



IGPN and Green Purchasing Activities on Global Level

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INTERNATIONAL GREEN PURCHASING NETWORK



Introduction to IGPN

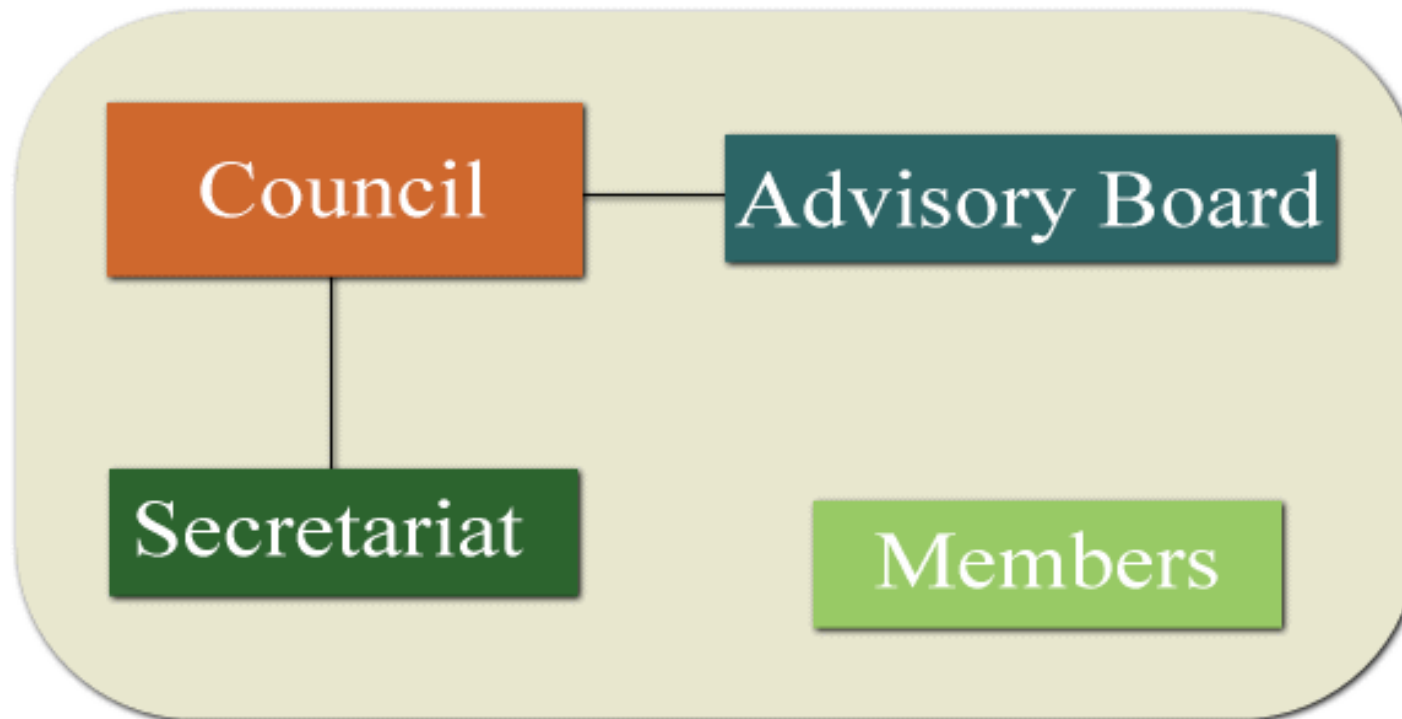
- **Launched in April 2005**
- **Based on Sendai Declaration in October 2004**

Missions

- **To promote the development of environmentally friendly products and services and Green Purchasing activities around the world**
- **To collect and share information on global Green Purchasing activities, the best examples, know-how, products information, purchasing policies and recent trends**
- **To harmonise the efforts of Green Purchasing and the development of environmentally friendly products and services from the global viewpoint**

IGPN Organisational Structure

■ Organizational Structure





IGPN Council Members

- **Green Purchasing Network (GPN)**
Prof. Ryoichi Yamamoto, Honorary Chair,
The University of Tokyo *IGPN Chairman
- **ICLEI**
Konrad Otto-Zimmermann, Secretary General
*IGPN Vice-Chairman
- **Swedish Environmental Management Council (SEMC)**
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 Advisory Board Members

- 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, **U.S. Environmental Protection Agency**
- Chen Yanping, **Environmental Development Center of State Environmental Protection Administration, China / Environmental Certification Center of State Environmental Protection Administration, China**
- 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)**



Responsibilities

Council

Enact IGPN Charter, and approve modifications, matters concerning organisational management, project proposals and project reports (incl. budgets) and membership admissions

