



香港城市大學
City University of Hong Kong

Innovating into the Future

Environmental Report

2023-2024

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Message from the Director

The 2023-2024 Environmental Report covers the period from 1 July 2023 to 30 June 2024. During the reporting year, City University of Hong Kong (CityUHK) strived through the challenges to uphold our social responsibilities, particularly in the areas of low carbon lifestyles, carbon neutrality, Municipal Solid Waste (MSW) Charging Scheme, staff and students' environmental behavior, and caring for society to ensure a sustainable future.

In the reporting year, the Facilities Management Office (FMO) of CityUHK dedicated its continued efforts to promoting carbon neutrality through year-round campaigns and activities. A series of promotion and education programmes were organised to increase the CityUHK community's awareness of carbon neutrality, single-use plastic ban, and zero waste. On the other hand, the collaboration among eight local UGC-funded universities increased continuously under the three-year project named Jockey Club Sustainable Campus Consumer Programme, which aimed to promote the United Nations Sustainable Development Goal #12: Responsible Consumption and Production.

We look forward to 2025 with faith and hope in striving for a carbon-neutral campus. In particular, the University is set to install nearly 2,000 high-efficiency bifacial solar panels across campus in the coming year. CityUHK is committed to the health and safety of our community and society, and will embrace the future with green living and sustainable development.

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

Brenda Lai
Director of Facilities Management

Executive Summary

Major Achievements and Activities in 2023-2024

- Organised Green Living @ CityU 2023 with the theme of “No Carbon, No Plastic and Zero Waste (惜碳、絕膠又免廢)”. The signature event was Plantation Day which held on the Hillside Trail within CityUHK campus, which is the first of its kind on campus. The event not only showcased the University’s commitment to environmental stewardship but also inspired the CityUHK community to actively engage in nurturing our campus and fostering a culture of sustainability.
- To respond to the government’s Pilot Scheme on Food Waste Collection, we have established three additional food waste collection points at the school, bringing the total to four collection points on campus. We hope to collect food waste and convert it into energy, as well as into by-products at O·PARK1. Our aim is to foster a culture of waste reduction within the campus, encouraging students to develop habits that promote food conservation.
- Jointly organised by the eight UGC-funded universities, the three-year project of Jockey Club Sustainable Campus Consumer Programme (JCSCCP) continued in the reporting year. Start from September 2023, Reusable Meal Container Lending System was launched at CityUHK. The System aims at reducing single-use plastic waste and encouraging sustainable consumption habits among CityUHK community. From the launching date on 20 Sep 2023 until 30 June 2024, the lunchbox has been borrowed 3,784 times.
- In addition, we have reached out to all the offices of the University and arranged waste dumping and recycling during the Housekeeping Campaign arranged in 2023-2024. 11,440L of waste and 4,510L of waste paper for recycling were collected.

Environmental Data

Waste Management

- Diverted over 148.6 tonnes of solid waste from landfills.
- Recycled about 57.4 tonnes of food waste.

Water Management

- Consumed 395,100m³ water on campus.
- 5,355 m³ of grey water recycled for irrigation, representing 1.4% of total water consumption for cleansing and irrigation.

Energy Management

- Consumed 75.6 million kWh of electrical energy.

Awards

- Awarded the HKAEE Bronze Award organized by the Environmental Campaign Committee (ECC) of the HKSAR Government.
- Recognised as the Hong Kong Green Organisation by the Environmental Campaign Committee (ECC) of the HKSAR Government.
- Awarded an “Excellence Level” Wastewi\$e Certificate by the ECC of HKSAR Government in a succession of 22 years.
- Awarded an “Excellence Level” Engerywi\$e Certificate by the ECC of the HKSAR Government.
- Awarded Indoor Air Quality Certificated Award in recognition of being the 10 highest participation in the IAQ Certification Scheme in 2022.

1. Strategic Plan and KPI

According to the Strategic Plan 2020-2025 of the University, CityUHK 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 Indicator (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 GHG Emission per floor area (e.g., direct GHG emissions/removals and energy indirect GHG emissions) on campus by 2030.



