香港城市大學
City University of Hong Kong

Environmental Report

2020-2021

專業 創新 胸懷全球
Professional · Creative
For The World

Content

Message from the Director

The 2020-2021 Environmental Report covers the period from 1 July 2020 to 30 June 2021. During the reporting year, COVID-19 pandemic outbreak made huge impacts on our society and worldwide. In this period, City University of Hong Kong (CityU) strived through all the unprecedented challenges to uphold our social responsibilities, particularly in the areas of energy, recycling programmes, students environmental behavior and caring for society to ensure a sustainable future.

In the reporting year, the Facilities Management Office (FMO) at CityU dedicated our continued efforts in promoting green living through Sustainable Living #New Normal Edition and smart recycling. In order to engage our students in sustainability development and environmental performance, we have co-organised with the Environmental Protection Department (EPD) of the HKSAR a Promotion Campaign with Community Smart Recycling Vehicle. The Campaign was successfully held and there were more than 400 participants on campus and at Student Residence.

We welcome Year 2022 with much faith and hope in the recovery of local and global situations, and CityU will continue her commitment to the health and safety of our community and society. FMO will embrace the unforeseeable future and press on with the promotion of green living and conservation of the environment.

We hope that the sharing in this report will contribute towards educating our key audiences and help fostering greater environmental awareness. Please enjoy reading.

Brenda Lai
Director of Facilities Management

Environmental Performance

Waste Management

- Diverted over 90 tonnes of solid waste from landfills.
- Recycled over 32 tonnes of food waste.

Water Management

- Consumed 93,640m^3 water on campus.
- 2,390 m^3 of grey water recycled for irrigation, which represents 3.86% of total water consumption for cleansing and irrigation.

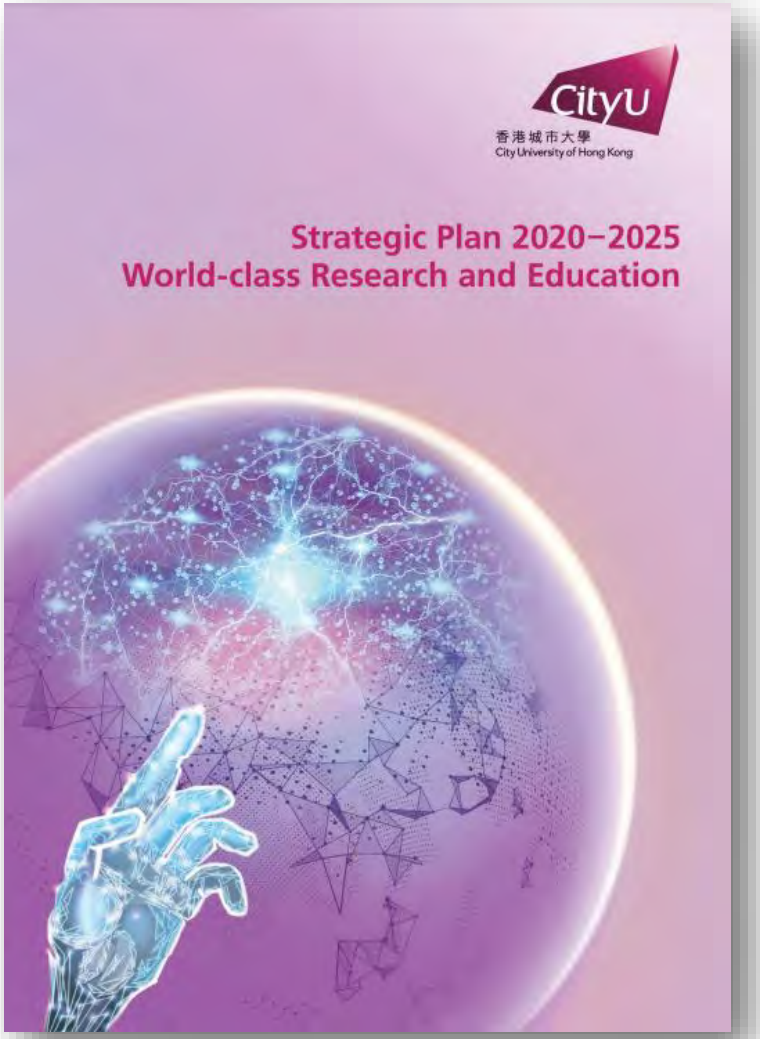
Energy Management

- Consumed 65.3 million kWh electrical energy.

Awards

- Signed the Charter on External Lighting and won the Platinum Award 2020.
- Awarded the Silver Award under Commendation Scheme on Source Separation of Commercial and Industrial Waste by EPD of HKSAR Government.
- Awarded the HKAEE Certificate of Merit that organized by the Environmental Campaign Committee of HKSAR Government.
- Awarded an “Excellence Level” Wastewi$e Certificate by the Environmental Campaign Committee of HKSAR Government in succession of 19 years.

1. Strategic Plan and KPI



As stated in the Strategic Plan 2020-2025, CityU is committed to promote a green campus and sustainability initiatives

1. Continue to promote a sustainable green campus in response to the global climate emergency, and to formulate and implement policies for the University towards the ultimate goal of becoming carbon-neutral.
2. Expand collaborations among units to enhance sustainability and student engagement to develop a model for a green campus that can be shared across Hong Kong and the region.
3. Expand sustainability education.

Key Performance Indiccator (KPI)

To achieve a carbon-neutral campus, our immediate focus will be placed on carbon reduction by enhancing the energy efficiency of both new and existing buildings. Using the baseline year of 2018/19, we target a reduction of 8% of Green House Gas (GHG) Emission per floor area (e.g., direct GHG emissions/removals and energy indirect GHG emissions) on campus by 2030.