Advisory Board

Give technical advice and guidance on IGPN activities based on past experience upon request of the Council or Secretariat

Secretariat

Draft project proposals, conduct projects and manage financial administration. Currently the Secretariat is located within Green Purchasing Network (GPN) in Japan



Plans for 2006

Exchange information and develop international network

- Collecting and delivering information on Green Purchasing activities and latest trends on global level
- Holding workshops in Asian countries
 - India (March), China (March), Singapore (November)
- Holding the 2nd International Green Purchasing Conference in Barcelona, Spain (September)
 - In conjunction with EcoProcura 2006
- Developing Green Purchasing kit
- Building global Green Purchasing database
- Conducting analyses of Green Purchasing guidelines around the world

The 2nd International Green Purchasing Conference



To be held in conjunction with **EcoProcura 2006**

- **Date:** 20th~21st September 2006
- **Place:** Barcelona, Spain
- **Organised by:**
 - LEAP Project Consortium
 - International Green Purchasing Network (IGPN)
 - ICLEI
- **Supported by:**
 - Provincial and City Councils of Barcelona
- **Registration started in March**
- **Deadline for Call for Paper: April**
- **Further information:** <http://www.iclei.org/itc/ecoprocura2006>





Implementation Plan for 2007

Develop internationally harmonised activities

- Holding **workshops** and an international **conference**
- Drawing up Green Purchasing **guidelines** and developing product evaluation **tools**
- Implementing means to **measure the effectiveness** of Green Purchasing, developing **evaluation methods** and conducting research through **international collaboration**
- Implementing market **research** to contribute to promotion of Green Purchasing
- Developing **training** materials and programs
- Creating an international commendation system

Share information, experience and know-how via Internet



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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

Search This Web Site

JOIN IGPN

What's New!

- December 22, 2005** **The information on the Office of the Federal Environmental Executive of the USA is now available from the IGPN web site.**
- December 1, 2005** **IGPN now offers memberships !**
- November 24, 2005** **The 2nd International Green Purchasing Conference is to take place in conjunction with EcoProcura 2006 in Barcelona, Spain.**
- November 24, 2005** **A list of information on various events in the UK, Canada, Switzerland and New Zealand is now available!**
- November 7, 2005** **GPN to exhibit on Food in Eco-Products 2005**
- November 7, 2005** **Bio-Plastics Green Purchasing Research Group to be Born**
- October 11, 2005** **IGPN held International Symposium on Green Purchasing in Bangkok on 7th October 2005**
- October 11, 2005** **China, Japan, Korea to Utilize IGPN**
- September 20, 2005** **UK Sustainable Procurement Task Force to Publish Report Early 2006**
- September 13, 2005** **Agenda for the IGPN International Symposium in Bangkok is now available at Event Calendar.**

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Global Activities

Here you will find a several tables of the Matrix of Global Activities for Green Purchasing, which was developed as a tool to compare and contrast activities of various organizations around the globe. >> [Details of Global Activities](#)

World Area



MEMBER
AUSTRALIA
BRAZIL
CANADA
CROATIA
CZECH
EU
GERMANY
GREECE
HONG KONG

The Australian Environmental Labelling Association Inc (AELA)
 Associação Brasileira de Normas Tecnicas (ABNT)
 Terra Choice Environmental Service Inc, Environment Canada
 Ministry of Environmental Protection and Physical Planning
 Republic Ministry of the Environment
 European Commission - DG ENVIRONMENT (G2)
 Federal Environmental Agency (FEA)
 ASAOS, Supreme Council for Awarding the Ecotabel
 (GC) Green Council
 (HKFEP) Hong Kong Federation of Environmental Protection
 (HKFEP) Limited
 Central Pollution Control Board(CPCB)

INDIA
JAPAN



IGPN Mid-Term Goal

- **IGPN aims to disseminate Green Purchasing activities around the world and contribute to the creation of a sustainable society.**
- **Expand Green Purchasing activities in developing countries/regions with large populations with fast growing economy
E.g. South East Asia and China**



Green Purchasing Activities on Global Level



History of Green Public Procurement

- **1987:** The Brundtland Commission defined the concept of Sustainable Development
- **1991:** **Green production and consumption** concept incorporated into national policies/plans in Netherlands (1989) and in Denmark
- **1992:** Principles for sustainable production and consumption included **green procurement** (Rio Declaration, **Earth Summit**)
 - Eliminate unsustainable patterns of production and consumption
 - Enact effective **environmental legislation, standards, objectives**
 - Trade policy measures for environmental purpose should not constitute international trade barriers

History of Green Public Procurement

(cont'd)