The infographic features the CityU logo (City University of Hong Kong) in the top left corner. The main title is 'Strategic Plan 2020-2025'. Below this, it states 'CityU is committed...' followed by three bullet points: 'To promote a sustainable green campus for the University towards carbon-neutral', 'To develop a model for a green campus', and 'To expand sustainability education'. The central focus is the 'Key Performance Indicator (KPI)', which states: 'Using the baseline year of 2018/19, CityU targets a reduction of 8% of Green House Gas (GHG) Emission per floor area on campus by 2030'. An illustration shows a hand pointing at a globe, with a cloud labeled 'GHG' and a factory emitting smoke, and a green arrow pointing down with '8%' next to it.

CityU 香港城市大學
City University of Hong Kong

Strategic Plan 2020-2025

CityU is committed...

- ✓ To promote a sustainable green campus for the University towards carbon-neutral
- ✓ To develop a model for a green campus
- ✓ To expand sustainability education

Key Performance Indicator (KPI)

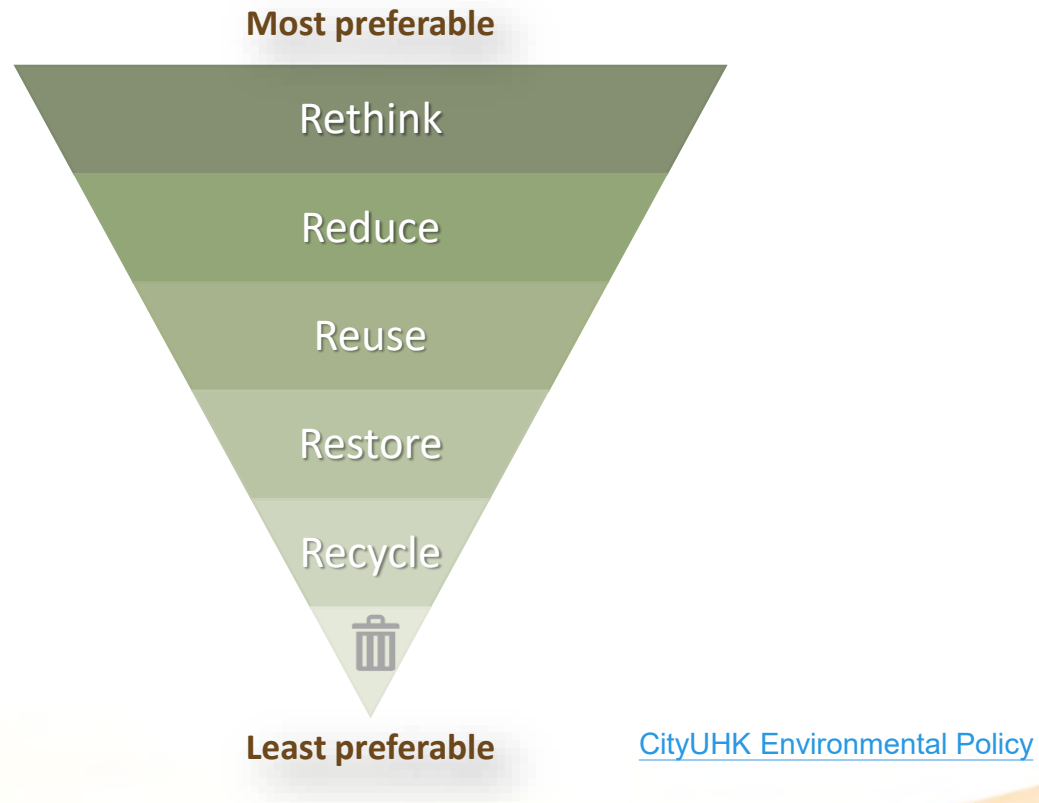
Using the baseline year of 2018/19, CityU targets a reduction of 8% of Green House Gas (GHG) Emission per floor area on campus by 2030

GHG 8%

2. Waste Management

Waste Management Approach

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



2. Waste Management

Rethink and Reuse

FMO supports the campus greening and makes every endeavor in improving and maintaining a green environment for the enjoyment of the University students, faculty, staff and visitors.