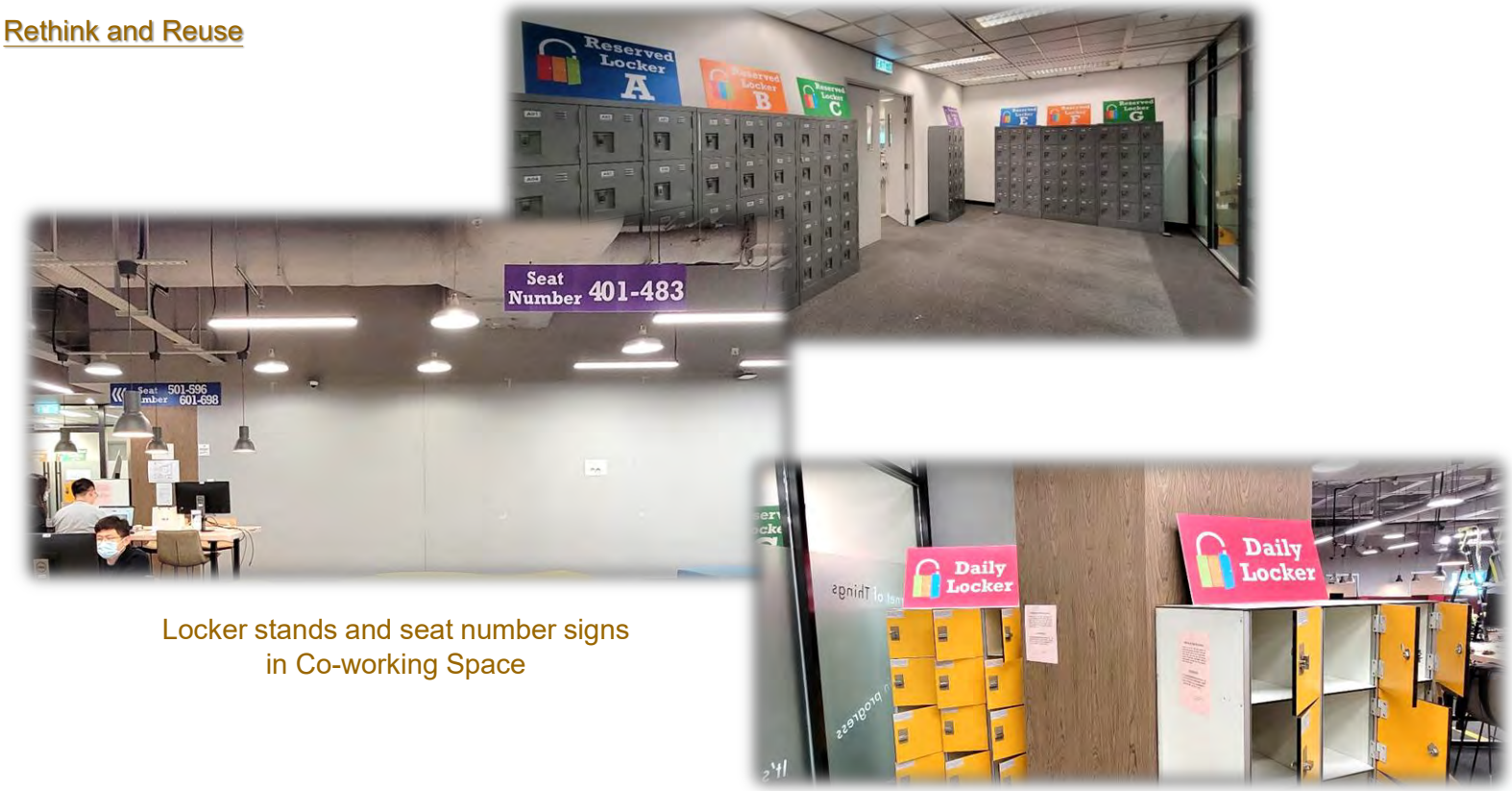
	2020-2021
% Change in GHG Emissions per floor area compared with baseline year (2018-2019)	-23.08%

2. Waste Management

Waste Management Approach

CityU continues to adopt a 5R's approach in waste management, which includes Rethink, Reduce, Restore, Reuse and Recycle.

Rethink and Reuse



Locker stands and seat number signs
in Co-working Space

2. Waste Management

Rethink and Reuse

CityU FMO endeavored the University's efforts in minimising waste and reusing materials. Examples included:

Reuse of event foam boards for various purposes, such as decorative foam boards and hand-held props.

Wind breaking devices at outdoor security booths in winter time

2. Waste Management

Reduce

FMO has developed an electronic “Chemical Control System” (CCS) for University members to purchase chemicals on campus. The system not only helps the University in compiling regulatory requirements on use of chemicals but also reduces the use of paper during the chemical purchase process.

CCS is a cloud-based online system. Only authorised users or registered chemical purchasing delegates can purchase chemicals through the system. In the reporting period, about 8,500 orders were made via CCS. Assuming 2 sheets of A4 paper are saved in a purchase process, a total of 17,000 sheets of A4 paper were saved in the reporting year which is equivalent to 85 kg of paper or 1.5 trees.

In addition, by using the system, there is a better control on use, storage and disposal of chemicals; hence helps reduce the wastage and generation of chemical waste.

Get quotations from suppliers electronically (1 sheet of A4 paper saved)

Make chemical purchase requests in CCS

Aprove the requests in CCS

Purchase orders to suppliers using email via CCS / Finance Office (1 sheet of A4 paper saved)

Electronic workflow of chemical purchase orders

2. Waste Management

Reuse of Potted Plants for Major Events and Festivals

Potted plants including evergreen plants and seasonal flowers provided for major university events and festivals were reused at other areas on campus (e.g. Commencement, Christmas and Chinese New Year).

2. Waste Management

Reuse of Potted Plants for Major Events and Festivals

In order to reduce landscape waste, evergreen potted plants for events were re-used or maintained at nursery on campus while of used potted plants were planted in landscape areas.

