DATA SUMMARY

Environmental Performance

Resources Usage - Energy

	Units	2017	2016	2015	2014	2013
Electricity consumed (QGO and APB Centre) [1]	kWh/m^2	200	208	217	219	218
CO_2 emission equivalent to electricity consumption (QGO and APB Centre) [2]	Tonnes CO_2-e	3,553	3,664	3,840	3,817	3,808
Energy saved due to energy efficient installations [3]	GWh	4.44	5.74	5.16	0.79 [4]	6.90
Equivalent monetary savings [5]	HK$ million	5.33	6.89	6.19	0.95 [4]	6.90

	Units	2017	2016	2015	2014	2013
Avoided CO_2 emissions [3]	Kilo Tonnes CO_2-e	3.11	4.02	3.61	0.55 [4]	4.83

[1] Offices in QGO and APB Centre represent a majority of total ArchSD office space. Total ArchSD office area is assumed to be 25,386.2 m^2 (11,275.4 m^2 for APB and 14,110.8 m^2 for QGO 31/F& 33/F-41/F). The percentage of electricity consumption of the whole premises for ArchSD office at APB & QGO is assumed to be 100% and 20% respectively.

[2] Territory wide default GHG emission factors (0.7) were used based on the Guidelines to Account for and Report on Greenhouse Gas Emissions and Removals for buildings (Commercial, Residential or Institutional Purpose) in Hong Kong issued by the Environmental Protection Department, HKSAR in February 2010.

[3] Energy efficient features refer to energy saving installation for air-conditioning systems, lighting systems, hot water systems, lift & escalator systems, building energy management system and renewable energy technologies.

[4] The nature of the completed projects (i.e. parks, open spaces, promenade, aqua privies, radar station, etc.) in 2014 did not warrant significant energy saving in term of BS installations.

[5] The electricity tariff is assumed to be HK$ 1.2 per kWh and HK$ 1.0 per kWh from 2014 onward and before 2014 respectively.

Resource Usage - Fuel

	Units	2017	2016	2015	2014	2013
Fuel consumption by ArchSD's pool cars	Litre	12,626	12,656	13,071	12,800	13,142
GHG emission equivalent to fuel consumption by ArchSD pool cars [6]	Tonnes CO_2-e	34.2	34.3	35.4	34.7	35.6

[6] GHG emission factors for mobile combustion are based on the Guidelines to Account for and Report on Greenhouse Gas Emissions and Removals for buildings (Commercial, Residential or Institutional Purpose) in Hong Kong issued by the Environmental Protection Department, HKSAR in February 2010.

Resource Usage - Office Materials

	Units	2017	2016	2015	2014	2013
A4 paper consumption	Reams	16,947	18,082	18,169	18,485	18,346
A3 paper consumption	Reams	1,020	1,169	1,171	1,118	1,053
Envelop consumption	No.	37,615	35,672	42,883	44,084	43,294

Waste Management in Programme Areas of Facilities Development and Upkeeping

	Units	2017	2016	2015	2014	2013
Construction & demolition materials						
C&D waste disposed of to landfills	Tonnes	44,891	36,775	46,822	37,593	24,125
C&D materials disposed of to public fill areas	Tonnes	518,946	543,054	693,029	604,238	644,728
Recyclable waste collected at APB Centre						
Waste paper	kg	15,579	15,717	15,932	19,522	19,335
Aluminium	No.	2,050	1,676	1,631	4,918	5,900
Plastic bottles	No.	4,102	3,798	3,013	2,975	3,385

Environmental Convictions of Contractors

	Units	2017	2016	2015	2014	2013
Convictions per 100,000 man-hours	ArchSD's sites (All construction sites in HK)	0.034 (0.216)	0.122 (0.191)	0 [7] (0.25)	0.35 (0.275)	0.15 (0.618)
Monetary value of significant fines	HK$	5,000	100,000	0 [7]	227,000	18,500

[7] In 2015, most of the on-site projects were in the final stages of the construction, hence environmental impacts to the neighbourhood were manageable and contented.