Using a disposed cabinet and converting it into a shelf for a security counter



Before



After

Using the used event foam boards and converted them to locker signs for co-working space

2. Waste Management

Reduce of construction waste

Student Residence at Whitehead in Ma On Shan adopted Modular Integrated Construction (MiC) technology so as to reduce construction waste, shorten the construction period and minimise the impact on the neighbourhood. It is currently the world's largest student hostel project to have adopted MiC technology.

MiC refers to modules, or units, assembled in the factory and then transported to a project site where they are installed as part of the construction process. This approach to building accelerates the construction project and leaves a much smaller carbon footprint.



2. Waste Management

Recycling of Yard Waste

For waste reduction, yard waste such as branches, tree trunks and leaves generated from pruning and felling works were either shredded in-situ or transported to Y·PARK for shredding.

The yard waste collected in-situ and from Y·PARK were used in CityUHK landscape areas for mulching purpose. Totally, approx. 9,460 kg yard waste were delivered to Y·Park for recycling process and approx. 300 kg wood chips were applied in landscape areas during the reporting period.



AEB



Collection of wood chips from Y·PARK



BOC



Hillside Trail

2. Waste Management

Reuse and Donation

Items	2022 - 2023	2023 - 2024
Books (kg)	192	162
Mooncakes (pcs)	18	20
Plant waste (kg)	12,550	9,460

2. Waste Management

Recycle

Items	2022 - 2023	2023 - 2024	Difference	%
Recyclables				
Waste paper recycled (kg)	72,820	58,840	-13,980	-19.2
Metals recycled (kg)	169.2	170.4	1.2	0.7
Plastic bottles recycled (kg)	330	368.4	38.4	11.6
Printer cartridges recycled (kg)	260.8	364.8	104	39.9
Mercury-containing fluorescent tubes and lamps recycled (kg)	11,000	11,400	400	3.6
Green waste and plant trimmings reused (kg)	10,150	300	-9,850	-97
Glass bottles recycled (kg)	8,773	10,083	1,310	14.9
Used Lai See packets (kg)	50	110	60	120
Food waste (kg)	47,689	57,377	9,688	20.3
Municipal Solid Waste (MSW)				
Municipal solid waste (kg)	1,233,727	1,206,448	-27,279	-2.2

2023 - 2024

Total Recyclables:
148.6 tonnes

MSW:
1,206 tonnes

Recovery Rate (%)
11.0%

MSW Disposal Rate
0.1524 kg/capita/day

2. Waste Management

Recycle - Food Waste

Starting from 30 March 2024, a new contractor has been appointed by Environmental Protection Department to take up food waste collection services for CityUHK. In order to allow the catering outlets recycle food waste in a convenient way, we initiate a new arrangement to add three more food waste collection points in our school. Thus, we have the following four food waste collection points in total:

1. Refuse room on LG2 of Li Dak Sum Yip Yio Chin Academic Building (LI)
2. Refuse room on the ground floor of the Academic Exchange Building (AEB), next to CityU Lodge
3. Refuse room in Student Residence (Kowloon Tong) (SR(KLTN)), a floor below Homey Kitchen
4. Refuse room in the car park of Run Run Shaw Creative Media Centre (CMC)

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. To echo the food waste collection pilot scheme offered by EPD, 10 catering outlets joined the scheme, and their food waste was collected by the food waste collector contracted by EPD while other catering outlets continued to collect their food waste for recycling.



LI



CMC



AEB



SR

2. Waste Management

Recycle - Food Waste

Joined inspections with the Environmental Protection Department (EPD) were conducted to monitor the performance of food waste collection on campus. In addition, promotional posters were posted near food waste collection bins to educate the caterers to distinguish what can be recycled and what cannot.

Summary of Food Waste Recycled :

Compared with the previous year, the recorded amount of food waste collected and increased which could reflect we are resuming normal since the outbreak of COVID-19 throughout the reporting period. The amount of food waste collected increased significantly by 20%.



Staff from EPD conducted site inspection at the University



Promotion posters were posted at collection points

2. Waste Management

Recycling of Batteries

More than 100 different types of batteries for Extra-Low Voltage (ELV) System have been sent to registered collector for recycling.

