



BUSINESS ENVIRONMENT COUNCIL
商界環保協會


The Hong Kong Eco-Products Award 2007

Dr Andrew Thomson
Chief Executive Officer




Background

- **Lead Organizer**
 - Business Environment Council
- **Co-organizers**
 - The Chinese General Chamber of Commerce
 - The Chinese Manufacturers' Association of Hong Kong
 - The Federation of Hong Kong Industries
 - The Hong Kong General Chamber of Commerce
- **Endorser**
 - Global Ecolabelling Network



Objectives


- To recognize environment-friendly or Eco-Products and those visionary companies that manufacture them
- To encourage local manufacturers to reduce the environmental impact arising across their products life-cycle
- To raise the awareness of general public by promoting the availability of Eco-Products, and
- To encourage significantly more green purchasing across all sectors



2007 Entry Status Statistics

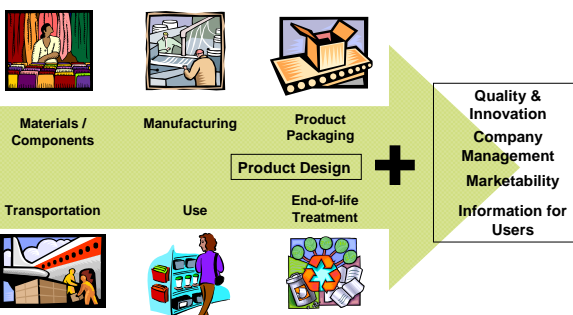
- 28 applications from 21 companies, including **18** new applicants

Product Nature	Percentage
Electronic Products	39%
Toys	11%
Office Supplies	11%
Building Materials	11%
Furniture and Household Products	3%
Others	25%



Judging Criteria

- Address environmental attributes across **product life-cycle**




Judging Panel Members

- Dr Andrew Thomson, Chief Executive Officer, Business Environment Council
- Dr Wai Tze Kong, Chairman of Environmental Concern Subcommittee, The Chinese General Chamber of Commerce
- Mr Kevin Lau, General Committee Member, The Chinese Manufacturers' Association of Commerce
- Ms Jess Tam, Manager of Membership Relations & Q-Mark Divisions, Federation of Hong Kong Industries
- Mr Oscar Chow, Chairman of Environmental Committee, Hong Kong General Chamber of Commerce
- Prof Philine Bracht, Visiting Associate Professor, School of Design, The Hong Kong Polytechnic University
- Prof Yanta Lam, Professor, School of Design, The Hong Kong Polytechnic University
- Dr Ning Yu, Former Chair, Global Ecolabelling Network

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Award Winners

Hong Kong Eco-Products Award 2007

Gold Award

- DIMMERABLE (Model no.: WL218d) – Neonlite Electronic & Lighting (HK) Ltd

Silver Award

- PING PONG (Model no.: GA807i) – Neonlite Electronic & Lighting (HK) Ltd
- SA5125 Flash Audio Video Player – Philips Electronics Hong Kong Limited

Bronze Award

- Print-Rite PRO-ECO series – Remanufactured Laser Cartridge for HP Q5949A – A & J Technology Ltd
- Town Gas – The Hong Kong & China Gas Company Ltd
- HTS8100 Cineos Soundbar DVD Home Theater – Philips Electronics Hong Kong Limited

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Award Winners

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Notable Mention Products

- CompoClay Building and Decorative Material – CompoClay International Holdings Limited
- Photonic High Efficiency LED Tube – Photonics & Co. Ltd
- 3P Environmentally-Friendly Construction Board – Richenergys Development Limited
- Verdee Bamboo Flooring – Year Full Group Holdings Limited

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Performance Highlights of Winning Products

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Gold Award

Product: DIMMERABLE (Model no.: WL218d)
Company: Neonlite Electronic & Lighting (HK) Ltd

- The world's first linear dimming compact fluorescent lamp (CFL)
- Smooth dimming on dimmer switches with wide dimming range: 10%-100%
- Long lamp life: 10,000 hours, 10 times longer than incandescent bulb
- Consumes 80% less power than incandescent bulb
- Lead-free glass tube: reduce contamination to water and land supply
- Amalgam: less easy to evaporate than liquid mercury; Snap in assembly process: made dismantling easy for recycling
- Use mechanical method to connect filament to PCB; no soldering is required; easy to dismantle




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Silver Award

Product: Ping Pong (Model no.: GA807i)
Company: Neonlite Electronic & Lighting (HK) Ltd

- Only 83mm in height, 5mm in diameter; 44g in weight, use 17% less materials than predecessor GA607
- Prolong life span from 10,000 hours (GA607) to 15,000 hours (GA807i)
- With silicone protection: replace acid-frosting methods & prevent mercury leakage
- Lead-free glass tube: reduce contamination to water and land supply
- Amalgam: less easy to evaporate than liquid mercury; in return, safer to human
- Snap in assembly process: made dismantling easy for recycling
- Use mechanical method to connect filament to PCB; no soldering is required; easy to dismantle



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Silver Award

Product: SA5125 Flash Audio Video Player
Company: Philips Electronics Hong Kong Limited

- Philips green flagship product in 2007
- Lead-free product (in term of both process and components)
- 43% reduction in plastic material in packaging as compared to its predecessor SA9200/17
- Low energy consumption – 15% lower than the average of the competitors; Up to 20 hours of music or 4 hours of video playtime under full charge
- High durability – can withstand 130cm height drop



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Bronze Award

Product: Print-Rite PRO-ECO series – Remanufactured Laser Cartridge for HP Q5949A
Company: A & J Technology Ltd

- Re-assemble cartridges from used OEM Laser printers, refilling them with toner and replacing new component parts
- Reduce usage of raw materials up to 75% as compared to the manufacturing of new OEM laser cartridge
- 42% higher page yield when comparing with OEM laser cartridge
- Provision of recycling bag to encourage customers to return used product




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Bronze Award

Product: Town Gas
Company: The Hong Kong & China Gas Company Ltd

- Introduced natural gas as feedstock in addition to naphtha in 2006
- Reducing emissions: CO₂ by 26% (107,000 tonnes), SO_x by 40% (4.4 tonnes), NO_x by 42% (84 tonnes)
- Reduce fresh water consumption by 100,000m³ annually
- Started utilizing NENT landfill gas as production fuel in 2007
- Saves 43,000 tonnes of naphtha annually



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Bronze Award

Product: HTS8100 Cineos DVD Soundbar Home Theater
Company: Philips Electronics Hong Kong Limited

- With the most abilities to handle video content; has only 2 loudspeakers which provides the full 5.1 sound experience
- Philips green flagship product in 2007
- Low energy consumption – 73% less compared to the average of the competitors
- Comply with Philips standard of Restricted Substances which is more stringent than RoHS
- Awarded with several international product-based awards including EISA award 2007/2008 "Home theatre compact system", CES Innovation award 2007 and CNET's Best CES award 07



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Thank You

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