

IGPN

International Green Purchasing Network

- Overview - Global Activities of Green Purchasing

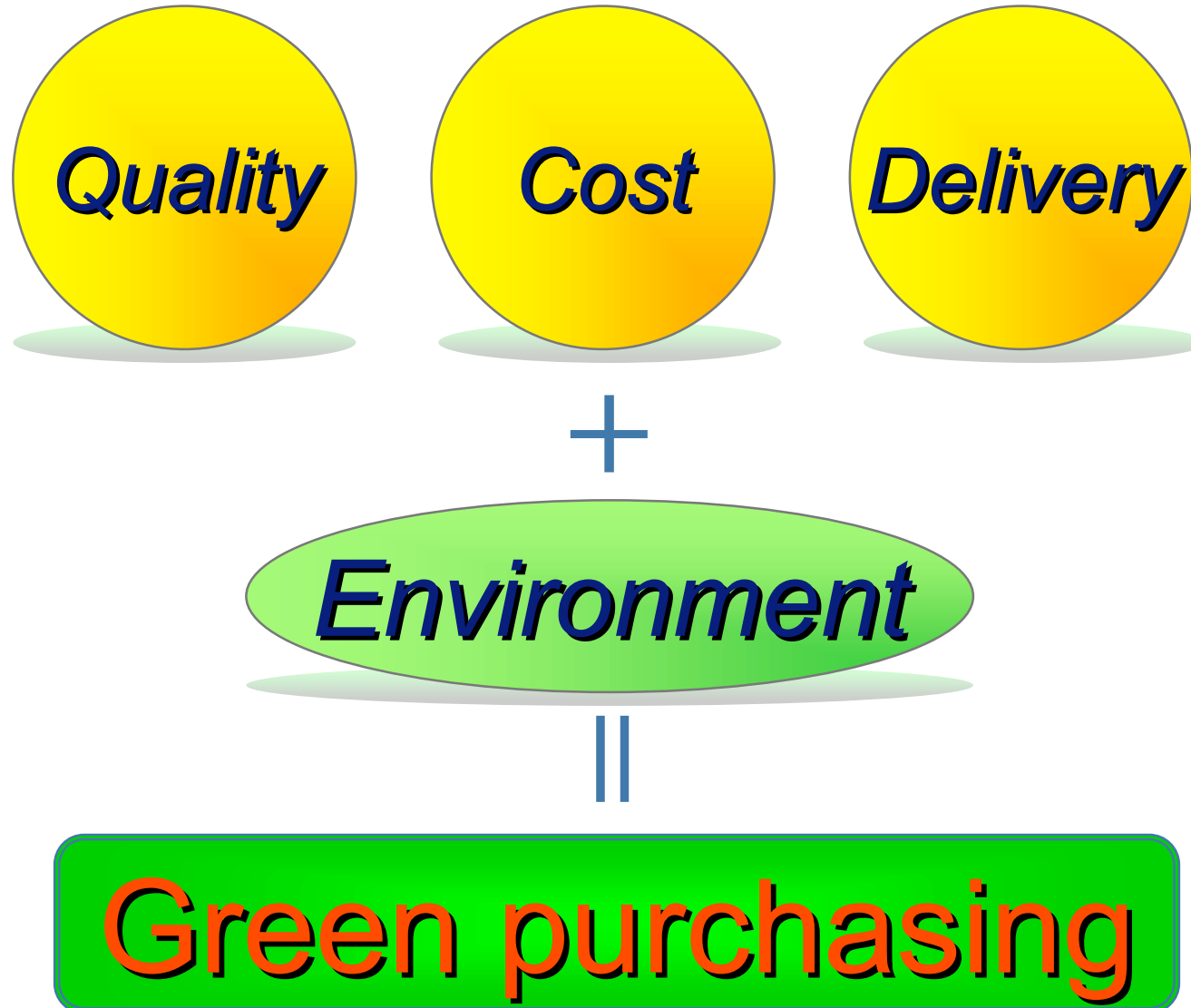
Hiroyuki Sato
Secretary General, GPN/IGPN