Potted Plants were reused after Events

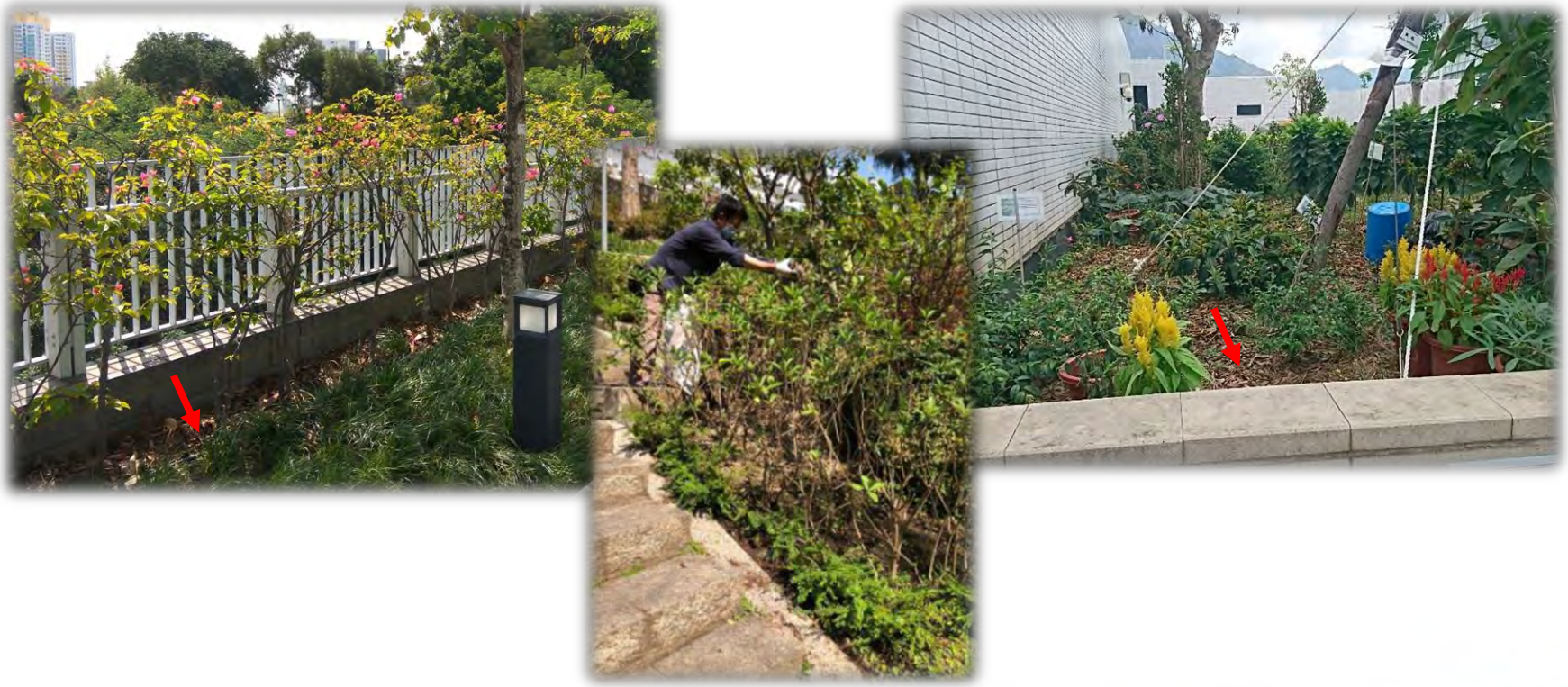
Nursery

Planting of Citrus at Roof Garden in LI

2. Waste Management

Recycle of Landscape Debris

Wood chips shredded from branches and stems through the process of pruning and felling were used in landscape areas for mulching purpose. About 270 kg mulches were produced during the reporting period.



2. Waste Management

Recycle

	Year 2019 - 20	Year 2020- 21	Difference	%
Waste paper recycled (kg)	99,227	67,646	-31,581	-31.83%
Aluminum cans recycled (kg)	471	487.95	17	3.60%
Plastic bottles recycled (kg)	1367	1340.08	-27	-1.97%
Printer cartridges recycled (kg)	162	151.2	-11	-6.67%
Compact discs recycled (kg)	113	18.61	-94	-83.53%
Mercury-containing fluorescent tubes and lamps recycled (kg)	20,012	17,000	-3,012	-15.05%
Green waste and plant trimmings reused (kg)	156	273	117	75%
Glass bottles recycled (kg)	2,304	2,915	611	26.52%
Rechargeable batteries recycled (kg)	0	48	48	--
Used Lai See packets (kg)	35	51	16	45.71%
No. of plastic straws saved (pieces)	1,200,000	1,200,000	0	0%
Total municipal solid waste (kg)	1,037,713	1,218,225	180,512	17.40%

Recyclables:
90 tonnes

MSW:
1,218 tonnes

2. Waste Management

Recycle - Food Waste

The University always makes use of each opportunity in applying green measures on campus, including the requirements of sorting, collection and recycling of food waste in the catering services contract.

All caterers on campus collect food waste generated from their respective catering outlets and recycle it into fish / animal feed or fertilisers according to requirements laid down in their catering services contracts. FMO continues to play the role of monitoring. FMO inspects catering outlets on a regular basis to check that proper separation, collection and recycling are carried out.

Summary of Food Waste Recycled :

	Year 2019 -20	Year 2020 - 21
Food waste collected and recycled for making fish / animal feed or fertilizer (kg)	46,817	32,182

Food waste: 32 tonnes

Compared with the previous year, the recorded amount of food waste collected and recycled has been reduced significantly due to the outbreak of COVID-19 throughout the reporting period. As a result, some of the catering outlets ceased operations on campus as classes were held online most of the time; consequently the amount of food waste collected reduced by 31%.

2. Waste Management

Hazardous Waste

Quantity of hazardous waste disposed of in year 2019-2020 and year 2020-2021:

	Year 2019 – 20	Year 2020 - 21
Liquid Chemical Waste # (L)	18,340	24,940
Solid Chemical Waste # (kg)	22,437	18,780
Clinical Waste * (kg)	2,304	3,485.5
Liquid Radioactive Waste (L)	7	134
Solid Radioactive Waste (kg)	4	2.5

Remark:

\# As defined under the Waste Disposal Ordinance (Cap. 354). These wastes include fluorescent tubes, lamps, batteries, oily rags, paint pails, etc.

* Mainly blood contaminated waste from Young Chung-Yee Health Centre of the University and dead animals from laboratories.

3. Water Management

Water Consumption and Recycling

Compared with year 2019-2020, the annual fresh water consumption has increased. The following particulars are observed:

a) Portable water consumption increased by 4% due to new laboratories established; and

b) The cleansing and irrigation water consumption increased by 191%. This might due to various reasons as below:
   - Increase of cleaning; and
   - Increase of irrigation.

c) The water consumption for cooling tower of air-conditioning system increased by 7 %, which was due to the increase of air-conditioning load.

d) The swimming pool was closed for the Wei Hing Theatre Re-development Project in BOC.

e) 2,400m^3 greywater was collected from the wash hand basin and condensate water of the central air conditioning system (represented 3.86% of total water consumption for cleansing and irrigation).

