DATA SUMMARY

ENVIRONMENTAL PERFORMANCE

Resources Usage – Energy

	Unit	2020	2021	2022	2023	2024
Energy used at the QGO and APB Centre						
Electricity consumed [1]	kWh	4 256 371	3 699 415	3 863 227	3 632 543	3 761 517
Electricity intensity [1]	kWh/m^2	125	109	113	106	109
CO_2 emission equivalent to electricity consumption [2]	Tonne CO_2-e	2 292	1 921	2 008	1 818	1 768
Total Electricity consumed per employee	kWh/employee	2 095	1 812	1 778	1 709	1 707
Total CO_2 emission equivalent to electricity consumption per employee	Tonne CO_2-e/ employee	1.041	0.885	0.924	0.855	0.802
Renewable energy generated by photovoltaic (PV) panels at the APB Centre	kWh	8 915	9 960	6 377	8 784	6 587
Energy saved by projects [3]						
Total energy-saving due to green and low-carbon design	GWh	11.0	3.5	15.6	14.4	15.1
CO_2 emission equivalent	Kilotonne CO_2-e	7.7	2.4	10.9	10.0	10.5
No. of certified green buildings or under application [4]						
Certified green buildings against third-party standards	Number	13	12	7	7	8
Active projects seeking green building certifications against third-party standards	Number	56	69	53	58	59

[1] Offices at the APB Centre and QGO represent a majority of total ArchSD office space. The percentage of electricity consumption of the whole premises for the ArchSD office at the APB Centre and QGO is assumed to be 100% and 20% respectively.

[2] CO_2 emissions intensity of CLP Power and HK Electric from 2020 to 2024 were used for the ArchSD office at the APB Centre and QGO respectively.

[3] Energy-saving is calculated by considering green and low-carbon design features, e.g. building envelope, building services systems and renewable energy technologies, adopted in projects.

[4] 'Third-party standards' refers to BEAM Plus certified by the Hong Kong Green Building Council.

DATA SUMMARY

ENVIRONMENTAL PERFORMANCE

Resource Usage – Fuel

	Unit	2020	2021	2022	2023	2024
Fuel consumption by ArchSD pool cars	Litre	13 197	13 543	11 463	12 110	11 586
GHG emissions equivalent to fuel consumption by ArchSD pool cars [5]	Tonne CO_2-e	35.7	36.6	31.0	32.8	31.4
NO_x emissions equivalent to fuel consumption by ArchSD pool cars [6]	kg	8.200	8.017	7.509	8.794	7.898
SO_x emissions equivalent to fuel consumption by ArchSD pool cars [6]	kg	0.194	0.199	0.169	0.178	0.170
PM emissions equivalent to fuel consumption by ArchSD pool cars [6]	kg	0.604	0.590	0.553	0.648	0.582
Total Fuel consumption by ArchSD pool cars per employee	Litre/employee	6.495	6.632	5.275	5.696	5.259
Total GHG emissions equivalent to fuel consumption by ArchSD pool cars per employee	Tonne CO_2e/ employee	0.018	0.018	0.014	0.015	0.014

[5] Greenhouse gas (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, 2010 Edition.

[6] Air pollutant emission factors for mobile combustion are based on The Hong Kong Environmental Protection Department's ("EPD") EMFAC-HK Vehicle Emission Calculation model and the United States Environmental Protection Agency's Vehicle Emission Modelling Software - MOBILE6.1

Resource Usage – Water

	Unit	2020	2021	2022	2023	2024
Water consumption by the ArchSD [7]	m^3	13 837	14 247	13 611	13 699	14 040

[7] Offices at APB Centre and QGO represent a majority of total ArchSD office space. In the calculation process, ArchSD offices at APB Centre and QGO are assumed to consume 100% and 20% of the water of the whole premises, respectively.

