

Corporate Social Responsibility



Hong Kong International Airport (HKIA) has a well-established corporate social responsibility (CSR) programme. Commitment to environmental protection, and engagement with the community form an integral part of our vision for the sustainable growth of Hong Kong and HKIA.



growing together



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TRANSFORMATION

From monitoring air quality to enhancing the landscape and recycling commercial and industrial waste, HKIA's environmental initiatives have transformed the airport island into a green and pleasant gateway to Hong Kong.



The Airport Trail features beautiful coastal scenery and provides recreational space for the airport community and Tung Chung residents.

A Sustainable Future

Environmental care remains a guiding principle for our operations at HKIA and it is our strong commitment that environmental, social and economic considerations are factored into our business decision-making process. We will continue with our track record of responsible airport development and will ensure that environmental aspects are assigned a high level of importance in every aspect of our planned expansion. We will also require and encourage our business partners and the airport community and beyond to do likewise.

Understanding and Managing Air Emissions

Hong Kong is faced with the ongoing challenge of regional air quality. To demonstrate our firm commitment to minimise air pollution generated by HKIA, the Airport Authority (AA) signed the Hong Kong General Chamber of Commerce Clean Air Charter in May 2007. Initiatives aimed at reducing air emissions from our activities and operations at HKIA have been underway for many years and we are already achieving many of the Charter commitments.

For example, the Charter requires signatories to monitor significant pollutants and we continue to track outdoor air quality using two on-airport monitoring stations and a third station on Lung Kwu Chau, an island several kilometres north of HKIA. The wealth of data collected from these stations supports the view that air quality in Tung Chung is largely influenced by the broader air quality situation in the Pearl River Delta.

Air Emissions Reductions

A number of new commitments and initiatives aimed at reducing air emissions commenced in 2007. These included a commitment to install an airside liquefied petroleum gas (LPG) fueling point for vehicles and

ground support equipment, encouraging increased uptake of Fixed Ground Power and Pre-Conditioned Air by aircraft at frontal gates, and requiring those applying for new airside vehicle licenses to procure environmentally friendly vehicles.

At HKIA, government environmental air emissions policies and regulations are followed, including provision of the latest and cleanest diesel and gasoline to airside vehicles. After consulting our business partners, we have already formulated airside idling engine shutdown guidelines, which will soon be implemented.

From 2006 onwards, the AA has committed to the phased replacement of its entire vehicle fleet with hybrid, alternative fuel or fuel-efficient vehicles. We now have three LPGs and six hybrids in our fleet with plans to purchase five more hybrids in the coming year. Records show that each hybrid saloon car achieves almost four kilometres more per litre of fuel than its gasoline powered saloon car equivalent.

Achieving and maintaining good air quality in our indoor areas remains a priority at HKIA. The indoor air quality in Terminal 1 continues to achieve the Good Class status, and Terminal 2 will be certified to the same standard by the Environmental Protection Department (EPD) by the end of 2008.

Energy Efficiency

The AA's efforts in identifying and implementing energy saving measures are ongoing, and energy efficiency remains a key business goal. For example, the more efficient T5 fluorescent tube lighting is being phased in to replace less efficient tubes. More LED exit signage and lighting are used in our new facilities.

As air conditioning still accounts for over 40% of our electricity demand at certain times of the year, it remains a key focus for energy saving efforts. Air conditioning system adjustments and optimisation have included phase-in of Variable Frequency Drives in many of our pumping and air handling units while the use of environmentally friendly refrigerant additives has facilitated an increase in cooling efficiency.

Green Purchasing

In October 2007, the AA made a commitment with 10 other major corporations to be founding members of the Hong Kong Green Purchasing Charter. The Charter, coordinated by the Green Council, has the ambitious objective of promoting green purchasing in the private sector, and encouraging better recognition of the substantial environmental benefits achievable from selecting and procuring products and services with lower environmental impacts.

Waste Management

During the year, the EPD recognised us again for setting and achieving waste reduction and recycling targets and we are proud to maintain our Wastewi\$e Gold status. We were also awarded a certificate under the Source Separation of Commercial and Industrial Waste Scheme for our approach to managing the waste in our headquarters HKIA Tower. Our waste management efforts cover aircraft, passenger terminals, airport franchisees and tenants operating at the airport. Every day, over 12 tonnes of waste are recovered for reuse or recycling.

To promote good environmental management, we organised a "Waste Reduction Strategy and Implementation" competition for the airport community, and initiated a Green Airport forum to encourage environmentally friendly best practices in airfield operation.

In early 2007, the AA started to remove rubber on runways with ultra high-pressure water jets instead of detergents. The new, environmentally friendly system consumes very little water and does not use chemicals, saving 50,000 litres of detergents per year.

Greening Initiatives

During the year, we continued to sponsor Green Fun, a non-profit making organisation promoting environmental protection, and we contributed to the publication of a Green Fun Book, which was published in early 2008. We supported community environmental initiatives including promotion of and participation in FarmFest 2008, and a Roof Greening Competition for primary and secondary schools co-organised with Hong Chi Association. The AA also worked with Hong Kong Sheng Kung Hui Tung Chung Integrated Services to encourage organic planting in the Tung Chung community. Food waste collected from terminal kitchens was first composted and then provided as soil conditioner.

HKIA Landscape

Over the past 10 years, various landscape improvement works have been carried out at HKIA in order to provide memorable travel experiences for passengers. More than 20,000 trees and over 200,000 amenity shrubs have been planted.

The Airport Trail, which opened in 2006, features beautiful coastal scenery and provides recreational facilities for our neighbours in Tung Chung as well as the airport community. At the end of 2007, the SkyCity Nine Eagles Golf Course was launched, providing a green carpet to complement other facilities in the airport vicinity. The golf course has

now been in operation in full compliance with very strict "zero chemical use" criteria.

Community Engagement

We are strongly aware of the needs of the community and support a number of activities in our neighbourhood.

In January 2008, the AA cooperated again with Hong Kong Sheng Kung Hui Tung Chung Integrated Services to offer Tung Chung residents two half-day pre-vocational safety classes, which included airport-specific operation and safety information. The classes were well received by more than 50 participants, helping to enhance their safety awareness and prepare them for job opportunities at the airport.

Our Staff Club also participated in a variety of community programmes for the elderly and the needy. We arranged home visits to the elderly at Sha Lo Wan and held a Hong Kong SAR 10th Anniversary Celebration Carnival in Tung Chung. In Tuen Mun, we teamed up with Lingnan University and the local Neighbourhood Advice-Action Council Integrated Services Centre to drive community programmes for the elderly, young people and the environment. In June 2007, we sponsored a two-day job fair in Tuen Mun that provided more than 2,000 employment opportunities from 10 airlines and operators at HKIA. We also hosted a series of airport tours at HKIA for over 4,600 people including residents of Tung Chung and Tuen Mun.

In addition to various fund-raisers for local charities, we made company-wide donations to help snowstorm victims in China in March 2008 and to support the relief work for Sichuan Earthquake in May 2008. In recognition of our community activities, the Hong Kong Council of Social Service named the AA a Caring Organisation for the third consecutive year.

Amount of Waste Recycled by the AA in 2007

in tonnes