For Walkie Talkie Sets:

Quantity: 6 pcs



Quantity: 77 pcs



Quantity: 2 pcs



2. Waste Management

Hazardous Waste

Quantity of hazardous waste disposed of in year 2022-2023 and year 2023-2024:

	2022 - 2023	2023 - 2024
Liquid Chemical Waste # (L)	25,920	28,280
Solid Chemical Waste # (kg)	15,560	15,620
Clinical Waste * (kg)	4,167	4,934
Liquid Radioactive Waste	9.242 μ Ci	6.49 μ Ci
Solid Radioactive Waste	0.15 μ Ci	0.01 μ Ci

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.

2. Waste Management

Hazardous Waste

For those defective UPS batteries (Lead-Acid) for support CCTV system were collected by the Contractor for recycling.

Quantity: 16 pcs



UPS Batteries

Quantity: 13 pcs



3. Water Management

Water Consumption and Recycling

Compared with year 2022-2023, the annual fresh water consumption has increased as all activities resumed normal after the outbreak of COVID-19. The following particulars are observed:

- a) Portable water consumption increased by 37.5%. This might be more occupants to use portable water on campus; and
- b) The cleansing and irrigation water consumption increased by 36.4%. This might be due to more water used for cleansing; and
- c) The water consumption for cooling tower of air-conditioning system increased slightly by 3.6%. This water consumption is reasonably stable compared with last year.
- d) The water consumption of swimming pool increased by 25.8% during operation.
- e) 5,355 m³ greywater was collected from the wash hand basin and condensate water of the central air conditioning system. The grey water recycled was slightly decreased 6.7%. (represented 1.8% of total water consumption for cleansing and irrigation).

	2022-2023	2023-2024	Difference	%
Potable (1000 m³)	112.4	154.6	42.2	37.5
Cleansing & Irrigation (1000 m³)	67.5	92.1	24.6	36.4
A/C (1000 m³)	140.3	145.4	5.1	3.6
Swimming pool (1000 m³)	2.3	3	0.7	25.8
Grey water recycled (1000 m³)	5.7	5.4	-0.3	-6.7

4. Energy Management

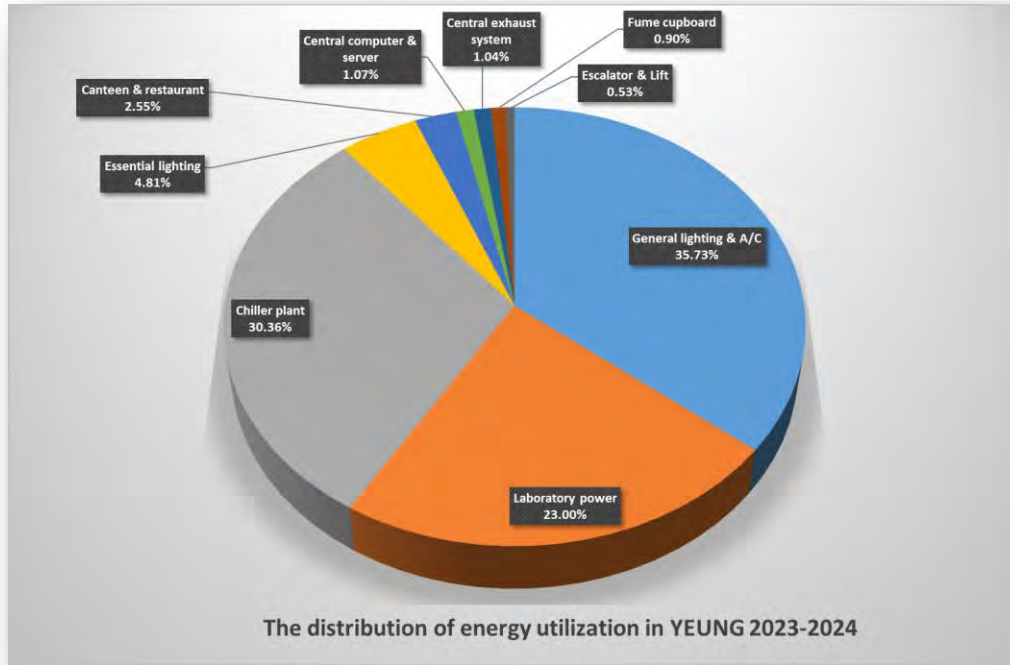
Energy Consumption

The total annual electricity consumption for 2023-2024 was 75.6 million kWh. The total electricity consumption has increased. This might be due to the increase of laboratories on campus, which increased the demand for air-conditioning. Compared with year 2022-2023, the total electricity consumption increased by 7.7%.

