

**Commerce, Industry and Tourism Branch  
Commerce and Economic Development Bureau**

**Environmental Report  
for the Period from April 2016 to March 2017**

**Introduction**

This Report sets out the environmental policy, commitments and progress of green management measures taken by the Commerce, Industry and Tourism Branch (CITB) of the Commerce and Economic Development Bureau for the period from April 2016 to March 2017.

CITB is responsible for the formulation and co-ordination of policies and strategies in relation to Hong Kong's external commercial relations, inward investment promotion, tourism, intellectual property protection, consumer protection and competition, as well as Belt and Road Initiative. It also oversees the development of policies and programmes for the industrial and trade sectors, as well as small and medium enterprises. There are five departments under CITB, namely the Trade and Industry Department, the Invest Hong Kong, the Intellectual Property Department, the Post Office and the Hong Kong Observatory. CITB is also supported by a network of twelve overseas Hong Kong Economic and Trade Offices.

CITB headquarters and the Tourism Commission (TC)'s main office are located at the Central Government Offices (CGO) in Tamar under the management of the Administration Wing. The Travel Agents Registry (TAR), the sub-office of TC, is in leased premises at Hopewell Centre, Wanchai. While the operational areas and commercial areas of the Kai Tak Cruise Terminal (KTCT) are being managed and overseen by the terminal operator, Worldwide Cruise Terminals, the communal areas of KTCT are under the management of TC. The Single Window Project Management Office (SWPMO) under CITB is accommodated at Customs Headquarters Building, North Point while the Food Truck Office is in leased premises at Chinachem Exchange Square, Quarry Bay. The five departments and the Hong Kong Economic and Trade Offices under CITB's purview operate independently in separate local and overseas premises respectively.

**Our Environmental Policy**

CITB fully supports the Government's commitment to conserve energy for sustainable development. This policy is shared by the five

departments which implement their own green measures and publish their respective environmental reports.

The work of CITB is mainly office-based. We strive to provide a green office environment for the workplace and ensure that our operation is conducted in an environmentally conscious and responsible manner.

## **Our Green Measures**

In working towards a better and healthier future, we have continued to protect and conserve the environment through –

- adopting technologies and green housekeeping measures for energy conservation, paper saving and using environmental friendly products;
- promoting waste reduction, re-using and recycling resources on an on-going basis; and
- promulgating our environmental policy and encouraging staff participation in environmental protection activities.

### ***(I) Energy Conservation***

As CITB headquarters and TC's main office located at CGO in Tamar are under the management of the Administration Wing, green measures on conserving electricity consumption and waste recycling among bureaux and offices in the building are centrally monitored by the Administration Wing. Since SWPMO is accommodated at Customs Headquarters Building, the electricity consumption of the office is covered by the Customs and Excise Department.

Regarding the leased office accommodation of TAR at Hopewell Centre, the overall electricity consumption has increased by 6.56% (from 39 029 kWh in 2015-16 to 41 592 kWh in 2016-17). The corresponding indirect emission of SO<sub>2</sub>, NO<sub>X</sub> and respirable suspended particulars were 79.44 kg, 48.25 kg and 2.50 kg respectively. The increase of electricity consumption was mainly attributable to the installation of two servers for the newly developed E-levy System since January 2016.

As regards the Food Truck Office which was set up in April 2016, the overall electricity consumption was 7 378 kWh in 2016-17. The corresponding indirect emission of SO<sub>2</sub>, NO<sub>X</sub> and respirable suspended particulars were 14.09 kg, 8.56 kg and 0.44 kg respectively.

We continue to adopt the following energy saving measures to upkeep our performance in electricity consumption in 2016-17 –

- (a) ***Air-conditioning:*** During summer time, the average office temperature at Tamar and KTCT was maintained within the range of 22-26°C. Colleagues were encouraged to dress lightly and lower window blinds to reduce direct sunlight. We also arranged regular cleansing for the dust-filters and fan coil units of our air-conditioning systems to achieve more efficient energy consumption. Air conditioning after standard supply hours was only provided on an operational need basis and under special circumstances.
- (b) ***Lighting:*** Motion sensors had been installed at Tamar offices to enable automatic control of lightings. General office lightings would be automatically switched off when the designated area was idle. Light sensors had also been installed along the window side, allowing automatic dimming of lights when natural sunlight was adequate for office operation. Officers were reminded to switch off the lights and desktop computers in their cellular offices when they were out for meetings, lunch and at the end of their workday.

Lighting of the Cruise Terminal Building was also switched on based on demand and operational needs. There were various lighting modes for controlling the lighting levels at different areas. Energy saving features, including lighting dimming control, occupancy sensor and interlock with fan coil units, have been installed at operational and office areas.

- (c) ***Office Equipment and Facilities:*** In 2016-17, we continued to use energy efficient models and reduce the number of office machines required whenever practicable. The computer monitors and printers acquired in the year were all equipped with auto switch-off or energy saving function. In addition, we affixed energy saving stickers on the electrical equipment (e.g. photocopiers) in open areas as a gentle reminder to staff. We also enabled power management features on the office equipment and installed digital timers to air purifiers, microwave ovens and water dispensers to enable automatic switching off of the appliances after office hours.
- (d) ***Green Management of Data Centre:*** We regularly monitored and measured server utilisation with a view to identifying underutilised servers for consideration of consolidation or virtualisation. All servers and network equipment procured in the year were specified with wide ranges of operating temperatures and humidity for energy

saving. Unused IT systems were decommissioned and idle IT equipment was shut down.

To ensure all lighting, electrical appliances and office equipment were properly switched off when not in use after office hours, we deployed a special inspection team to regularly patrol common areas and workplaces. They would report on any non-compliance cases noticed during patrolling.