GPN Green
Purchasing
Network
グリーン購入ネットワーク





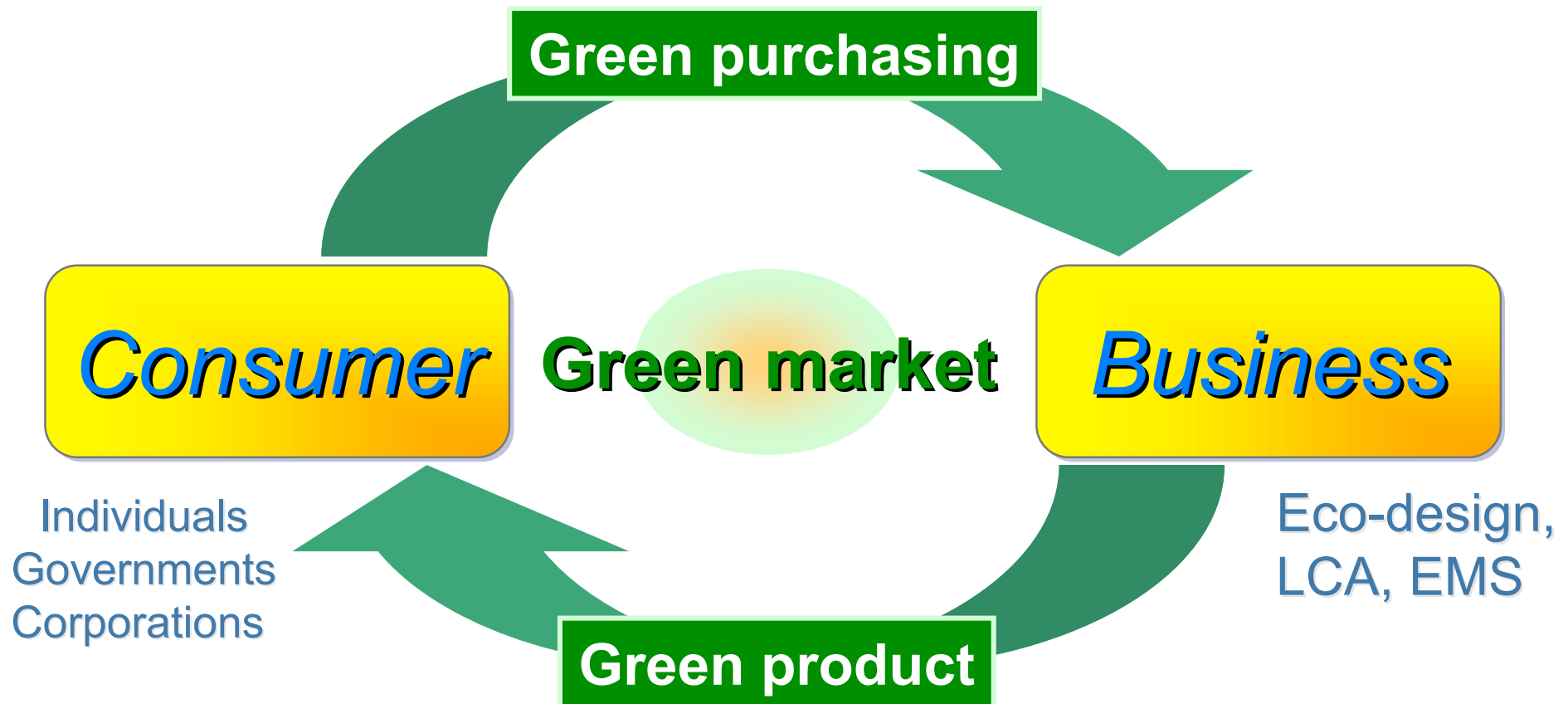
What is green purchasing?





Green purchasing promotes Sustainable Businesses

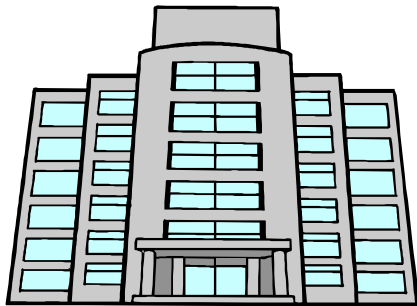
Encourage environmentally conscious management and product development through the market



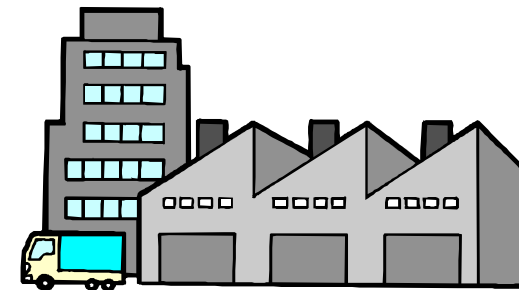


Who are players?

