



We endeavour to meet our quantitative flat production target and enhance the sustainability of the local public housing. By setting challenging yet realistic environmental, social and economic targets annually, we strive to improve and monitor our sustainability performance and direct it towards sustainability excellence. In 2013/14, we have set 68 targets which are detailed as follows:

### Environmental Awareness Raising Targets

Review and monitor environmental awareness in Public Rental Housing (PRH) by partnering with green groups and the Statistics Section to conduct survey on PRH residents.

Monitor environmental awareness and enhance general awareness of Housing Authority (HA) staff by reviewing and implementing training and publicity strategies.

Collaborate with green groups to conduct environmental awareness programmes in the PRH.

Enhance environmental performance of contractors on site.

Promote the PRH tenants' awareness and participation related to waste separation at source, waste reduction and green management initiatives.

Enhance staff environmental awareness and knowledge by organising seminars, displaying environmental issues at the HA Headquarters' (HAHQs) Green Corner and organising campaign.

Enhance community awareness on environmental protection by organising programmes to promote environmental protection messages.

## Energy Efficiency Targets

Reduce electricity consumption of landlord services installation in new domestic blocks by adopting Energy Codes and obtaining energy certificates for completed projects.

Explore and study the application of green design for building services equipment by completing the PV Panel system at Kai Tak Site 1B, monitoring the performance of the PV Panel system at Kai Tak Sites 1A and 1B, installing solar-powered lights in new estates for educational purpose and conducting carbon emission estimation and energy estimation for projects with domestic blocks at detailed design stage.

Explore and study the application of more energy efficient equipment by completing the lift system with regenerative power at Kai Tak Site 1B, monitoring the performance of the lift system with regenerative power at Kai Tak Sites 1A and 1B, monitoring the performance of the prototype Light Emitting Diode (LED) bulkheads installed at an existing estate and the LED bulkheads installed at Kai Tak Site 1A. Monitor the environmental lighting controls using motion-sensors and push buttons at the communal areas of domestic blocks at five pilot projects and implement those environmental lighting controls at the communal areas of all domestic blocks.

Reduce electricity consumption in the existing PRH blocks by studying and evaluating the replacement of existing light fittings equipped with electromagnetic ballast by more energy efficient lighting source and/or electronic ballast.

Conduct carbon audit in 14 typical PRH block types for monitoring and benchmarking purpose.

Reduce energy consumption of the Housing Department (HD) office premises by performing various energy saving initiatives.

### **Greening and Landscaping Targets**

Provide green treatment (e.g. hydro-seeding and tree planting) to newly formed slopes.

Add new vegetation and promote greening in new housing estates to meet the minimum target of one tree per 15 PRH flats. Conduct tree surveys to ensure that this is met. Achieve an overall target of 30% green coverage, and at least 20% as a minimum.

Promote local residents and the community to participate in early plant raising for new housing estates.

Promote community involvement in greening of the new PRH estates by introducing communal planting areas/community farms in master landscape layout plan at design stage.

Re-landscape and upgrade the existing landscape facilities in the selected PRH estates by improving soft landscaping through Landscape Improvement Programme and setting up thematic gardens in the selected PRH estates.

Promote green environment in PRH estates with Estate Management Advisory Committee's support through the provision of greening activities in estates.

Improve the slope appearance in the existing PRH estates by providing green treatment to hard surfaced slopes and improving existing vegetated slopes. Also, chunam surfaces will be improved through hydro-seeding, stone pitching and toe planters.

Promote staff involvement in greening activities by arranging staff to participate in Tree-planting Day.

### **Material Usage and Hazardous Materials Management Targets**

Further abate the remaining asbestos-containing materials in the existing HA managed properties by implementing asbestos abatement programme through estate redevelopment programme and asbestos removal works.

Use softwood timber from sustainable sources for all types of timber door cores in the PRH estates.

Use timber from sustainable sources for temporary works during construction.

Enhance the use of “green” materials and components.

Maintain the remaining asbestos containing materials in satisfactory condition in the existing PRH estates.