Building	2022 - 2023 (mil kWh)	2023 - 2024 (mil kWh)	Difference (mil kWh)	%
YEUNG	49.1	53.1	4.0	8.1%
LI	6.3	6.5	0.2	3.2%
LAU	7.5	8.2	0.7	9.3%
CMC	7.3	7.8	0.5	6.8%
Total	70.2	75.6	5.4	7.7%

4. Energy Management

Energy Consumption - YEUNG



The distribution of energy utilisation in YEUNG

General lighting & A/C	35.73%
Chiller Plant	30.36%
Laboratory Power	23%
Essential lighting	4.81%
Canteen & restaurant	2.55%
Central Computer and Server	1.07%
Central Exhaust System	1.04%
Fume cupboard	0.9%
Lift & Escalator	0.53%

4. Energy Management

Energy Saving Initiatives

CityUHK has partnered with CLPe to install nearly 2,000 high-efficiency bifacial solar panels across campus, generating 1.15GWh of electricity annually and reducing carbon emissions by 450 tonnes. The project will also apply CityUHK's i2Cool passive radiative cooling technology to enhance solar panel performance.

As a leading university, CityUHK is pioneering innovative sustainability solutions through research and on-campus implementation. This collaborative project demonstrates CityUHK's commitment to renewable energy adoption and carbon reduction, setting an example for academia-industry partnerships to advance sustainable development. The initiatives aim to raise green awareness among the campus community and encourage further collaborations to accelerate sustainable progress.