Government



Corporation



Consumer

→ *Green consumer*



- Anyone can take the initiative!



Green Purchasing Policies of Public Organizations

Purchasing Power of Public Organizations

- **Europe:**
 - Public purchasing: 1 trillion EURO/year
 - Over 14% of GDP
- **US:**
 - Federal government spending \$500 billion/year
 - State/local governments spending \$400 billion/year
- **Japan:**
 - National government spending: ¥14 trillion/year
 - Local governments spending: ¥4 trillion/year
 - Totally 17.6% of GDP
- **UN:** \$3 billion/year–value of business opportunities linked to UN direct/indirect spending: \$30 billion



Effect of Green Purchasing

RELIEF Project

by ICLEI - Local Governments for Sustainability

Project funded by EC to identify environmental relief potential of green purchasing in Europe

Desktop Computer

- Over 2.8 million units purchased by public authorities
- 830,000 tones of CO₂-equiv. could be reduced.
 - 982,000 global person equivalents

Electricity

- 61,350,363 tones of CO₂-equiv. could be reduced.
 - One quarter of European Kyoto commitments

Sanitary Devices

- 190,407,539 l of water consumption could be reduced.

Buses, Food



Effect of Green Purchasing

GPN Annual Suppliers Survey, Japan

2001 Survey

- 74% of 673 supplier companies responded “**sales amounts of green products have increased** in the past couple of years”.
- 75% have **increased number of green product items.**

2002 Survey

- 74% of 802 suppliers responded “**customers’ interest in green products has increased.**”

2003 Survey

- 58% of 722 suppliers responded “**sales amounts of green products have increased in the past year**”.



IGPN International Green Purchasing Network

International Green Purchasing Network (IGPN)

- Launched in April 2005
- Based on Sendai Declaration (Oct. 2004)