	2019-2020	2020-2021	Difference	%
Potable (1000 m^3)	90.21	93.64	3.43	+3.8%
Cleansing & Irrigation (1000 m^3)	21.31	61.90	40.59	+190.5%
A/C (1000 m^3)	124.55	133.36	8.81	+7.1%
Swimming pool (1000 m^3)	0.185	0	N/A	N/A
Grey water recycled (1000 m^3)	1.20	2.39	1.19	+99.2%

4. Energy Management

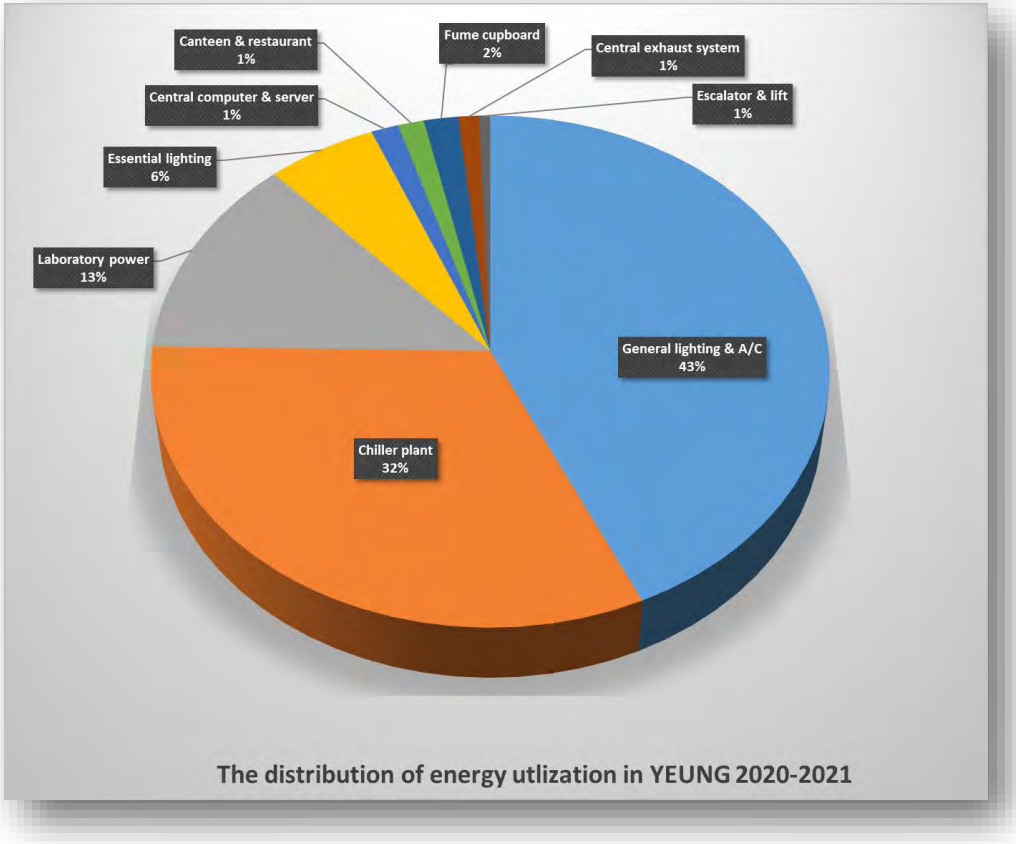
Energy Consumption

The total annual electricity consumption for 2020-2021 was 65.3 million kWh. The electricity consumption for CMC increased by 28%, which was due to the increase of air-conditioning load and electricity usage for the new powerful computational platform (Hight Performance Computing) and removal of data centre from YEUNG to CMC. Compared with year 2019-2020, the total annual electricity consumption decreased by 0.3%. The total electricity consumption of the whole campus has decreased.

Building	2019 – 2020 (mil kWh)	2020 - 2021 (mil kWh)	Difference (mil kWh)	%
YEUNG	47.4	46.1	- 1.3	- 2.7%
LI	6.0	5.9	- 0.15	- 2.5%
LAU	7.1	7.0	- 0.15	- 2.1%
CMC	5.0	6.4	+ 1.4	+ 28.0%
Total	65.5	65.3	- 0.2	- 0.3%

4. Energy Management

Energy Consumption - YEUNG



- General Lighting & AC 43%
- Chiller Plant 32%
- Laboratory Power 13%
- Essential Lighting 6%
- Central Computer and Server 1%
- Canteen & restaurant 1%
- Fume cupboard 2%
- Central Exhaust System 1%
- Lift & Escalator 1%

The distribution of energy utilisation in YEUNG

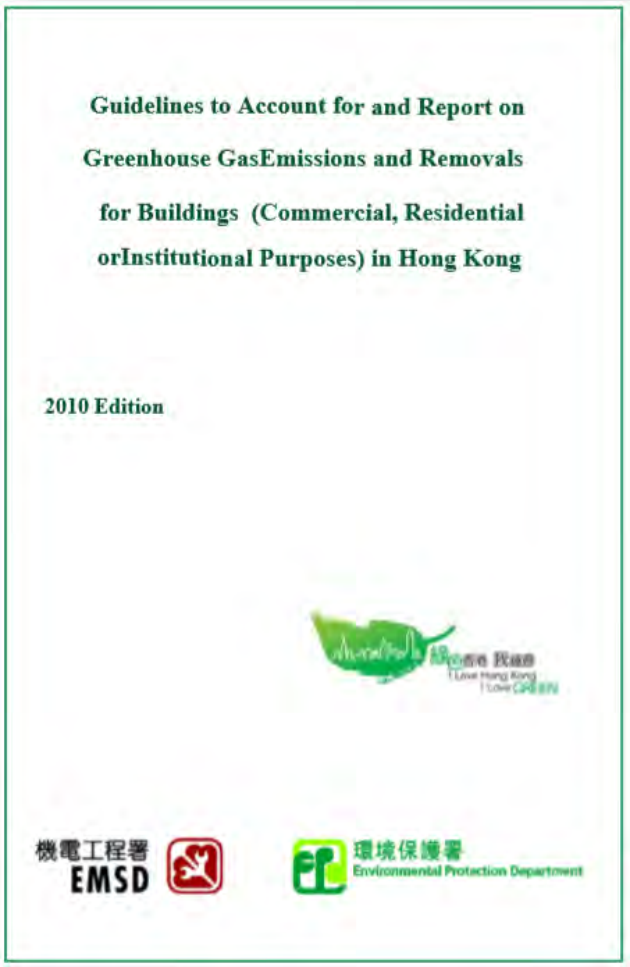
4. Energy Management

Energy Saving Initiatives

Site Location	Replacement of Existing Chiller Plant System at Green Zone of YEUNG
Area	1500 m^2
Scope of Works	Replacement of 4 numbers of chiller plant with variable speed drives (VSD) function and high coefficient of performance with more energy saving