4. Energy Management

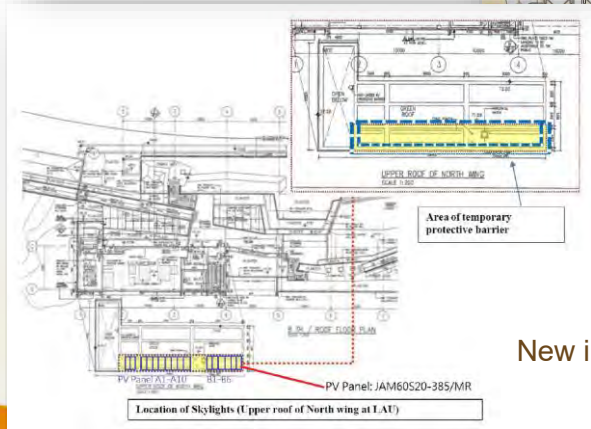
Energy Saving Initiatives

Existing Solar Panel installation at LAU Roof

- Connect to CLP power grid – FiT Scheme Application
- 385W x 16nos. = 6.16kW



 Roof of LAU



New installed PV Panel at LAU

Meter Speed test of upload and download



4. Energy Management

Energy Saving Initiatives

New chiller pipes



New chiller water pumps



Chiller control panel

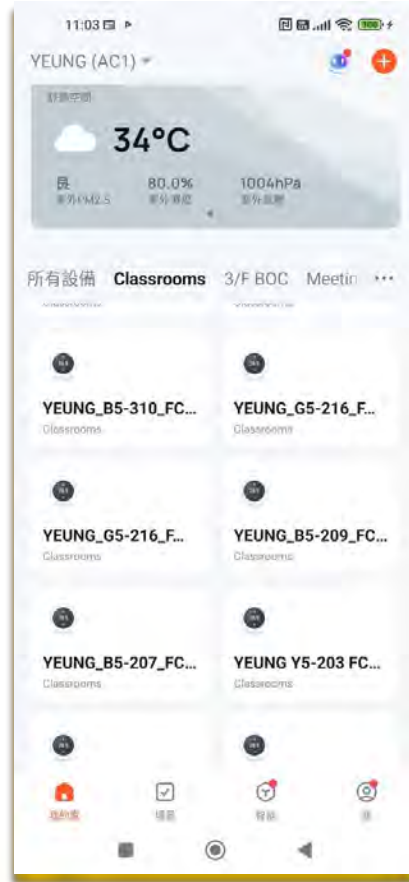


New chiller pipes connected to cooling towers

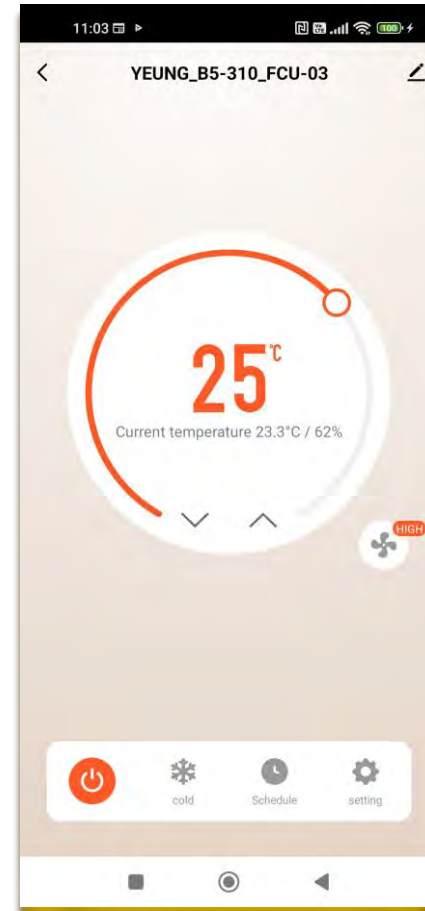


4. Energy Management

Report on Sustainable Activities and Collaborations



FCU Wifi controller installed for remote control and scheduling setting in classroom



Setting of the temperature

4. Energy Management

Report on Sustainable Activities and Collaborations

Serving Area: North Purple Zone
PAU-N1

TIME SCHEDULE

	MON	TUE	WED	THU	FRI	SAT	SUN
FAN ON	06:00	06:00	06:00	06:00	06:00	06:00	06:00
FAN OFF	23:30	23:30	23:30	23:30	23:30	23:30	23:30
FAN ON	00:00	00:00	00:00	00:00	00:00	00:00	00:00
FAN OFF	00:00	00:00	00:00	00:00	00:00	00:00	00:00
FAN ON	00:00	00:00	00:00	00:00	00:00	00:00	00:00
FAN OFF	00:00	00:00	00:00	00:00	00:00	00:00	00:00
FAN ON	00:00	00:00	00:00	00:00	00:00	00:00	00:00
FAN OFF	00:00	00:00	00:00	00:00	00:00	00:00	00:00

16.0 °C
50.0 %
13.0 °C

Scheduling of the PAU and AHU in iBMS

4. Energy Management

Greenhouse Gas Emissions and Removals



Click [here](#) to read the Guidelines

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 the Electrical and Mechanical Services Department (EMSD) of the HKSAR Government, CityUHK 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.

