



Objectives and Targets

Our sustainability performance is subject to regular review which ensures we work in line with our annual sustainability objectives and targets, and allows close monitoring on our progress towards an all-round sustainable operation. In 2019, we achieved most of our targets in environmental, project quality and social issues. Details of our major achievements during the year and the targets for 2020 are tabulated below.

On Environmental Issues

Long Term Objectives	Targets for 2019	Achievements	Target Compliances	Targets for 2020
Reduce water consumption	<ul style="list-style-type: none"> Water taps in 100% of new projects to be Grade 2 or above 50% of these projects to be Grade 1 under the Mandatory Water Efficiency Labelling Scheme (WELS) of WSD unless there are genuine operational or technical needs for not doing so 	<ul style="list-style-type: none"> All water taps in 100% of the 15 new projects are Grade 2 or above 93% water taps in these projects are Grade 1 	Complied	Obsolete ^[1]
Reduce energy consumption	<ul style="list-style-type: none"> To achieve overall thermal transfer value (OTTV) of not more than 23 W/m² in 100% of new buildings with air conditioning installations 75% of these projects to achieve an even lower OTTV of not more than 18 W/m² 	<ul style="list-style-type: none"> 100% projects with OTTV less than 23 W/m² 88% projects with OTTV less than 18 W/m² 	Complied	Enhanced to OTTV of not more than 18W/m ² in 100% of new buildings with air conditioning installations unless exempted

Promote a healthy and sustainable development	90% of the new in-house and outsourced projects with Capital Project Estimate (CPE) /Approved Project Estimate (APE) greater than \$30 millions shall use pulverised-fly ash (PFA) or ground-granulated blast-furnace slag (GGBS) in concrete	100% of the new projects have used PFA or GGBS in concrete	Complied	2019 target to be maintained in 2020
	In at least 25% of the new projects, prefabricated air duct with/without insulation shall be used to reduce construction wastage and to save on-site installation time	100% of the new projects have used prefabricated air duct with/without insulation	Complied	Obsolete ^[2]
	No targets set for 2019	/	/	100% of new projects with at-grade open space provision shall provide with tree canopies to cover at least 5% of the area of such open space within the project site unless exempted
	No targets set for 2019	/	/	100% of new projects shall adopt at least 1 no. design recommendation under each of the four overarching principles (i.e. safety, support, cognition and wellbeing) as described in the Elderly-friendly Design Guidelines unless exempted
Reduce the consumption of natural resources	To reduce the use of timber by using alternative structural solutions such as metal hoarding, system formwork, metal formwork, semi-precast flooring system, precast roofing, dry walls and other structural means such as steel structural section, left-in formwork, etc.	0.246 m ³ /\$million timber saved	Complied	Enhanced to at least 90% of the new projects shall reduce the use of timber by using alternative structural solutions such as metal hoarding, system formwork, metal formwork, semi-precast flooring system, precast roofing, dry walls and other structural means such as steel structural section, left-in formwork, etc.
	No targets set for 2019	/	/	To promote the use of Electric Vehicles (EVs), new targets were set up - 100% of the new maintenance term contracts shall be provided with at least 1 no. of EV and at least 3 nos. or 25% of total no. of contract vehicle procured during the year for capital works project shall be multi-purpose EV

Reduce the environmental impact	No targets set for 2019	/	/	100% of new projects that have designed to install paver materials on footways / pavements shall have at least 20% of that paved area using precast concrete paver materials containing recycled glass cullet
Comply with all relevant environmental legislation	To maintain a database to collect and analyse information regarding contractors' environmental regulatory performance	In 2019, there was 0.374 environmental legislation conviction per 100,000 man-hours in our sites against 0.162 no. of convictions per 100,000 man-hours in all Hong Kong sites	Complied	2019 target to be maintained in 2020
Increase environmental awareness	To record and monitor general technical advice on environmental protection measures in line with ArchSD environmental policy	1,470 nos. of environmental advice given as at 31 December 2019	Complied	2019 target to be maintained in 2020
Improve Green Housekeeping Management	To reduce A4 paper consumption by 7.5% as compared with the base year 2005	With data normalised, there was 64.4% and 12.8% saving when compared with 2005 and 2018 respectively	Complied	2019 target to be maintained in 2020
	To reduce electricity consumption (exclude A/C system) by 2% at QGO as compared with the base year 2013	With data normalised ^[3] , there was 33.8% and 13.9% saving when compared with 2013 and 2018 respectively	Complied	Enhanced to reduce electricity consumption (excluded A/C system) by at least 5% at QGO as compared with the based year 2013
	To reduce electricity consumption by 2.5% at APB Centre as compared with base year 2013	With data normalised ^[3] , there was 18.4% and 4.4% saving when compared with 2013 and 2018 respectively	Complied	Enhanced to reduce electricity consumption by at least 5% at APB Centre as compared with the based year 2013

[1] - The adoption/installation of water tap with Grade 2 or above under WELS of WSD has become a general design standard in ArchSD.