- **Post Earth Summit Action Plans by UNCSD & OECD included**
 - Incorporate **environmental costs** into product prices
 - Promote **green government procurement** measures
 - Extend **manufacturers' product life-cycle responsibilities**
 - Promote **eco-labeling** programs
- **2002: Recommendation of the Council on Improving the Environmental Performance of Public Procurement adopted by OECD Council**
- **2002: WSSD Plan of Implementation**
 - Authorities to take sustainable development considerations into account in decision-making
 - **Public procurement policies** to be promoted by encouraging development and diffusion of environmentally sound goods & services

Purchasing Power of Public Organisations



■ EU:

- Public purchasing: €1 trillion/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: ¥44 trillion/year
- In total 17.6% of GDP



■ UN:

- \$3 billion/year worth of business opportunities linked to UN direct/indirect spending of \$30 billion





Effect of Green Purchasing

RELIEF Project by ICLEI - Local Governments for Sustainability

- Project to identify environmental relief potential of green purchasing in Europe

The potential of green purchasing

Product	Impact category	Environmental relief thru public green purchasing	Corresponding person equivalents
Buses	Photochemical ozone formation (tC ₂ H ₄ -equiv.)	-3,350	-134,110 (European)
Sanitary devices	Water consumption (l)	-190,407,539	n/a
Computers	Greenhouse gas emissions (tCO ₂ -equiv.)	-832,320	-101,503 (Global)
Food	Nutrification (tPO ₄ -equiv.)	-41,560	-3,676,492 (European)
Electricity	Greenhouse gas emissions (tCO ₂ -equiv.)	-61,350,363	-7,481,752 (Global)

Source: "Eco-procurement. The path to a greener marketplace." by ECLEI

Effect of Green Purchasing

- **EU (results of green public procurement study - 2003)**
 - On average **19%** of administrations included environmental criteria for more than **50%** of their purchases in EU
 - Better performing countries: **Sweden (50%), Denmark (40%), Germany (30%), Austria (28%), UK (23%)**
- **USA**
 - Promote green procurement since 1976 to purchase green products with characteristics of **recycled contents, low standby power, renewable energy, bio-based contents, and no ODC**
 - Purchased over 60 products with **recycled contents** - value exceeds 3.6 billion USD over past decade
 - Purchased 552 million kWh **green electricity** in 2003

JAPAN

Green Purchasing Activities



■ Green Purchasing Network (GPN)



- Founded in 1996 by governments, businesses and associations
- Currently has 2,800 members (2,200 companies, 300 governments, 300 NGOs)
- Established 15 purchasing guidelines, product DB (12,000 products registered), hotel DB, award system, training / seminars, etc.

■ Government - Green Purchasing Law

- Green Purchasing Law enacted in 2000 and enforced since 2001
- All state ministries & agencies required to draw up annual green procurement policy, implement plan and report results
- All state institutions obliged to purchase designated procurement items

JAPAN

Green Purchasing Activities



- **Eco Mark Programme**

- **Established by Japan Environment Association (JEA) and widely in use since 1989**
- **Currently 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 (cont'd)

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

USA

Green Purchasing Activities

- **Energy Star program (1992)** 
- **Comprehensive Procurement Guidelines (1995)**
 - Promote purchasing of 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

CANADA

Green Purchasing Activities



- Government of Canada's Green Plan (1990) included green purchasing
- Established Commissioner of the Environment and Development (1995)
- Launched "Sustainable Development in Government Operations (SDGO)" (1999)
- Adopted SDGO proposal included green purchasing as priority area
- Published **green purchasing guidelines and checklists covering papers, furniture, hotels and meetings/events**
- Major promotion programs include Environmental Choice, Energy Star, Green Leaf Eco-rating Program

THAILAND

Green Purchasing Activities



- Thai Green Purchasing Network founded in August 2004 under the project “Development of Greening the Supply Chain (GSC) Model for Use in Thailand”
- Secretariat: Thailand Environment Institute
- Missions
 - To define concept and definition of “Green Purchasing and Procurement” and “Green Product” in Thailand
 - To gather information and materials related to “green products” and disseminate to public
 - To provide guidelines about Green Purchasing procedure “best practices”.
 - To raise consumers’ awareness on Green Purchasing policy and green products in Thailand
 - To organise information exchange forum among members and other organizations



Conclusions

- **Governments across the world already started Green Purchasing and have made considerable successes.**
- **Legal framework securing Green Purchasing is necessary.**
- **Businesses expected to practice Green Purchasing as well as to supply eco-products.**
- **Provision of product-related environmental information is essential.**
- **International sharing of good experiences, information and know-how will contribute to dissemination of Green Purchasing.**



**Thank You
for your attention.**

**Please visit new IGPN web site
www.igpn.org**