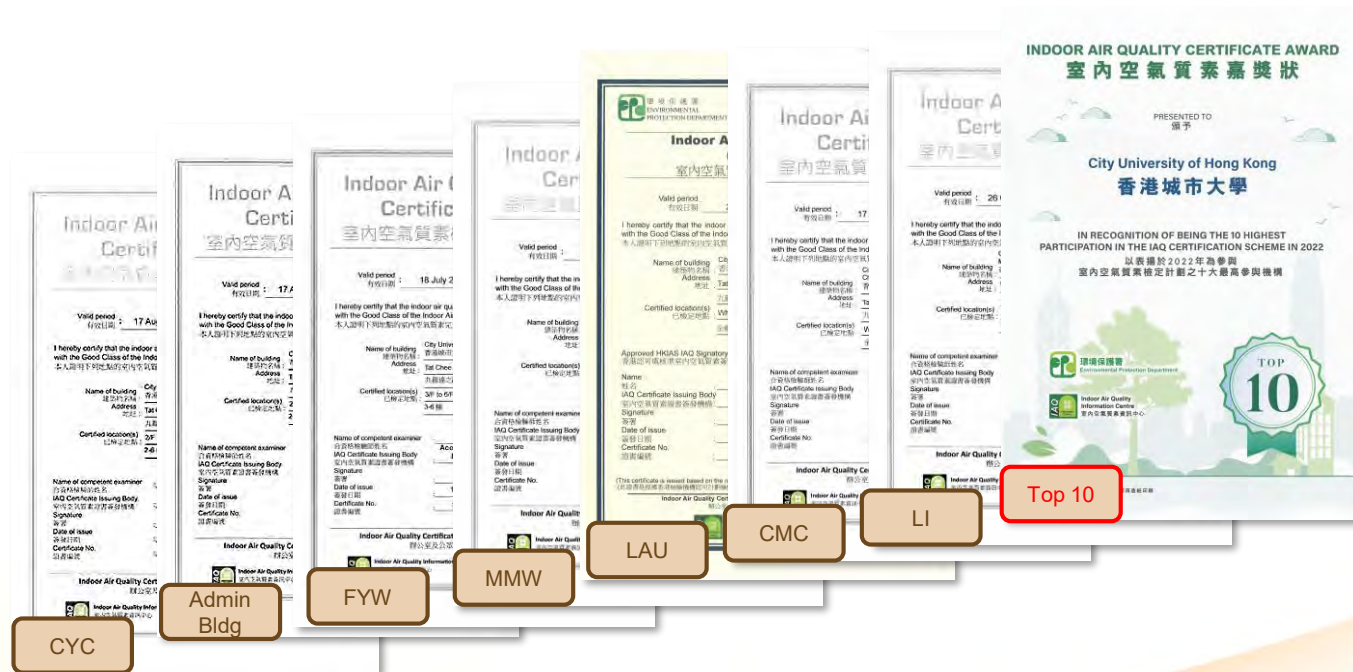
Performance Indicator	2018/19 (Baseline Year)	2019/20	2020/21	2021/22	2022/23	2023/24
Greenhouse Gas Emission per Floor Area (in tonnes of CO ₂ -equivalent per square meter)	0.13	0.13	0.10	0.10	0.11	0.14
% Change Compared with Baseline Year	-	0%	-23.08%	-23.08%	-15.38%	7.69%

The increase in GHG emissions per floor area in 2023/24 compared to the previous year, which was still under COVID-19, might be due to the increase in staff members and students and the rise in the number of events and activities carried out on campus.

5. Air Quality Management

Indoor Air Quality (IAQ)

A total of seven buildings on campus obtained the “Good Class” IAQ certificate. Seven of the eight buildings have obtained the certificates four 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 and it was its second year obtaining the certificate. In addition, CityUHK received the Indoor Air Quality Certificate Award that issued by EPD in recognition of being the 10 highest participation in the IAQ certification scheme.



5. Campus Greening

Landscape Maintenance and Improvement

Gardeners have made great efforts to maintain a beautiful, pleasant and green environment for campus users through a wide range of landscape maintenance and improvement works.



5. Campus Greening

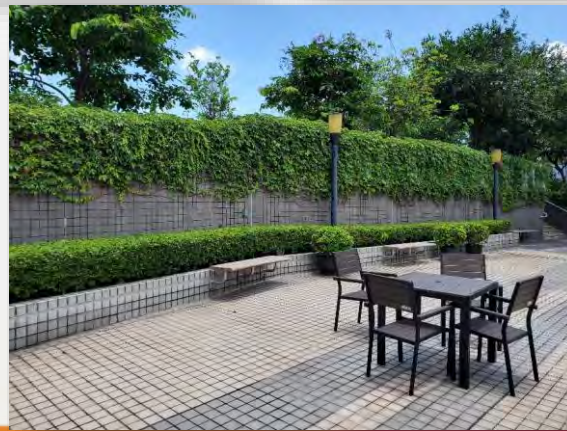
More than 60 landscape improvement works have been done on campus and residential quarters, creating a green and pleasant environment for the enjoyment of campus users and residents.



5. Campus Greening

Enhancement of Greening Effect

In addition to the existing landscape, vertical vegetation and potted plants on roof were introduced for enhancing greenery.



5. Campus Greening

Compensatory Tree Planting

Upon removal of hazardous and dead trees, the loss of greenery were compensated by planting of trees or whips of native species for restoration of greening and ecological function.