**(II) Water Conservation**

Water flow controllers had been installed on all washroom taps to reduce water usage under Water Supplies Department's "Let's Save 10L Water" campaign.

**(III) Savings on Paper Consumption**

The overall paper consumption (all recycled paper) in 2016-17 has slightly increased by 4.84% (from 4 733 reams in 2015-16 to 4 962 reams in 2016-17). The increase was mainly due to the establishment of new offices in 2016-17, i.e. SWPMO, Food Truck Office, and Belt and Road Office (located at CITB Headquarters in Tamar).

In addition, we also actively promoted/undertook the following paper saving measures in the office –

- (a) **Computer-aided Facility Management System:** An electronic Resource Reservation System was put in place to facilitate the booking of conference rooms, IT equipment and other common facilities.
- (b) **E-communication:** All staff were provided with e-mail access. The majority of communications, both external and internal, were made through emails. Press clippings were also circulated through electronic means to reduce paper consumption.
- (c) **E-bulletin Boards:** E-bulletin boards were used for the dissemination of information to replace hard copies. There were a total of 18 e-bulletin boards in our Branch's LAN system.
- (d) **Reduced Use of Paper Cups and Plastic Bottles:** The use of paper cups and plastic bottles was kept to a minimum. Bottled water was not provided for meetings.
- (e) **Re-use of Paper:** Staff were encouraged to re-use used papers for drafting, printing or photocopying of file records. Envelopes and

file jackets were also re-used as far as possible.

- (f) ***Double-side Printing***: Network printers and desktop printers were equipped with duplex function to facilitate printing on both sides. Staff were encouraged to print multiple pages on a single sheet of paper and to preview documents before printing to avoid abortive printing.

#### ***(IV) Waste Management***

We arranged waste paper collection bags to separate waste paper from other wastes for recycling. In 2016-17, we collected a total of 11 922 kg of waste paper, and all used recyclable toner cartridges were collected for recycling.

#### ***(V) Green Procurement***

We continued to use recyclable toner cartridges for our printers and fax machines as far as possible. In addition, we also acquired recyclable stationery products and used degradable plastic bags for garbage bins.

#### ***(VI) Pollution Prevention***

Unleaded fuel was used by our departmental cars. Drivers were reminded of the requirement to switch off vehicle engines while waiting. To enhance fuel efficiency, they were instructed to drive at a steady speed and avoid sudden braking. Staff were also encouraged to use public transport whenever possible, and to maximise the use of departmental vehicles by combining trips and the use of pool cars.

As for KTCT, clean fuel of Euro V diesel was used for operating different elevating platforms (spiders) for window cleaning and also running standby power generators for emergency use. Other scissor platforms for carrying inspection at heights were driven on rechargeable battery power so as to eliminate air pollution.

Apart from adopting the green measures as mentioned above, we also placed topical green tips on the e-bulletin board to promote energy saving, water conservation, waste reduction and low carbon living. We have continued to appeal to the joint efforts of Branch colleagues in maintaining a green office environment.

## Clean Air Initiatives

To demonstrate the HKSAR Government's commitment in improving the air quality of Hong Kong, the then Chief Executive signed the Clean Air Charter on behalf of the HKSAR Government in November 2006. CITB's performance in fulfilling the commitments of the Clean Air Charter is illustrated below –

<i>Commitment</i>	<i>Performance</i>
(a) Achievement in Attaining World Class Standards	We have observed and complied with all the applicable ordinances and regulations on environmental protection related to our operation during the reporting year.
(b) Continuous Emissions Monitors at Significant Sources	The KTCT Building obtained the Indoor Air Quality Certificate (Excellent Class) in October 2016.
(c) Information Publication	We publish information on our energy and fuel consumption in the Controlling Officer's Environmental Report (COER) every year. The COER is uploaded onto our website for access by the public.
(d) Enhancing Energy Efficiency	We have enhanced energy efficiency by adopting various energy saving measures in our operation such as setting air-conditioning temperature within the range of 22-26°C, using energy-efficient office equipment, adjusting lighting to minimum requirements for illumination, encouraging colleagues to dress smart casual during summer months, etc.

<b><i>Commitment</i></b>	<b><i>Performance</i></b>
(e) Controlling Air Pollution on High Pollution Days	Staff are encouraged to share pool car services and use public transport for duty trips whenever possible. Staff are also reminded not to use products with high VOC (Volatile Organic Compounds) content which, according to research, will lead to smog formation.
(f) Experience Sharing	We attend briefings and experience sharing workshops hosted by EPD/EMSD and frequently visit GovHK's theme page on Environment to acquire relevant knowledge and new ideas on environmental protection for adoption in the offices. We welcome staff's suggestions and feedback on our COER. We also regularly post green tips onto our e-bulletin board to enhance staff's awareness of green office environment.
(g) Carbon Audit	Carbon audit was conducted on the communal areas of the Kai Tak Cruise Terminal and the total GHG emissions were 1,433.84 tonnes CO <sub>2</sub> -e. We have already implemented the recommended GHG reduction measures in the Carbon Audit Report for Communal Areas, Kai Tak Cruise Terminal, including minimising paper consumption, switching off lights and air-conditioners when rooms are unoccupied, operating equipment in energy saving mode when they are not intended for use for a long period of time, etc.

## **Conclusion**

We shall continue our endeavours to protect and improve the environment through green management practices in the Branch. We shall closely monitor our environmental performance on energy and paper consumption as well as the use of green products, and where applicable take advantage of new technologies to help preserve nature. We shall also strengthen our efforts to recycle waste papers and other recyclable wastes, and to enhance staff's awareness through various internal communication channels, e.g. e-bulletin board, e-mails, notices and publicity posters.

## **Feedback and Enquiries**

Suggestions and enquiries on this Report can be addressed to this Branch by the following means –

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