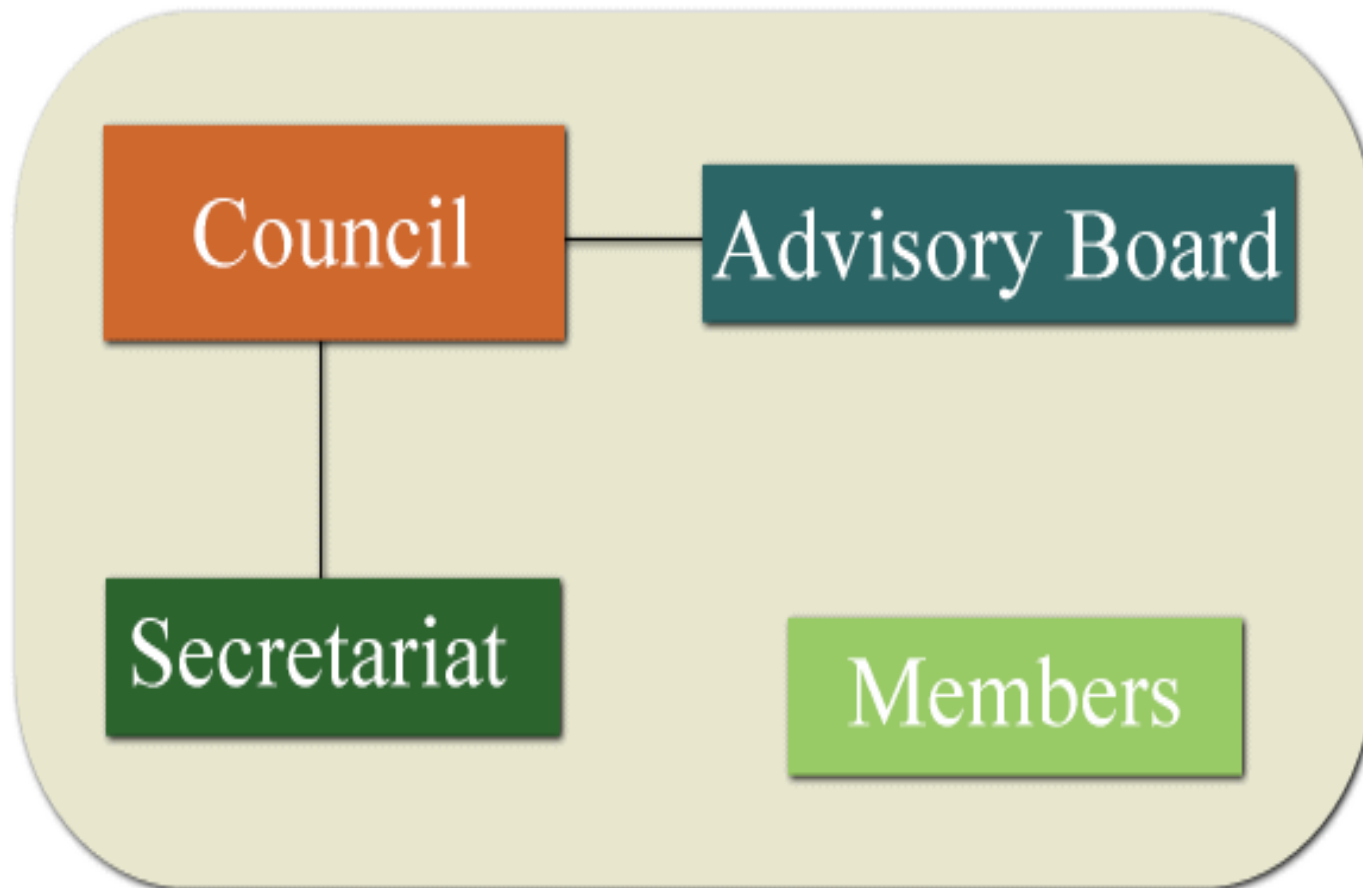
■ Mission

- **Globally promote** the spread of environmentally friendly product and service development and Green Purchasing activities
- **Share information** and know-how internationally on Green Purchasing and environmentally friendly products
- **Harmonize** the efforts of Green Purchasing and the development of environmentally friendly products and services from a global viewpoint



Organizational Structure of IGPN

■ Organizational Structure





Council Members of IGPN

★Green Purchasing Network (GPN)

Ryoichi Yamamoto, Honorary Chair, The University of Tokyo *IGPN Chair

★ICLEI

Konrad Otto-Zimmermann, Secretary General
*IGPN Vice-Chair

★Sweden Environmental Management Council (SEMCO)

Peter Nohrstedt, Lead Manager

★North American Green Purchasing Initiative (NAGPI)

Scot Case, Director of procurement strategy

★Korean Green Purchasing Network

Duk Seung Lee, Secretary General

★Green Purchasing Network Malaysia

Kiyau Loo Lee, President



IGPN International Green Purchasing Network

Advisory Board Members of IGPN

- Chikako Takase, **UN DESA**
- Monique Babuet, **UNEP**
- Augustine Koh, **Asian Productivity Organization (APO)**
- Ning Yu, **Global Ecolabelling Network (GEN)**
- Christopher Browne, **Environment Agency of England and Wales, UK**
- Julie Shannon, **US-EPA**
- Dana Peterson, **Ministry for the Environment, NZ**
- Pongvipa Lohsomboon, **Thai Environmental Institute (TEI)**
- Hiroshi Kamagata, **Ministry of the Environment (MOE), Japan**
- Hidefumi Ikeda, **Ministry of Economy, Trade and Industry (METI), Japan**
- Takashi Arai, **Sendai City**
- Satoshi Mukuta, **Nippon Keidanren**
- Teruo Saito, **Japan Environment Association (JEA)**



IGPN International Green Purchasing Network

Share Information, Experience, Know-how via Internet

http://www.gpn.jp/igpn/index.html - Microsoft Internet Explorer

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アドレス(D) http://www.gpn.jp/igpn/index.html

IGPN International Green Purchasing Network

Home [Global Activities](#) [About IGPN](#) [Event](#) [Links](#) GPN▶

The International Green Purchasing Network (IGPN) is an organization which promotes Green Purchasing around the globe by coordinating those who take the initiative in implementing Green Purchasing toward sustainable consumption and production. The network consists of international organizations, businesses, governmental organizations, local authorities and NGOs.

