

Innovation and Technology Commission

Environmental Report 2005



1. Introduction

This is the sixth Environmental Report published by the Innovation and Technology Commission, covering the Commission's environmental policy, targets and achievements in different environmental aspects in calendar year 2005.

The mission of the Innovation and Technology Commission is to spearhead Hong Kong's drive to become a world-class, knowledge-based economy. We strive to enhance Hong Kong's competitiveness and develop our city into an innovation and technology hub. Since 2000, we have been working on the following initiatives:

- ♦ Supporting innovation and technological infrastructures including the Hong Kong Science and Technology Parks Corporation, the Hong Kong Applied Science and Technology Research Institute, the Hong Kong Jockey Club Institute of Chinese Medicine, Hong Kong Productivity Council, Cyberport, the Hong Kong Design Centre, the InnoCentre for design clusters, and five new Research & Development Centres;
- ♦ Providing a comprehensive funding programme to support innovation and technology development;
- ♦ Assisting our industries in developing a high value-added, high intellectual property and creativity content to move up the value-chain;
- ♦ Collaborating with the universities, technology support organisations and industry to strengthen the research capabilities in Hong Kong;
- ♦ Encouraging private sector investments in research and development; and
- ♦ Fostering an innovation and technology culture in the community, and promoting technological entrepreneurship.

2. Environmental Policy

Innovation and technological development cut across different fields, of which environmental management is one. We aim at providing support to Hong Kong industries to develop and implement advanced technologies for environmental management.

This Commission is also committed to providing a green office environment at the workplace and to ensuring that our operation is conducted in an environmentally conscious and responsible manner. We also educate and train our staff to ensure that they are aware of our departmental environmental policy, initiatives and their responsibilities such that they can participate actively in protecting the environment.

3. Support Measures to the Industry on Environmental Matters

Local industries and the society at large were more conscious about the environment than before. Industries recognised the need to adopt cleaner and more environmentally friendly technologies. The Commission continued to provide funding support to the development and adoption of clean environmental technologies and processes suitable for application in Hong Kong. Funding was available for eligible environmental technology-related projects under the Innovation and Technology Fund and the Applied Research Fund.

The Panel of Assessors for the Innovation and Technology Support Programme under the Innovation and Technology Fund would vet those environmental-related applications, among others, for funding support from the Innovation and Technology Fund. The Panel also monitored the implementation as well as effectiveness of the funded projects.

In 2005, the Innovation and Technology Fund provided funding support to 16 environment-related projects with a total commitment of about \$44.2 million. Examples of these projects are:

- High performance advanced materials for textile and apparel
- Design and fabrication of HID and LED lighting system for automotive illumination
- Integrated assessment system for renewable energy resources
- Innovative synthesis, formulation, production and application of environmental friendly paint for coatings of woodenware

- Medical and industrial devices based on piezoelectric materials

4. Green Housekeeping Measures

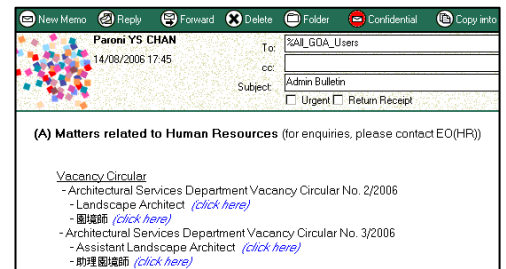
In support of the Government's efforts to protect the environment, this Commission is committed to ensuring that our internal operations are conducted in a manner conforming to environmental protection principles and practices. In 2005, we adopted the following green practices:

Paper Consumption

- ★ We continued the use of the web-based Electronic Leave Application and Processing System (E-Leave) to promote a paperless office environment.



- ★ We continued to make full use of the electronic modes for internal and external communications, official correspondences and information circulation..



- ★ The electronic Admin Bulletin board is widely used to disseminate information including telephone directory, training activities, newsletters, circulars, etc.

- ★ We continued to critically review the subscription of newspapers and periodicals.

- ★ We continued to subscribe to e-version of magazines and periodicals.

- ★ We used recycled paper in place of white paper when printing work was required.

- ★ We placed boxes holding single-side used paper beside photocopiers and printers to encourage the use of the blank side of used paper.



- ★ We sent festive greetings electronically.

- ★ We issued press releases and distributed application forms for funding support to members of the public through our website.

Energy consumption

- ★ In line with our commitment to adopt environmental measures in the fitting-out of our offices, we used energy saving fluorescent lamps in our office at Wu Chung House. As a result of that, we gained registration in the “Hong Kong Energy Efficiency Registration Scheme for Buildings”, confirming our compliance with the Code of Practice for Energy Efficiency of Lighting Installations.



- ★ We installed automatic sensor in each cellular office to ensure that lights would automatically be switched off when the room was not in use.



- ★ We kept reminding colleagues to switch off lights and electrical appliances when not in use. To save energy, a duty staff would turn off all unnecessary lights and electrical appliances after normal office hours. All lights in store rooms and conference rooms were switched off when not in use.



- ★ We affixed “Save Energy” stickers on sockets to remind colleagues to save energy.

- ★ We adopted ETWB’s initiative in setting room temperature at 25.5°C to reduce energy consumption.

- ★ We fixed thermometers at various locations to cross check the temperature setting.

Waste Management

- ★ We continued the collection of unwanted Compact Disc (CDs) for recycling.
- ★ We collected used printer toner cartridges for recycling.



- * We provided green boxes in offices for collection of waste paper and newspaper for recycling.
- * We reused envelopes and loose minute file jackets as far as practicable.
- * We remained alert to use the blank side of used paper for drafting, printing, photocopying and faxing documents.



Air Quality

- * We participated in the Indoor Air Quality (IAQ) Certification Scheme launched by the Environment, Transport and Works Bureau and the Environmental Protection Department. Our offices at Wu Chung House and Immigration Tower were certified complying with the “Good Class of the IAQ Objectives”.



- * We installed Nano Air Cleaner in the conference/meeting rooms to degrade pollutants and kill bacteria in the air.



- * We reminded all drivers to switch off vehicle engines while waiting.



5. The Way Forward

In 2006, the Commission shall continue the efforts in promoting and implementing green measures and housekeeping practices so as to make continual improvement. To ensure that the green efforts will be maintained and further improved, we are committed to:

1. continue to provide funding support to environment-related projects;
2. continue to promote and encourage the adoption of effective green

measures to provide a green working environment

3. keep encouraging and promoting staff participation
4. continue to conduct Indoor Air Quality Measurement in our offices with a view to pursuing a good air quality
5. encourage wider use of information technology to minimize paper and energy consumption
6. equip our staff with adequate computer facility and individual email account to facilitate the efficient transaction of departmental business by electronic means

6. Feedback

We welcome your valuable feedback on this Environmental Report. Please contact the Green Manager of the Commission by :

E-mail: enquiry@itc.gov.hk
Fax: 2730 4633
Post: Innovation and Technology Commission
20/F, Wu Chung House,
213 Queen's Road East,
Wanchai, Hong Kong.

This report is also available on the homepage of the Commission at <http://www.itc.gov.hk>.

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