

Achievement of Environmental Objectives and Targets and Environmental Targets for 2008

We recognize the importance of sustainable development and have been striving for continual improvement in the protection of environment by setting objectives and targets to improve our environmental performance.



Achievement of Environmental Objectives and Targets

We set environmental management plans yearly with clear objectives & targets.

We are pleased to conclude that most of our targets for 2007 were satisfactorily met.

The achievements are summarized as follows:

Objectives	Targets set for 2007	Achievement (as at 31 Dec 2007)
Implementation of Clean Air Charter initiative	To establish an Energy and Emission Management Team	An Energy and Emission Management Team comprising members from various offices was established in September 2007
Replacement of illuminated subway signs by non-illuminated retro-reflective subway signs with a view to reducing energy consumption	To replace 600 subway signs	Totally 602 subway signs were replaced
Installation of electronic ballasts with a view to reducing energy consumption	To install 2,000 electronic ballasts for road lighting	1,026 electronic ballasts were replaced with the remaining ones to be completed in 2008
Encouraging the use of recycled paper in the Department	To raise the percentage of recycled paper from 88% to 90% of the total consumption	Target was achieved
Better control of electricity usage by office equipment and lighting in individual floors of Ho Man Tin Government Offices where the Departmental Headquarters are located	To install separate electricity meters in individual floors of HMTGO to monitor electricity usage	Separate electricity meters were installed on 1/F to 6/F of HMTGO to monitor electricity usage
Developing low noise surfacing material	To commence a site trial to monitor the noise reduction performance of the new polymer modified bituminous material in expressway	Trial sections were laid in September 2007, and noise monitoring would be carried out for 2 years
Recycling materials	To commence a research study on the suitability and cost effectiveness of using rubber crumb from local scrap tyres in bituminous materials	We commissioned the Hong Kong Polytechnic University to carry out a study on asphalt rubber and asphalt rubber mixtures in June 2007
Planting trees and shrubs	To plant 130,000 trees & 500,000 shrubs under major highway projects	140,000 trees & 1,380,000 shrubs were planted
Heritage preservation (Central Kowloon Route Project)	To commence an investigation study for Central Kowloon Route with particular attention to preservation of built heritage	The investigation study commenced in August 2007 with particular attention to the preservation of built heritage

Environmental Targets for 2008

We always strive for continual improvement and will continue in 2008 to maintain a sustainable environment with more research initiatives, energy saving and greening measures in the protection of environment.

Objectives	Targets
Installation of electronic ballasts with a view to reducing energy consumption	To complete installation of 3,000 electronic ballasts for road lighting
Installation of dimmers at footbridges with a view to reducing energy consumption	To complete installation of dimmers at 10 footbridges
Implementation of Clean Air Charter initiative	Energy and Emission Management Team to arrange an Energy Audit to examine energy consumption equipment in Homantin Government Offices in early 2008 and recommend measures in minimizing energy consumption and reducing emissions
Encouraging the use of recycled paper in the Department	To raise the percentage of recycled paper from 90% to 92% of the total consumption
Further reduction in electricity consumption in individual floors of Homantin Government Offices where the Departmental Headquarters are located	To delamp some of the lamps of the corridors on UG/F to 6/F in early 2008
Recycling materials	To progressively introduce the use of asphalt incorporating reclaimed asphalt pavement in roadworks To complete the study on asphalt rubber and asphalt rubber mixtures
Planting trees and shrubs	To plant 250,000 trees/shrubs in the vicinity of major highway projects
Procuring environmentally-friendly contract vehicle	To procure at least one environmentally-friendly petrol private car model in each of the new major works contracts
Adopting site office equipment with energy saving label	To use site office equipment with energy saving labels in all new major works contracts
Dust emission reduction	To include a particular specification clause for dust suppression in all new major works contracts

We shall make every endeavour to achieve the above targets and hope that this publication will provide you with a glimpse of our efforts in environmental protection. Should you have any comments or suggestions on our work, please share with us your views through our homepage on the Internet (address: <http://www.hyd.gov.hk>). Thank you for reading our report.