



## A Leading Role in Energy Conservation Initiatives

We welcome the APEC Leaders' Declaration on Climate Change, Energy Security and Clean Development adopted in Sydney in 2007. As an APEC member, Hong Kong will honour its pledge to support the Declaration and seek to achieve a reduction in energy intensity of at least 25% by 2030 (with 2005 as the base year).

In fact, ever since the 1990s, EMSD has launched many pioneering energy conservation schemes. Our energy conservation work has two aspects: promoting energy efficiency and encouraging the wider use of renewable energy. Highlighted below are the latest developments in our efforts to support Government's policy to step up energy conservation.

### Proposed Mandatory Energy Efficiency Labelling Scheme

The Government has proposed a mandatory Energy Efficiency Labelling Scheme covering room air conditioners, refrigerating appliances and compact fluorescent lamps in the initial phase. The Energy Efficiency (Labelling of Products) Bill was introduced to the Legislative Council in 2007 and was passed in April 2008. It was estimated that the Scheme could help reducing 150 GWh of electricity consumption annually.

### Proposed Mandatory Building Energy Codes

To promote energy efficiency in buildings, the Government conducted a 3-month consultation on the mandatory implementation of the Building Energy Codes from December 2007 to March 2008. Various stakeholders and the community were consulted on the proposal through a variety of channels such as the media, professional conferences, technical talks and public forums. The views and comments collected will be considered in drafting of the legislative proposal, which is planned to be introduced to the Legislative Council in 2009.

### Scheme to Promote Fresh Water Cooling Towers

The Scheme aims to promote the wider use of fresh water evaporative cooling towers in air-conditioning systems which are more energy efficient than air-cooled systems. As of 31 March 2008, a total of 82 areas has been designated for the Scheme, including the newly designated areas of Mid-levels West and Pak Shek Kok.



Public Consultation on Proposed Mandatory Building Energy Codes



Water Cooling Towers at Young Men's Christian Association, Tsim Sha Tsui

Since the commencement of the Pilot Scheme and up till 31 March 2008, we have received over 340 applications, and 116 installations with a total cooling capacity of 647,000 kW have been completed and put into operation. We estimate that this would save electricity by 93 million kWh per annum and reduce green house gases by 65,000 tonnes per annum.

### The 2<sup>nd</sup> Hong Kong Energy Efficiency Awards

The competition aims to encourage the public to save energy, promote best practices, as well as to commend those who have made efforts, innovations and achievements in energy efficiency and conservation. This year's Awards competition attracted more than 1,400 entries between January and August 2007, and the winners achieved outstanding results. In the "Common Areas" category, energy savings of around 34% was registered when compared with the same period in the preceding year. For the "Households" and "Tenants" categories, some winners achieved energy saving of more than 40% and 20% respectively.



Award Presentation Ceremony of the 2<sup>nd</sup> Hong Kong Energy Efficiency Awards