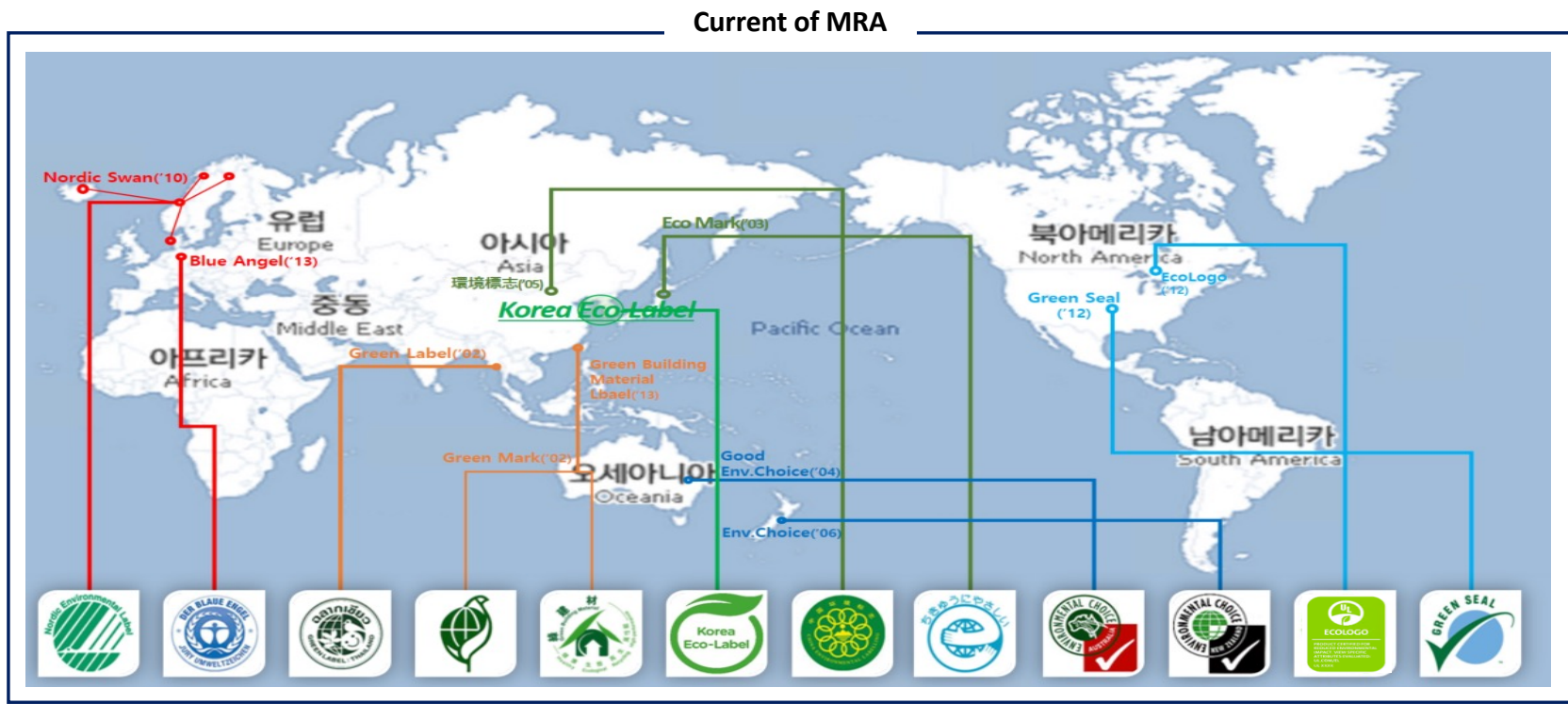


**Multi-use container rental service**

# 4 Future Plans for GPP & Ecolabel

## The 4<sup>th</sup> Master Plan for Encouraging Purchase of Green Products (2021~2025)

3) Strengthening the network between countries by establishing MRA and common standards





**Ministry Of  
Environment**

The Korea Eco-labelling is a 30-year certification system enforced by the Ministry of Environment and KEITI.



# Thank you

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