What's New

<p>NEW September 20, 2005</p>	<p>UK Sustainable Procurement Task Force to Publish Report Early 2006</p>	<p>IGPN launched on April 25</p> <p>Click to see the Press Release</p> <p>Click to see the Proclamation</p> <p>SENDAI DECLARATION on</p>
<p>NEW September 13, 2005</p>	<p>Agenda for the IGPN International Symposium in Bangkok is now available at Event Calendar.</p>	
<p>September 6, 2005</p>	<p>IGPN to Hold International Symposium in Bangkok, October 7</p>	
<p>July 27, 2005</p>	<p>International Symposium on Government Green Procurement, Beijing, June 28-29 & Related meeting on June 30</p>	



IGPN International Green Purchasing Network

IGPN Implementation Plans 2005-2006 **~ Promote Global Information Exchange and Develop Network**

- 1. Collect and deliver information on global Green Purchasing activities and the latest trends**
- 2. Hold workshops in Asian Countries**
 - Bangkok (Oct. 7, 2005), China, India, etc
- 3. Hold the second international conference on green purchasing**
 - planning in Sept. 2006 in Barcelona, Spain
- 4. Development of mid- to long-term activities**



IGPN International Green Purchasing Network

IGPN Implementation Plans 2007 **~ Development of Internationally Harmonized Activities**

1. Hold **workshops** and an international **conference**
2. Draw up Green Purchasing **guidelines**, develop product evaluation **tools** and a product **database**
3. Implement a means to **measure the effectiveness** of Green Purchasing, develop evaluation methods, and conduct research through international collaboration
4. Implement market **research** to contribute to promote Green Purchasing
5. Develop **training** materials and programs
6. Create an international commendation system



JAPAN Green Purchasing Activities

- **Green Purchasing Network (GPN)**
 - Founded in 1996
 - 2,800 members (2,200 companies, 300 governments, 300 NGOs)
 - 15 Purchasing Guidelines, Product DB(12,000 products registered), Hotel DB, Award, Training/Seminar, etc.
- **Government - Green Purchasing Law**
 - Action Plan for Greening Government Operations (1994)
 - Green Purchasing Law enacted in 2000
 - All the national institutions must draw up annual purchasing policy, implement, and report results.
 - 201 items are designated with criteria
- **Eco Mark Program**
 - Since 1989 by Japan Environment Association (JEA)
 - 5,000 certified products within 45 categories





EU Green Purchasing Activities

- **Commission Interpretative Communication (2001)**
on the Community law applicable to public procurement and the possibilities for integrating environmental considerations into public procurement
- **New Public Procurement Directives (March 2004)**
 - clarify possibilities for integrating environmental considerations at different stages of a public procurement procedure
- **Handbook on Environmental Public Procurement « Buying green! » (August 2004)**
 - give further explanations and best practice examples
- **General legal principles;**
 - Transparency, Non-discrimination, Link with subject matter of contract, mutual recognition of equivalent products /specifications/production methods/labels





EU Green Purchasing Activities -2

- **European Green Procurement Database**
 - Covers more than 100 product and service groups
 - Provides key environmental aspects, and existing Eco-labels for the product groups
 - http://europa.eu.int/comm/environment/green_purchasing/cfm/fo/greenpurchasing/
- **Status on green public procurement in EU;**

Percentage of administrations that include environmental criteria for more than 50 % of their purchases (study in 2003)

 - Average in EU: 19%
 - Sweden: 50%, Denmark: 40%, Germany: 30%, Austria: 28%, UK: 23%



US-EPA Green Purchasing Activities

- **Energy Star program (1992)**
- **Comprehensive Procurement Guidelines (1995)**
 - Promote purchasing recycled products
 - CPG Supplier Database
- **Farm Bill (2004)**
 - Encourage purchase of bio-based products
- **Environmentally Preferable Purchasing(EPP) program**
 - Based on “Executive Order 13101” (1998) which requires all the procurement officials to give preference to environmentally preferable products and services
 - **EPP Database**: Cover 53 products and service groups and link to various information sources
 - contract language, specifications, and policies
 - Environmental standards and guidelines
 - vendor lists of product brands
 - **Product focused EPP Guides, web-based training guide, Case studies, Pilot projects, role model of EPA**