DATA SUMMARY

ENVIRONMENTAL PERFORMANCE

Resource Usage – Office Materials

	Unit	2020	2021	2022	2023	2024
A4 paper consumption	Ream	17 249	16 486	15 199	16 166	15 322
A3 paper consumption	Ream	1 252	1 385	1 223	1 186	1 089
Envelope consumption	No.	27 415	36 784	37 340	31 946	36 859

Waste Management in Programme Areas of Facilities Development and Upkeeping

	Unit	2020	2021	2022	2023	2024
Construction & demolition (C&D) materials						
C&D waste to landfills	Tonne	47 768	42 047	44 980	66 182	89 553
C&D materials to public landfill areas	Tonne	839 544	799 066	1 199 771	686 341	1 708 378
Recyclable waste collected at the APB Centre						
Waste paper	kg	8 119	7 800	7 537	6 984	6 526
Aluminium	No.	3 871	5 569	6 354	9 942	6 740
Plastic bottles	No.	4 237	6 209	8 536	10 715	10 164

Environmental Convictions of Contractors

	Unit	2020	2021	2022	2023	2024
Convictions [8] per 100 000 man-hours	ArchSD sites (HK sites)	0.118 (0.087)	0.037 (0.065)	0.000 (0.137)	0.031 (0.269)	0.100 (0.132)
Monetary value of fines	HK$	22,000	2,000	0	20,000	34,000

[8] 'Environmental convictions' refers to instances of non-compliance associated with the environment, including, but not limited to, violations of permits, standards, and/or regulations associated with waste, air quality and/or emissions, water discharges and hazardous spills.

DATA SUMMARY

SOCIAL PERFORMANCE

Staff Establishment (Civil Service Staff)

	Unit	2020	2021	2022	2023	2024
Staff establishment (as at 31 December of the year) [9]	No.	2 032	2 042	2 033	2 025	2 016

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

Staff Statistics (as at 31 December of the year unless specified otherwise)

	Employees 2024/2025
By grade based on Civil Service Staff (%)	
Directorate grade staff	38 (2.0%)
Professional grade staff	546 (28.3%)
Site supervisory staff	585 (30.3%)
Technical grade staff	418 (21.6%)
Administrative and Support staff	344 (17.8%)
By age as at 31 March 2025 (%)	
Under 30	181 (9.4%)
30-49	1 284 (66.9%)
50 or above	455 (23.7%)

DATA SUMMARY

SOCIAL PERFORMANCE

Staff Statistics (as at 31 December of the year unless specified otherwise)

		Employees 2024/2025
Staff turnover rate by age (no.)		
	MALE	**FEMALE**
Under 30	0.6% (12)	0.2% (3)
30-50	2.1% (41)	1.0% (19)
51-55	0.1% (2)	0% (0)
56 or above	0.2% (3)	0% (0)
New employee hire rate (no.)		
	MALE	**FEMALE**
Under 30	1.9% (36)	0.7% (13)
30-50	2.2% (42)	0.6% (12)
51-55	0% (0)	0% (0)
56 or above	0% (0)	0.1% (1)
By employment type include Non-Civil Service Contract Staff		
		MALE	**FEMALE**
Civil Service Staff	Full-time	1 263 (65.4%)	668 (34.6%)
Non-Civil Service Contract Staff	Full-time	178 (9.2%)	75 (3.9%)
	Part-time	10 (0.5%)	9 (0.5%)

DATA SUMMARY

SOCIAL PERFORMANCE

Staff Training

	Unit	2020	2021	2022	2023	2024
Number of training courses (including internal and external seminars/workshops/training courses/visits)	No.	422	653	595	704	650
Number of trainees	No.	8 551	16 391	13 908	17 674	14 675

Training Hours

Type of Staff	Total Training Hour Received (Hour)		Training Hour per Staff (Hour)	
Directorate grade staff	1 479		38.9	
	MALE	**FEMALE**	**MALE**	**FEMALE**
	1 108	371	41.0	33.7
Professional grade staff	18 687		34.2	
	MALE	**FEMALE**	**MALE**	**FEMALE**
	10 679	8 007	34.7	33.6
Technical grade, site supervisory and general grade staff	37 549		27.9	
	MALE	**FEMALE**	**MALE**	**FEMALE**
	29 643	7 906	31.9	18.9
Total	57 715		29.9	
	MALE	**FEMALE**	**MALE**	**FEMALE**
	41 430	16 285	32.8	24.4

