

Achievement of Environmental Objectives and Targets / Looking Ahead

“ We recognize the importance of sustainable development and have been striving for continual improvement in the efficient use of resources by setting objectives and targets to improve our environmental performance. ”



Achievement of Environmental Objectives and Targets

We set clear environmental management plans with yearly objectives and targets. We have made satisfactory progress in meeting the objectives and targets set for 2006. The achievements are summarized below:

Objectives	Targets set for 2006	Achievement (as at 31 Dec 2006)
Replacement of electromagnetic ballasts with a view to reducing energy consumption	To replace 1,000 electromagnetic ballasts by electronic ballasts for road lighting	1,500 electromagnetic ballasts were replaced
Increase recycled paper consumption in the Department	To increase the consumption rate of recycled paper from 85% (achievement in 2005) to 88%	88% of photocopying papers consumed were recycled papers
Greening measures for the relevant sections of the General Specification for Civil Engineering Works (GS)	To provide CEDD with specification clauses and follow-up advice on environmental protection measures for incorporation into the relevant sections of GS	Greening measures on environmental protection were incorporated into the new GS
To enhance landscape features of major highway projects	To plant 95,000 trees and 330,000 shrubs in the vicinity of major highway projects	About 120,000 trees and 1,000,000 shrubs were planted
Waste management (Castle Peak Road Improvement Project)	To reuse and recycle the existing wave wall blocks for new seawall construction and foreshore reinstatement respectively	About 2,000 m ³ of existing wave wall blocks were reused/ recycled
	To recycle suitable excavated materials for backfilling works at abutments/retaining walls	About 45,000 m ³ of suitable excavated materials were recycled

Looking Ahead

We always strive for continual improvement. With the encouraging results achieved in 2006, we will continue in 2007 with more research initiatives and with greening measures in the enhancement of our environment.

Objectives	Targets
Implementation of Clean Air Charter initiative	To establish an Energy and Emission Management Team
Installation of electronic ballasts with a view to reducing energy consumption	To install 2,000 electronic ballasts for road lighting
Replacement of illuminated subway signs by non-illuminated retro-reflective subway signs with a view to reducing energy consumption	To replace 600 subway signs
Encouraging the use of recycled paper in the Department	To raise the percentage of recycled paper from 88% to 90% of the total consumption
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 Ho Man Tin Government Offices 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
Recycling materials	To commence a research study on the suitability and cost effectiveness of using rubber crumb from local scrap tyres in bituminous materials
Planting trees and shrubs	To plant 130,000 trees and 500,000 shrubs under major highway projects
Heritage preservation (Central Kowloon Route Project)	To commence an investigation study for Central Kowloon Route with particular attention to preservation of built heritage

We will 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, you are most welcome to share with us your views through our homepage on the Internet. (address: <http://www.hyd.gov.hk>)