

## Environmental Report 2016

### Towards a Cleaner Environment

Our mission is to enhance the environmental awareness of Force members through education and publicity initiatives, and encourage them to help preserve the environment. We collaborate with various organisations to promote good environmental management practices, which include being compliant with the Clean Air Charter and all relevant green legislation and codes of practice.



The new Yau Ma Tei Divisional Police Station includes several designated green areas.

### Green Management

The Force encourages its members to adopt an environmentally responsible attitude towards the efficient use of resources, waste minimisation and pollution prevention in the course of their work. Its Steering Committee on Green Management monitors the implementation of various energy saving and environmental management initiatives within the Force.

### Environmental Performance in 2016

#### Energy Conservation

##### Energy Audit

In 2016, the Electrical and Mechanical Services Department conducted energy audits on 40 Force premises, and identified energy management opportunities specific to these premises.

## **Lighting Installation**

Energy-efficient light bulbs are widely used in Force premises. Unnecessary lighting in offices and common areas has been removed while low wattage tubes with occupancy sensors have been installed in staircases, common corridors and lift lobbies. Efforts are made to reduce the number as well as the operating hours of active floodlights in Force premises. LED bulbs are helping improve the energy efficiency of compound floodlights.

## **Electricity Saving Measures**

Measures to reduce energy consumption have included dividing office areas into separate electricity control zones, turning off lights in open plan offices with sufficient daylight, operating electrical equipment in energy-saving mode when not in use during office hours, using programmable timer switches to switch off electrical appliances after office hours, installing timers to control the supply of air-conditioning in common areas, turning off additional chillers during winter, replacing old window-type air-conditioners with energy-efficient variable refrigerant volume systems, shortening the operation hours of lifts, and reducing the water temperature of gas boilers. Solar water heating systems and energy-efficient water heaters have also been introduced to improve energy efficiency.

Green management principles have also been applied to Police canteens. The lighting and air-conditioning supply zones of Police Headquarters catering outlets have been reprogrammed, and supplies suspended in unoccupied areas and during break times. Similarly, in the New Territories South Regional Headquarters Officers' Mess, air conditioners and lightings have been re-zoned so that they could be operated independently and more efficiently. Canteen operators at other police stations have also been encouraged to switch off lighting and air-conditioning during non-peak hours.



LED lights have been installed in the Police Sports and Recreation Club.

### **Environmental Awareness among Staff**

Green management concepts have been incorporated in Police training programmes and activities. Force members are regularly reminded of green management issues during briefings, meetings and training days. Green Ambassadors / Green Wardens have been appointed to develop new green initiatives and raise staff awareness. Force members are encouraged to participate in green activities; for example, staff members of the Yuen Long Police District "Gardening Team" engaged in organic farming and turned food leftovers into fertiliser.



Officers of Yuen Long Police District engaged in organic farming.

## **Recycling Programme**

Recycling programmes have been introduced for waste paper, cans, plastic bottles, glass bottles, cartridges, waste cooking oil, fluorescent lamps and rechargeable batteries.

## **Food Wise**

The Force signed the Food Wise Charter in October 2015. Measures which have been introduced to reduce food waste included requesting canteen operators to provide food portioning options and encouraging staff members to order the right amount of food and take away leftovers.

## **Initiatives in New Police Buildings**

Green initiatives incorporated in the new Yau Ma Tei Divisional Police Station in West Kowloon included an innovative design to increase air circulation of the building and the use of energy-saving systems such as freshwater-cooled chillers, a cold-water circulation system, a solar-powered hot water system and an automatic demand-controlled ventilation system with carbon dioxide sensors.

Newly refurbished police facilities, such as the new Police Tactical Unit accommodation in Caine House and the former Shek Kip Mei Police Station, have also adopted energy efficient features, including T8 fluorescent tubes with electronic ballast and lighting-control, and programmable on/off controls for air-conditioning systems.





Solar panels have been installed on the roof of the Yau Ma Tei Divisional Police Station for water heating.



A green space at the Central Police Station.

## **Engagement with Stakeholders**

The Force continued to jointly organise the Used Clothing Collection Campaign with the Salvation Army, and also participated in the Lights Off Event - Earth Hour 2016 organised by

the World Wide Fund for Nature. In conjunction with the Hong Kong Productivity Council, electric vehicle chargers have been installed at strategic locations in Force premises.

### **Indoor Air Quality**

The Force participates in the Indoor Air Quality (IAQ) Certification Scheme and engages an accredited body to carry out regular IAQ inspections of offices with floor areas exceeding 10,000 square metres served by mechanical ventilation and air conditioning systems. About 20 Force premises have been identified to undergo IAQ inspections on a regular basis.

### **The Way Forward**

The Force will continue to follow the 3-R principles – Reduce, Re-use, Recycle – across its daily operations, and will monitor closely the effectiveness of its current energy saving measures. To support the Government's environmental protection policies and the initiatives to combat climate change, the Force will explore ways to further expand and promote its green management principles.