DATA SUMMARY

SOCIAL PERFORMANCE

Anti-corruption Training

Type of Staff	Number of Staff Participating in Anti-Corruption Training		Percentage of Staff Participating in Anti-Corruption Training [10]	
Directorate grade staff	2		5.3%	
	MALE	**FEMALE**	**MALE**	**FEMALE**
	0	2	0%	18.2%
Professional grade staff	84		15.4%	
	MALE	**FEMALE**	**MALE**	**FEMALE**
	43	41	14.0%	17.2%
Technical grade, site supervisory and general grade staff	736		54.6%	
	MALE	**FEMALE**	**MALE**	**FEMALE**
	584	152	62.9%	36.3%

[10] According to the Development Bureau's Guidelines for Integrity Training Workshop dated 16 July 2018, a 5-year training cycle has been adopted for the ArchSD staff to receive integrity training at regular intervals.

Occupational Health and Safety Management System

	Number of All Employees and Workers [11]	Percentage of All Employees and Workers [11]
Covered by the system	2 016	100%
Covered by the system and internally audited	2 016	100%
Covered by the system and audited or certified by an external party	2 016	100%

[11] 'Workers' refers to persons who are not employees but whose work and/or workplace is controlled by the ArchSD. Contractors' staff directly employed and controlled by the contractors are excluded from this disclosure.

DATA SUMMARY

SOCIAL PERFORMANCE

Staff Injuries

	Unit	2020		2021		2022		2023		2024	
Staff injury cases [12]	No.	2		4		2		1		1	
		M	F	M	F	M	F	M	F	M	F
		1	1	3	1	1	1	1	0	1	0
Staff sick leave granted for staff injury cases	Day	19		38.5		12		6		3	

[12] 'Staff injury cases' refers to reported cases of occupational injuries under the Employee's Compensation Ordinance, resulting in death or incapacity for work over 3 days.

Contractor Establishment

	Unit	2020	2021	2022	2023	2024
Indirect employee (as at 31 December of the year) [13]	No.	>=10 000	>=11 000	>=14 000	>=14 000	>=17 000

[13] Total man-hours in 2020 to 2024 was extracted from Public Works Programme Construction Site Safety and Environmental Statistics System (PCSES) of the Development Bureau. In the calculation process, each worker is assumed to work for 9 hours per working day in every year.

DATA SUMMARY

SOCIAL PERFORMANCE

Contractor's Accident Rate

	Unit	2020	2021	2022	2023	2024
No. of fatalities [14] (ArchSD)	No.	1 (Male: 1)	0	1 (Male: 1)	4 (Male: 4)	0
Fatal accident rate [14] (ArchSD)	per 100 000 man-hours	0.003	0	0.002	0.01	0
Fatal accident rate [15] (HK Construction Industry)	per 100 000 man-hours	0.005	0.006	0.005	0.005	0.003
No. of non-fatal accidents [14] (ArchSD)	No.	61 (Male: 45, Female: 14, Unidentified: 2)	98 (Male: 83, Female: 13, Unidentified: 2)	96 (Male: 82, Female: 13, Unidentified: 1)	77 (Male: 61, Female: 15, Unidentified: 1)	112 (Male: 95, Female: 17)
Non-fatal accident rate [14] (ArchSD)	per 100 000 man-hours	0.21	0.31	0.24	0.20	0.24
Non-fatal accident rate [15] (HK Construction Industry)	per 100 000 man-hours	0.72	0.81	0.81	0.76	0.69

[14] Data from 2024 and previous years were extracted from the Public Works Programme Construction Site Safety and Environmental Statistics System (PCSES) of the Development Bureau as at 20 August 2025.

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