4. Energy Management

Greenhouse Gas Emissions and Removals



According to the Guidelines to Account for and Report on Greenhouse Gas Emissions and Removals for Buildings in Hong Kong (2010 Edition) that jointly published by EPD and Electrical and Mechanical Services Department (EMSD) of the HKSAR Government, CityU conducted a carbon audit and reported the results on yearly basis.

According to the Guidelines, the reporting boundary is classified into Scope 1, Scope 2 and Scope 3, while Scope 1 and Scope 2 emissions are mandatory, Scope 3 emissions are optional.

- Scope 1 – direct emissions and removals;
- Scope 2 – energy indirect emissions; and
- Scope 3 – other indirect emissions.

The physical boundary of this report included YEUNG, BOC, LI, LAU, CMC, CYC, Administration Building, FYW, MMW and TYB. The catering outlets located at LI, LAU and CMC are not included. The total GHG emissions in 2020-2021 were 25,267 tones of $CO_{2\ -equivalent}$. There was a 25.27% decrease in carbon emissions while compared with 2019-2020. In addition to the decrease in total energy consumption, the major contribution was the decrease in GHG Emission Factor from CLP Power Hong Kong Limited (CLP). The details were shown in the table and in the figure on the following two pages.

Click here to read the Guidelines

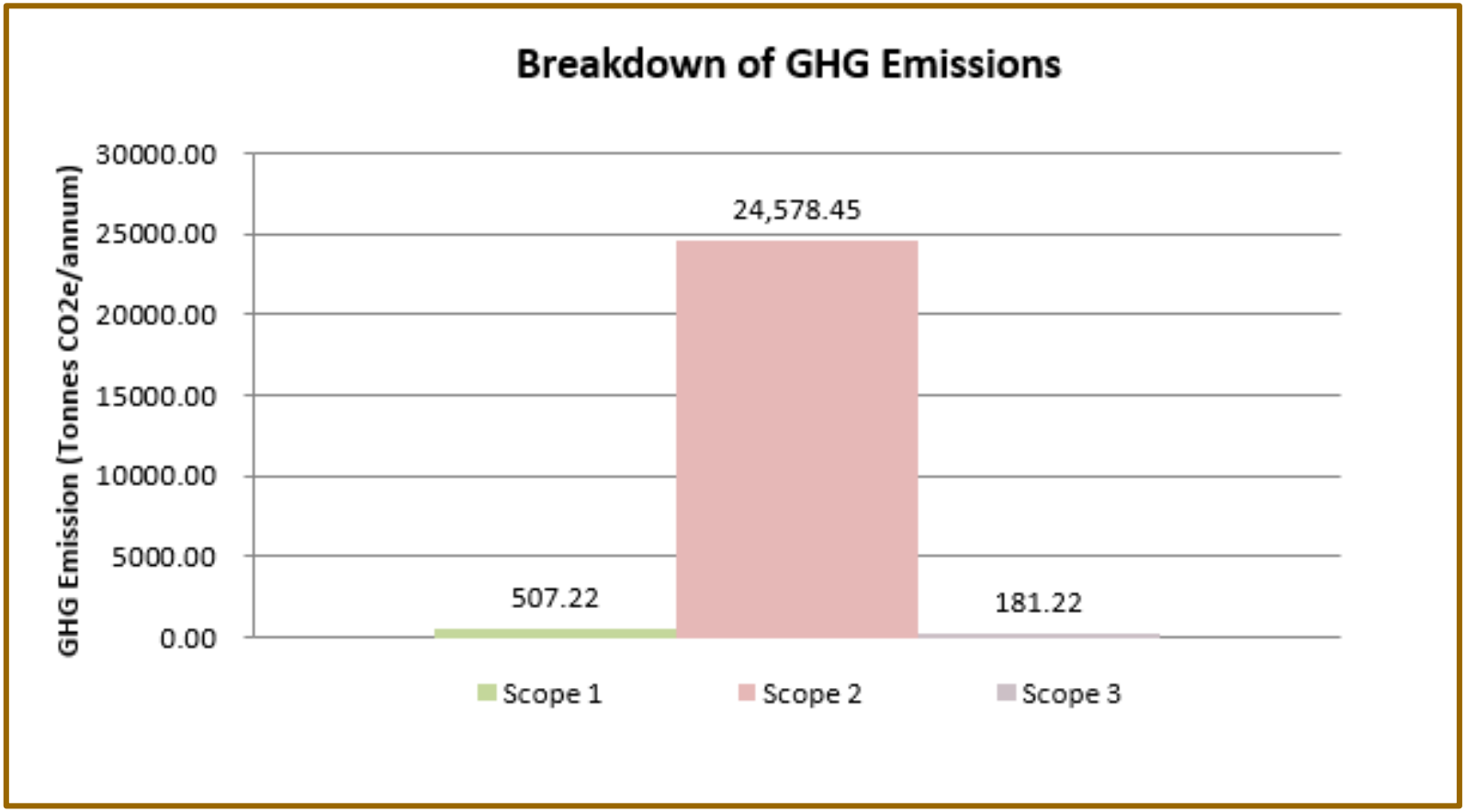
4. Energy Management

GHG Emissions and Removals - Results

Total Scope 1 GHG Emissions:	**593.88**	Tonnes of $CO_{2\ -equivalent}$
Total Scope 1 GHG Removals:	**86.66**	Tonnes of $CO_{2\ -equivalent}$
Total Scope 2 GHG Emissions:	**24,578.45**	Tonnes of $CO_{2\ -equivalent}$
Total Scope 3 GHG Emissions:	**181.22**	Tonnes of $CO_{2\ -equivalent}$
Total GHG Emissions:	**25,266.89**	Tonnes of $CO_{2\ -equivalent}$
Total GHG Emissions of Previous Year:	**33,812.92**	Tonnes of $CO_{2\ -equivalent}$
% Change in GHG Emissions compared with Previous Year:	**-25.27%**	
GHG Performance in Ratio Indicator:		
GHG Emissions per floor area:	**0.10**	In tonnes of $CO_{2\ -equivalent}$ / m^2
GHG Emissions per floor area of Previous Year:	**0.130**	In tonnes of $CO_{2\ -equivalent}$ / m^2
% Change in GHG Emissions per floor area compared with Previous Year:	**-25.72%**	
GHG Emissions per person:	**1.10**	In tonnes of $CO_{2\ -equivalent}$ / person
GHG Emissions per person of Previous Year:	**1.42**	In tonnes of $CO_{2\ -equivalent}$ / person
% Change in GHG Emissions per person compared with Previous Year:	**-22.26%**	