TAIWAN Green Purchasing Activities

- **Legal base**
 - Energy Conservation Act, Government Procurement Act and Notice on Implementation of Resource Conservation Activities
- **Governments** shall preferentially purchase products on designated list
- **Designated categories** include office paper, stationary, computer, refrigerators, air conditioners, water saving toilets etc.
- **73.8% purchasing ratio** in designated categories in 2003 (much above 50% target)
- If purchasers do not conform to requirements, finance departments may refuse payment



KOREA Green Purchasing Activities

- **Green Purchasing Law**
 - Promulgated Dec. 2004, enforced July 2005
 - Mandate public agencies to purchase environmentally friendly products(Eco-Products)
 - **Definition of Eco-Products**
 - Korea Ecolabel-certified products or products satisfying certification criteria
 - Good Recycled Mark-certified products or products satisfying certification criteria
 - Other eco-products satisfying criteria deliberated upon notified by the MoE





KOREA Green Purchasing Activities - 2

- **Green Purchasing Law (cont'd)**
 - MoE annually set up **Purchasing Guidelines** of Eco-Products
 - Public agencies establish and announce **Purchasing Plans** of Eco-Products, practice, and submit annual performance reports.
 - Provide **preferential grants** of environment-related subsidies to local governments
 - **KOECO**(Korea Eco-Products Institute) was established to provide information, develop criteria, and educate officials.
- **Korean Green Purchasing Network**
 - Established in 1999 based on Green Consumer Network
 - Draw up purchasing guidelines, publish eco-products catalogue, give awards, conduct survey, etc.



CHINA Green Purchasing Activities

- **Government Procurement Law**
 - Enacted in 2003
 - Current legal base for green purchasing
 - Prescribe government to purchase environmentally friendly products
- **Emerging trends**
 - Some local authorities has made some policies to promote green purchasing
 - Olympic Commission of Beijing implements green purchasing
 - Large-scale public works invites bidding for green products
- **Plan to develop green purchasing law and/or relevant regulations to promote green purchasing by around 2010**



Global Activities



Global Activities

How to use the Activities Matrix

- Due to space limitations, information was included that will assist Green Purchasing by **providing the user with "search terms"**, explanations), that may be utilized when examining other resource website.
- The matrix may also be used for **organizations to compare their** organizations to encourage continual improvement, and also give **looking for advice** should you be implementing new activities.
- The matrix also acts as an at-a-glance collection of links. **Click or member on the sample to jump to that organization's details page** page offers a more thorough overview of that organization's activity **you directly to the original webpage** of that particular organization full.

- Currently Available Tables of The Matrix of Global Activities
- [International Organizations](#)
 - [National Governments](#)
 - [NGOs conducting label operations](#)
 - [NGOs without label operations](#)

http://www.gpn.jp/igpn/green_map Inter.html - Microsoft Internet Explorer

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"Green MAP"
International Organizations

Matrix of Global Activities for Green Purchasing
(alphabetical order)

Organization Information	Organization Name	ICLEI - Local Governments for Sustainability	UNEP - United Nations Environmental Programme	World Bank	
Type of Organization		International Organization	International Organization	International Development Organization	
Region		All	All	Corporate: Headquarters and Global Field Offices	Operations: Global
Program Name/Main Activity		Sustainable Procurement (Procura+ and BIG-Net)	Production and Consumption Branch (Sustainable Consumption)	Green procurement & Socially responsible purchasing for organizational purchasers	Environmentally and Socially Responsible Procurement (ESRP)
Location/ Office where the program is managed		European Secretariat Freiburg, Germany	Paris, France	Washington DC, U.S.A.	Washington DC, U.S.A.
Green Purchasing Activities	General Guidelines/Principles (which apply to all areas 'in general')	Procura+ Milestones & Procura+ Manual	Environmentally & Socially Responsible Purchasing Working Group since 01/12	Green procurement policy	IBRD and IDA Procurement Guidelines allow for the introduction of environmental aspects into the bidding process



IGPN International Green Purchasing Network

Conclusions

- **Governments already started green purchasing across the world and had made successes.**
- **Legal framework securing green purchasing is necessary.**
- **Businesses are also expected to practice green purchasing as well as to supply eco-products.**
- **Provision of product-related environmental information is essential.**
- **International sharing of experiences, information, know-how contribute to dissemination of green purchasing.**

***Thank you for your kind
attention.***

IGPN Website : <http://www.gpn.jp/igpn>