Use environment-friendly paper for printing of all publicity materials (except sales and marketing publications).

Control of hazardous materials to minimise harm to environment by collecting all disposed mercury-containing lamps in the HAHQs for special waste treatment.

### **Waste Management Targets**

Promote recovery of domestic waste for paper by arranging publicity activities in the PRH estates.

Promote recovery of domestic waste for aluminium cans by arranging publicity activities in the PRH estates.

Promote recovery of domestic waste for plastic bottles by arranging publicity activities in PRH estates.

Promote recovery of domestic waste for used clothes by arranging publicity activities in the PRH estates.

Reduce domestic waste by promoting waste reduction through various publicity campaigns such as Estate Management Advisory Committees newsletters and activities, and other joint activities with green groups.

Promote waste separation at source and green management initiatives in PRH estates by implementing Source Separation of Domestic Waste Programme in all estates, and setting up collection point in the PRH estates for collecting domestic recyclable from tenants.

Reduce A3 and A4 paper consumption in the HD offices by performing various initiatives to reduce paper consumption.

Collect waste paper in the HD offices and implement various initiatives to encourage paper recycling.

### **Water Conservation Targets**

Reduce flushing water consumption by developing specifications for pilot implementation.

Reduce irrigation water consumption by providing rain water harvesting system (RWHS) in new public housing developments.

Study the performance of the RWHS by reviewing the effectiveness and maintenance/ electricity expenditure of the RWHS system for all commercial centres and PRH estates where the system was installed.

Reduce water consumption at the HAHQs by recording and monitoring water consumption.

### **Social Targets**

Continue the implementation of the Marking Scheme for Estate Management Enforcement in all the PRH estates and non-domestic premises to enhance the living and business environments.

Conduct various initiatives for the HA staff, for example, activities organised by the HA Staff Club.

Active communications with staff and obtain feedback to enhance operational effectiveness.

Continue to actively work with relevant stakeholders to promote better understanding of the HA's policies and initiatives through different publicity channels.

### **Safety Targets**

Incorporate a safety pledge with commitment to site safety through listing requirements of service providers.

Continue to closely monitor the contractors' performance through mechanisms such as Performance Assessment Scoring System (PASS), Building Services PASS, Piling PASS, Demolition PASS, Maintenance Assessment Scoring System (MASS), Lift MASS, Housing Authority Safety Auditing System (HASAS), HASAS (Maintenance & Improvement), Surprise Safety Inspection Programme and Housing Authority Lift and Escalator Nominated Sub-contracts Safety Auditing System.

Continue to tighten monitoring of contractors with high accident rates.

Strengthen safety training on site management for contractors and supervisory staff.

Review the practicality of incorporating surprise safety inspection programme into PASS score.

Explore enhancements in contract controls for site safety.

Enhance the 'Integrated Pay for Safety, Environment and Hygiene' scheme by incorporating surprise safety inspection programme score.

Tighten control measures for high-risk operations on site.

Continue to hold regular seminars on best safety practices with the participation of contractors and project teams.

Continue to partner with industry stakeholders in territory-wide safety campaigns and publicity.

Improve safety of office operations with potential health and safety risks.

Continue to provide safety training for our staff.

Strengthen physical and management measures for major construction plant.

Enhance personal protective equipment for contractors' site personnel and our works staff.

Develop the Occupational Injury & Disease Surveillance System for capturing accident and incident data on site.

Develop mobile applications to streamline management of safety, quality and productivity on site.

Continue to update the Site Safety Website with site safety information and multi-media materials.

Continue to issue best practice circulars to contractors, service providers and frontline staff.

Enhance surprise check to lift works contractors for lift modernization and addition works.

Implement Preferential Tender Award System for District Term Contracts.

### **Economic Performance Targets**

Implement the rent adjustment mechanism.

Continue to minimise the vacancy of the PRH estates.

Conduct tenancy control and education campaigns with an aim to reduce abuse of housing resources.

Continue to assess of older estates and enhance their preventive maintenance and restoration.