4. Energy Management

Greenhouse Gas Emissions and Removals



5. Air Quality Management

Indoor Air Quality (IAQ)

A total of eight buildings on campus obtained the “Good Class” IAQ certificate. Seven of the eight buildings have obtained the certificates three years in a row. The seven buildings are YEUNG, LAU, CYC, Administration Building, FYW, MMW and CMC. LI obtained the “Good Class” certificate under the new IAQ certification scheme in the reporting year.

6. Campus Greening

Landscape Maintenance and Improvement

Gardeners contributed tremendous effort to maintain a beautiful, pleasant and green environment for campus users through a wide range of landscape maintenance and improvement works.

6. Campus Greening

Landscape Maintenance and Improvement






More than 100 improvement works have been done in the landscape of campus and residential quarters, creating a green and pleasant environment for campus users.

6. Campus Greening

GROW (Green Roofs over Walls)

The establishment of CityU GROW gathered a group of dedicated volunteers consists of staff members and students to practice organic farming at the roof garden of LI.

A journey from sowing to harvesting

Lettuce

Cabbage

Radish

6. Campus Greening

GROW (Green Roofs over Walls)

Harvests around the year from the dedicated volunteers are donated to charity.

Cabbage

A journey from harvesting to the needy

Radish

Sweet Potato

7. Sustainability in Residential Estates

Food Waste Reduction and Recycling

Mini food decomposers are used at residential quarters to recycle food waste into fertilizers to help conserve limited landfills. Over 500 kg of food waste was recycled into 59 kg of fertilizers which were placed in landscape areas on campus.

Mini food decomposer used in staff quarters for recycling into fertilizer

8. Activities and Collaborations

Forum on Clean Energy and Nuclear Safety – 10 Years after Fukushima

Thirty eight world-leading scholars, industry leaders and policy makers from around the world debated recent advances in low-carbon energy technology and nuclear safety in a specially convened online Forum on clean energy and nuclear safety on 10 March 2021.

This event was co-hosted by CityU, National Tsing Hua University, Seoul National University, and Tokyo Institute of Technology. Titled “Clean Energy and nuclear safety – 10 years after Fukushima”, the Forum offered two streams, namely clean energy and nuclear safety, and approximately 2,500 participants from over 20 countries and territories participated.

At our disposal is a suite of options called the “rainbow energies”, argued President Way Kuo of CityU, a Member of the US National Academy of Engineering and General Chair for the Forum. These rainbow energies include hydropower, fossil (coal, oil and natural gas), nuclear, wind, solar, biofuel, and others (geothermal, ocean energy and marsh gas).

Upon reviewing the Fukushima crisis in March 2011, the ensuing discussions debated workable suggestions for tackling climate change, thus turning the possibility of a carbon neutral world by 2050 into a reality, according to President Kuo.

The Forum also covered clean energy, including renewable energy generation, storage including new batteries and hydrogen fuel, and utilisation such as smart energy management systems and energy saving applications.

8. Activities and Collaborations

Joint-U Campaign 2021 – Unify: Sustainable Living #New Normal Edition

The pandemic and the new normal have inspired new ways of living and reflection about the relationship between people and nature.

Following the success of the Joint-U online event “Unify: Sustainable Living #StayAtHome Edition” held in 2020, the eight member universities of Hong Kong Sustainability Consortium for Campus (HKSCC) decided to continue this meaningful online campaign to once again actualise the beauty and power of synergy.

8. Activities and Collaborations

Joint-U Campaign 2021 – Unify: Sustainable Living #New Normal Edition

A series of themed online experiences and events have been held. The following themed events were organized in each week of March 2021.

1) **Mind Body Soul,** channeling your inner self through meditation and exercises;
2) **Environmental Psychology,** deciphering our daily decision-making and behaviour;
3) **Agriculture,** connecting with our local farmers and telling stories of the land, city and food; and
4) **Waste Reduction,** exploring the possibilities of recycling with smart features.

Post events surveys were conducted after each themed event. A total of 387 staff and students participated in the Campaign. 94% respondents were satisfied and agreed that the events enhanced their awareness of and knowledge on sustainable living and development. Most of them also preferred the approach of online real-time activities and they were interested in climate action, energy saving & smart city, food and agriculture.

8. Activities and Collaborations

Joint-U Environmental Behaviour Survey

After a year of preparation, the working group of HKSCC on the Campus Environmental Sustainability Index has prepared a questionnaire survey and launched the survey in the end of 2020. The survey was about personal green habits and the sustainable development performance of the Universities. Undergraduate students were invited to do an online survey. The questionnaire consisted of 60 questions that covered the following areas:

1) Sustainability Knowingness;
2) Sustainability Attitude;
3) Resource;
4) Waste;
5) Engagement;
6) Catering.

The survey was held successfully. Over 4,000 students completed the survey. Of the respondents, 65% were female, 77% were local students, and year 1 students had the highest response rate at 28.8%.