Environmental Expenditure

	Units	2017	2016	2015	2014	2013
Resources devoted to environmental works [8]	HK$ million	1,101.3	568.4	639.3	761.6	892.2
Percentage of annual expenditure	%	9.7	6.3	7.3	10.9	12.2

[8] Resources devoted to environmental works included the expenditures on environmental nature projects and associated personal emoluments and departmental charges, staff's environmental training and works on maintaining environmental management system.

Social Performance [9]

Staff

	Units	2017	2016	2015	2014	2013
Staff establishment (As at 31 December)	No.	1,859	1,835	1,814	1,810	1,795

[9] Staff data is extracted from the records kept in the personnel section.

Staff Breakdown

By Post (based on staff establishment)		
Directorate	%	2
Professional	%	25
General Staff	%	20
Site Staff	%	31
Technical	%	22
By Employment Type		
Full-time	%	100
By Employment Contract		
Permanent (male)	%	63
Permanent (female)	%	31

Contract (male)	%	4
Contract (female)	%	2
By Age (31.3.2018)		
Age under 30	%	12
Age 30-49	%	46
Age 50 or above	%	42
By Ethnicity		
Local	%	100
Non-local	%	0
By Gender		
Male	%	67
Female	%	33

Staff Training

	Units	2017	2016	2015	2014	2013
No. of training courses (including internal and external seminars/ workshops/ training courses/ visits)	No.	412	366	374	287	270
Numbers of trainees	No.	7,488	8,302	6,961	6,619	6,674

Training Hours Breakdown [10]

Type of Staff	Total Training Hours Received (hours)	Training Hours Per Staff (hours)
Directorate Staff	1,343	36
Professional Grade Staff	17,204	37
Technical, Site Supervisory and General Grade Staff	17,501	13
Total	36,048	20

[10] As there is no distinct requirement regarding receiving training in terms of gender, we do not report the data broken down by gender.

Anti-corruption Training

Type of Staff	Number of Staff Participated Anti-corruption Training	Percentage of Staff against establishment
Directorate Staff	3	8.1%
Professional Grade Staff	129	27.7%
Technical, Site Supervisory and General Grade Staff	293	21.6%

Staff Turnover

	Male	Female
Age under 30	0.3% (6)	0.1% (1)
Age 30-50	1% (19)	0.1% (1)
Age 51-55	0.2% (4)	0.1% (1)
Age 56-60	3.5% (65)	0.7% (12)

New Employee Hires

	Male	Female
Age under 30	2.8% (51)	1.1% (20)
Age 30-50	2.7% (50)	1.2% (22)
Age 51-55	0.1% (1)	0% (0)
Age 56-60	0% (0)	0% (0)

Staff Injury

	Units	2017	2016	2015	2014	2013
Staff injury cases [11]	No.	2 (Male:1, Female: 1)	5 (Male: 4, Female: 1)	4	4	1
Staff sick leave granted for staff injury cases	Days	14.5	168.5	50	174	7

[11] The definition of staff injury cases is the reported cases of occupational injuries, under Employee's Compensation Ordinance, resulting in death or incapacity for work over 3 days.

Contractor's Accident Rate

	Units	2017	2016	2015	2014	2013
No. of fatalities [12] (ArchSD)	No.	1 (Male:1, Female:0)	2 (Male:2, Female:0)	0	1 (Male:1, Female:0)	0
Fatal accident rate [12] (ArchSD)	per 100,000 man-hours	0.003	0.007	0	0.004	0
Fatal accident rate [13] (HK Construction Industry)	per 100,000 man-hours	0.005	0.003	0.006	0.007	0.008
No. of non-fatal accidents (ArchSD) [12]	No.	94 (Male: 88, Female: 6)	70 (Male: 64, Female: 6)	98	80	68
Non-fatal accident rate [12] (ArchSD)	per 100,000 man-hours	0.28	0.26	0.34	0.30	0.27
Non-fatal accident rate [13] (HK Construction Industry)	per 100,000 man-hours	0.91	0.96	1.08	1.16	1.13

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[12] Data of 2017 and the previous years was extracted from PWP Construction Site Safety and Environmental Statistics System (PCSES) of DEVB as at 31 July 2018.

[13] The accident rate of the HK Construction Industry is based on the published statistics of the Labour Department and using a conversion of 1.67 accidents per 100,000 man-hours equivalent to 60 accidents per 1,000 workers per year.