[2] - This target has been replaced by another new target in 2020 that at least 75% of the new projects shall adopt MiC/DfMA design approach (e.g. packaged pump set, integrated AHU, modular cooling tower plant & pipework, etc.) for BS installation to enhance works quality.

[3] - The electricity consumption was normalised with the consideration of number of servers and number of staff.

On Project Quality Issues

Long Term Objectives	Targets for 2019	Achievements	Target Compliances	Targets for 2020
Improve the quality of our services and project delivery	To ensure 100% of capital and minor works projects to be completed within the agreed time scale (in the Quarter of the year calendar)	100% of these projects had been completed within the agreed time scale in the scheduled quarters of 2019	Complied	2019 target to be maintained in 2020
	100% of the completed projects to achieve Satisfied Level or above on the overall performance in Client Satisfaction Survey	100% of the completed projects had achieved Satisfied Level or above on the overall performance	Complied	2019 target to be maintained in 2020
	90% of projects to complete outstanding works and defects rectification and issue maintenance certificate within 6 months from the expiry of the maintenance period	100% of maintenance certificate was issued within 6 months from the expiry of the maintenance period	Complied	2019 target to be maintained in 2020
	100% compliance with the target response time under the Code on Access to Information	100% of cases received were replied within the timeframe set out in the Code on Access to Information	Complied	2019 target to be maintained in 2020
	To conduct at least 3 nos. of seminars / experience sharing sessions on advanced BS topics to cultivate innovation design / construction	5 nos. of experience sharing sessions were scheduled/ conducted	Complied	Enhanced to conduct at least 5 nos. of seminars / experience sharing sessions to cultivate innovation design / construction such as MiC / DfMA for BS installations
	To have at least 45 nos. of harvested knowledge papers submitted to the ArchSD Knowledge Hubs for sharing of knowledge	Total 116 nos. of harvested knowledge papers were uploaded to various knowledge hubs	Complied	Enhanced to have at least 50 nos. of harvested knowledge papers submitted to the ArchSD Knowledge Hubs for sharing of knowledge
	To sustain continuous enrichment of knowledge with stakeholders to have at least 7 nos. of knowledge sharing or collaboration events with external stakeholders endeavouring to generate utmost stakeholder value and enhance collaborative innovation	30 nos. of knowledge sharing event were conducted with external stakeholders	Complied	Enhanced to sustain continuous enrichment of knowledge with stakeholders to have at least 15 nos. of knowledge sharing or collaboration events with external stakeholders endeavouring to generate utmost stakeholder value and enhance collaborative innovation

	No targets set for 2019	/	/	To strengthen staff training on innovation, a new target of organizing Academy talks on BIM, MiC, CO-i, etc. was set up - at least 8 nos. of sessions related to innovation shall be arranged
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On Social Issues

Long Term Objectives	Targets for 2019	Achievements	Target Compliances	Targets for 2020
Minimising accident rate for ArchSD staff	Accident rate for ArchSD staff should be not more than 0.18 occupational injuries per 100,000 man-hours worked	There were 2 reportable accidents with an accident rate of 0.051 per 100,000 man-hours worked	Complied	2019 target to be maintained in 2020
Minimising the accident rate in ArchSD contracts	Accident rate in ArchSD contracts should be less than 0.6 reportable accident per 100,000 man-hours worked	0.24 reportable accidents per 100,000 man-hours worked	Complied	2019 target to be maintained in 2020
Promoting the awareness on safety and health amongst construction workers	At least 50% of ArchSD contracts would participate in the ArchSD Site Safety Model Worker Award Scheme	73% of ArchSD contracts participated in Safety Model Worker Award Scheme in 2019	Complied	Enhanced to at least 55% of ArchSD contracts would participate in the ArchSD Site Safety Model Worker Award Scheme
Promoting the awareness on safety and health amongst contractors	At least 50% of ArchSD eligible contracts would participate in Development Bureau Considerate Contractors Site Award Scheme (CCSAS)	66% of eligible new works contracts and 100% of eligible maintenance term contracts participated in CCSAS 2019	Complied	Enhanced to at least 55% of ArchSD eligible contracts would participate in CCSAS
Enhancing the occupational safety and health within the workplace	Safety walk for workplaces would be conducted at least quarterly	Safety walk for workplaces had been conducted accordingly	Complied	2019 target to be maintained in 2020
Strengthening health and safety knowledge for project staff with external training	At least 12 nos. of external safety training courses should be arranged for project and office staff per year	18 nos. of external training courses were conducted and attended by 633 professional/ technical/ site staff in 2019	Complied	2019 target to be maintained in 2020

Upkeeping safety and health awareness of professional, technical and site supervisory staff, consultants and contractors with in-house briefing	At least 4 nos. of in-house workshops on safety and health should be organised	4 nos. of in-house training courses/ seminars were conducted	Complied	2019 target to be maintained in 2020
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