8. Activities and Collaborations

Joint-U Environmental Behaviour Survey

From the survey, environmental behavior of undergraduate students was analysed. The following are the major findings:

1) Agree that reducing water is necessary for sustainable development;
2) Have a good attitude about having stricter laws and regulations and taking measures against problems related to climate change;
3) Have the best behavior with respect to the conservation of electricity and then avoidance printing and pressing the reduced flush button in the toilets;
4) However, they haven't yet adopted the efficient paper usage strategy of reusing single-sided paper for printing;
5) They agree to save paper using electronic submission for assignment and prefer reusable paper collection boxes near printing devices;
6) However, they wouldn't like to reducing printing quota;
7) They are most active in waste recycling behaviour rather than waste reuse and packaging but the do reuse packaging materials;
8) They do try to only order what they can consume and prefer to have better food waste separation facilities;
9) They are less interested in buying organic food and practicing a vegetarian diet;
10) They are interested in collaborating with external environmental groups;
11) They prefer social media for promotion of environmental activities; and
12) They can try to have donation boxes for unwanted clothes.

8. Activities and Collaborations

Promotion Campaign with Community Smart Recycling Vehicle (CSRV)

The CityU community was given a chance to experience smart recycling on campus and at Student Residence. The Promotion Campaign with Community Smart Recycling Vehicle was co-organised by EPD and FMO. Another session of the Campaign was co-organised with Student Residence Office at Student Residence.

The CSRV is the initial phase of the Pilot on Smart Recycling System (the Pilot) that launched by EPD. The Pilot aims to promote smart city development and to introduce progressively smart recycling facilities in the community. The CSRV is equipped with a set of 4-compartment smart recycling bins and a set of gift redemption unit to promote Smart Recycling System which can automatically measure and record the weight of recyclables collected and has an overflow alert installed to enhance bin usage and management efficiency.

8. Activities and Collaborations

Promotion Campaign with Community Smart Recycling Vehicle (CSRV)

Campus

CityU is the first local University to co-organise the Campaign with EPD. The Campaign received overwhelm responses and more than 400 students and staff members participated in the Campaign. They have got in to the CSRV to experience the smart bins and gift redemption unit.

Student Residence

8. Activities and Collaborations

Books Give and Take

Although COVID-19 affected our lives a lot and most of activities have been suspended on campus. With careful consideration and sufficient anti-pandemic measures, for the 4th year CityU organised the “Books Give and Take 書香世代 - 延續生命、世代相傳” campaign. Two carts were placed at the Yellow Zone on U-concourse, YEUNG. CityU community members and public were welcomed to leave or pick up books from the carts with no loan period.

Overwhelming responses were received. In addition to the books taken away by interested people, three carton boxes of 247 surplus books that weighed 101 kg were donated to Sham Shui Po Green Community to continue their lives for the contribution to the local community.

Anti-pandemic measures applied

8. Activities and Collaborations

Energy Saving Charter

The University continued to sign up for the “Energy-Saving Charter 2020” which was co-launched by the Environment Bureau (ENB) and EMSD. By signing the Charter, the University was committed to switch off electrical appliances and systems when not in use and procure energy efficient electrical appliances (such as those with Grade 1 energy labels, fridge with door) and systems from June 2020 to May 2021. FMO issued energy saving tips on switching off appliances and systems when not in use:

- Lights, air-conditioners should be switched off in areas that are unoccupied. With few people working in the office, switch off the non-essential lighting and use task lighting to directly illuminate work areas.
- Part of lift and escalator can be idled during non-peak hour.
- Use appliances with timer control or automatically switch-off control functions to avoid leaving appliances in standby mode for a long period.
- Unplug all equipment chargers and adapters when they are not in use. Please read leaflet on Reducing Standby Power Consumption.
- Switch off the computer screen can save more energy instead of letting the "screen saver" run.
- When leaving office, arrange for the last-man-out to check and switch off the power source to all air-conditioner, lighting and office equipment that are not in use.

8. Activities and Collaborations

WWF Earth Hour 2021

CityU has always supported the WWF Earth Hour campaign held and so as this reporting period. On 27 March 2021, the University turned off non-essential lights in corridors, open / roof gardens, carparks and / or external public areas at YEUNG, Administration Buildings, BOC, LI, LAU and CMC for one hour from 8:30 pm to 9:30 pm.

Moreover, CityU Announcement Portal (CAP) was used to inform all staff and students to encourage them and their families to support this meaningful event by turning off lights in office and at home with the aim to arouse awareness on global warming, energy saving, and reducing emission of pollutants and greenhouse gases.

Earth Hour is the largest global environmental movement that enjoys enthusiastic participation from a wide cross section and major sectors in the community.

The theme for Earth Hour 2021 is “Let Oceans Shine”. The theme spotlights the beauty and intrinsic value of our marine environment – and the threats facing it: from plastic marine litter, unsustainable fishing, to runaway development.

8. Activities and Collaborations

Charter on External Lighting

CityU signed the Charter on External Lighting and received the Platinum Award 2020. The Charter was launched by ENB in 2016. Owners of and responsible persons for external lighting installations were invited to switch off lighting installations of decorative, promotional or advertising purposes which affect the outdoor environment during the preset time (i.e. 11 p.m. or midnight to 7 a.m. on the following day).

Hong Kong No Air Con Night 2020

It was the 11th year that Green Sense organized Hong Kong No Air Con Night 2020. It was held on 9 October 2020 and was a 12-hour-long air-conditioning out action starting from 7:00 pm on 5 October 2019 to 7:00 am on 6 October 2019 to encourage the entire society to save energy.

8. Activities and Collaborations

Lai See Packets Recycling

With the aim to reducing wastage by reusing some of the materials so as to contribute to a greener Hong Kong, CityU continued to support the “Lai See Reuse and Recycle Program 2021” organised by Greeners Action to collect used Lai See packets from 8 locations located at YEUNG, LI, LAU, CMC, Student Residence, TCY and NSY during the period from 18 February to 3 March 2021. 51 kg of Lai See packets were collected for reuse.

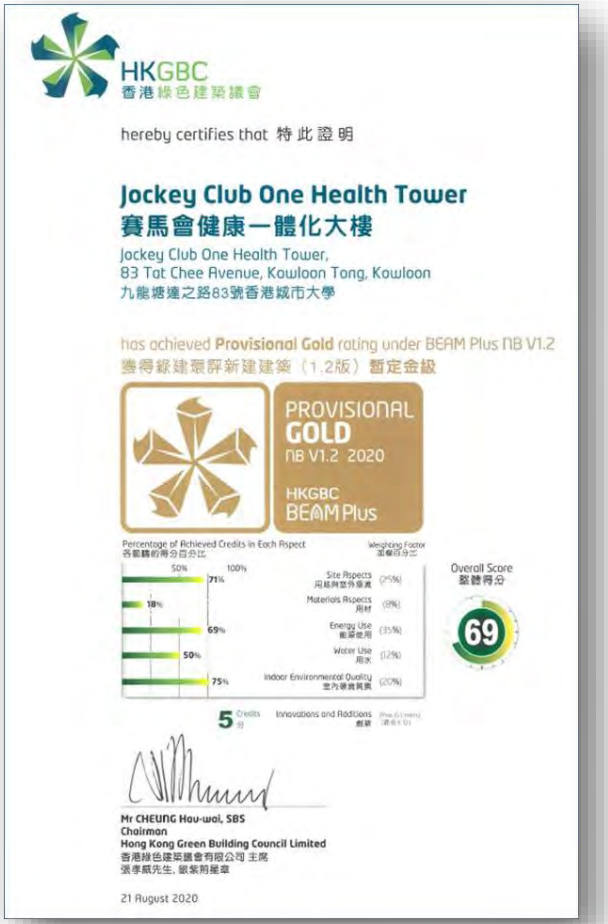
8. Activities and Collaborations

Mooncakes Collection and Donation

CityU joined the “Eat Wise Charter” of the Green Mid-Autumn Festival Campaign organised by Food Grace (食德好) to collect mooncakes for the contribution to reduce food waste. A total of 16 surplus mooncakes were collected and sent to Food Grace for redistribution to the needy before the Mid-autumn Festival. The event was successfully held and received support from more than 200 estates, shopping malls, commercial buildings and companies. More than 8,000 pieces of mooncake were donated to the needy.

9. Recognitions and Awards

Jockey Club One Health Tower
BEAM Plus NB V1.2 – Provisional Gold


HKGBC
香港綠色建築議會

hereby certifies that 特此證明

Jockey Club One Health Tower
賽馬會健康一體化大樓

Jockey Club One Health Tower,
83 Tat Chee Avenue, Kowloon Tong, Kowloon
九龍塘達之路83號香港城市大學

has achieved **Provisional Gold** rating under BEAM Plus NB V1.2
獲得綠建環評新建建築（1.2版）暫定金級

PROVISIONAL
GOLD
NB V1.2 2020
HKGBC
BEAM Plus

Percentage of Achieved Credits in Each Aspect
各範疇的得分百分比

Weighting Factor
加權百分比

Site Aspects (25%)
Materials Aspects (8%)
Energy Use (35%)
Water Use (12%)
Indoor Environmental Quality (20%)

Overall Score
整體得分
69

5 Credits
Innovations and Additions

Mr CHEUNG Hau-wai, SBS
Chairman
Hong Kong Green Building Council Limited
香港綠色建築議會有限公司 主席
張孝威先生, 銀紫荊星章

21 August 2020

Commendation Scheme on Source Separation of Commercial
and Industrial Waste – Silver Award


工商業廢物源頭分類獎勵計劃
Commendation Scheme on Source Separation of Commercial and Industrial Waste

2019/20

銀獎
Silver Award

特頒此狀予
This certificate is presented to

香港城市大學
City University of Hong Kong

及
and

香港城市大學 - 設施管理處
City University of Hong Kong - Facilities Management Office

環境保護署助理署長
Assistant Director
Environmental Protection Department

環境保護署
Environmental Protection Department

9. Recognitions and Awards

Hong Kong Green Organisation Certification – Wastewi$e Certificate


成員編號:
Membership No.: WW-9311-0269

香港綠色機構認證
Hong Kong
Green Organisation Certification

減廢證書
Wastewi$e
—Certificate—
「卓越級別」
Excellence Level

香港城市大學
-設施管理處
City University of Hong Kong
-Facilities Management Office

屆滿日期: 二〇二二年三月三十一日
Expiry Date: 31 March 2022

Hong Kong Green Organisation Certification - Energywi$e Certificate


成員編號:
Membership No.: EW-9311-3159

香港綠色機構認證
Hong Kong
Green Organisation Certification

節能證書
Energywi$e
—Certificate—
「基礎級別」
Basic Level

香港城市大學
設施管理處
City University of Hong Kong
Facilities Management Office

屆滿日期: 二〇二二年三月三十一日
Expiry Date: 31 March 2022

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9. Recognitions and Awards

Hong Kong Awards for Enironmental Excellence 2020 (HKAEE) – Certificate of Merit and Hong Kong Green Organisation

Hong Kong Green Day 2020

As supporting organisation of Hong Kong Green Day that organised by Green Council.

10. Looking Ahead

CityU is committed to creating a more sustainable campus to support our university's educational and research goals and priorities. Our immediate focus will be placed on carbon reduction by enhancing the energy efficiency of both new and existing buildings. Using the baseline year of 2018/19, we target a reduction of 8% of GHG Emission per floor area (e.g., direct GHG emissions/removals and energy indirect GHG emissions) on campus by 2030. We will vigorously pursue energy reduction strategies, expand renewable energy opportunities, and reduce campus-related GHG emissions, which commensurates with the Hong Kong government's announcement of a plan to become carbon neutral by 2050,

At the societal level, we will actively support the Government’s initiatives in waste reduction, particularly in plastic reduction. We will also continue to collaborate with green organisations to co-operate with them and to seek their support for our sustainability activities.

At the collegiate level, we will continue to collaborate among our member universities to promote sustainable living. We will work closely with HKSCC working groups on sustainability performance, education and promotional campaigns.

At the campus level, we will continue to adopt the 5R’s concept in waste management. We will monitor our IAQ and target to achieve certificate for good class. In the coming year we look forward to continue working with departments, students, staff and faculty; peer institutions; and our surrounding community to collectively progress the University’s commitment to social and environmental responsibility.

Appendix

Building abbreviation

BOC	Bank of China (Hong Kong) Complex
CMC	Run Run Shaw Creative Media Centre
CYC	Cheng Yick-chi Building
FYW	Fong Yun-wah Building
LAU	Lau Ming Wai Academic Building
LI	Li Dak Sum Yip Yio Chin Academic Building
MMW	Mong Wan-wai Building
TYB	To Yuen Building
YEUNG	Yeung Kin Man Academic Building

香港城市大學
City University of Hong Kong

End of Report

專業 創新 胸懷全球
Professional · Creative
For The World

Facilities Management Office
http://www.cityu.edu.hk/fmo/