5. Campus Greening

GROW

GROW, as the first organically certified university rooftop in Hong Kong, has long been contributing its harvest to NGOs in Hong Kong. GROW had contributed 91kg harvest to “Pei Ho Counterparts” (北河同行) in Sham Shui Po during the reporting period. The highlights are as follows:



Donated 38.5kg white raddish to “Pei Ho Counterparts” (北河同行) in Sham Shui Po in Jan 2024

5. Campus Greening

GROW

Participants of the activity helped with the harvesting and delivery of vegetables. GROW had donated 17kg Swiss Chard and Indian lettuce to “Pei Ho Counterparts” (北河同行) in Sham Shui Po in Apr 2024.



5. Campus Greening

GROW

On 23 March 2024, the Tai Po Baptist Church Social Service coordinated a visit for a group of children to CityUHK. The event was organized by the CityUHK Engineering Doctorate Society and supported by the CityUHK Alumni Relations Office and GROW.

Besides learning scientific knowledge through an interactive demonstration, the children were given a tour of the Low Carbon Energy Education Centre on campus. They also participated in a hands-on transplanting of seedlings at the rooftop farm.



5. Campus Greening

GROW

GROW had co-organized event called 「城大種樂樂」 with Convocation of CityUHK from April to August 2024.



香港城市大學「城大」評議會自2022年4月起成功舉辦兩次「城大種樂樂」有機種植活動後，現將於今年4月舉辦新一期種植活動，誠邀有意學習的校友一同參與。

城大堅持持續發展的理念，努力加強環保工作，致力為本地、全球人類，以及未來世代謀福祉。而校園內李達三葉羅珍學術樓（下稱LI）設有天台農場，讓城大成員可參與種植活動並增強對環保的概念。

故此，城大評議會希望透過舉辦是次活動，為校友提供相聚平台，並促進校友身心健康。同時讓參加者學習有機種植的知識，從而瞭解香港農業的發展。而收成品更會用作捐助有需要人士，回饋社區，饒富意義。

項目	「城大種樂樂」有機種植活動
日期及時間	2024年4月14日、21日 2024年5月5日、19日 2024年6月2日、23日 2024年7月7日、21日 2024年8月4日、18日 (共10個週日，09:00 - 12:00) 備註：每堂均設約2小時種植實習及約45分鐘種植理論講解，上堂時間或會因應當天天氣情況而有所改變。
地點	城大李達三葉羅珍學術樓 LI-6376 課室及天台農場
導師資料	城大評議會副主席及園藝治療師 — 何啟邦先生 城大園藝組核心成員 — 陳慧齡女士 城大園藝組核心成員 — 翁文傑先生
活動內容	種植理論分享（從開田、照顧至收割）及耕種實習 聯絡社區機構或相關單位，捐贈農作物予有需要人士 通過種植活動，從不同方面了解生命價值

人數	20人 (只限城大校友參加，名額有限，先到先得) 備註：曾參加過往「城大種樂樂」活動的校友將會收到個別通知，不須再次報名。
語言	廣東話
費用	全期10堂，港幣300元（繳款後不設退款） *已包括所有材料費用
報名	請按此報名 （以先到先得方式進行） （截止日期為2024年3月25日）
查詢	(852) 3442-6463 / convocation@alumni.cityu.edu.hk
注意事項	<ol style="list-style-type: none"> 活動當日如遇上突發原因而更改或取消，將不設補課安排。 如天文台於活動前四小時已發出八號或以上熱帶氣旋警告或紅色 / 黑色暴雨警告信號，活動將會取消。如天文台在上課前四小時已取消上述警告信號，在場地許可的情況下，活動將繼續舉行。 如天文台於活動開始前 / 期間發出雷暴警告，天台農場將不會開放，活動安排將另行通知。 參加者必須親自參加活動，不得轉讓他人參與，亦不能攜同他人出席。 參加者於活動期間，須留意自身和他人的安全，並小心使用園藝工具。如因種植活動招致損失或受傷，香港城市大學及主辦單位恕不負責。 參加者不得妨礙其他農場使用者，也不得在天台農場範圍內進行與本活動無關的行為。 如有任何爭議，城大評議會將保留最終決定權。

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 Facebook  Like  Instagram

Address: Room 6056, 6/F, Bank of China (Hong Kong) Complex
 City University of Hong Kong, Kowloon, Hong Kong
 Tel: 3442 6463 Fax: 3442 0114
 Email: convocation@alumni.cityu.edu.hk
 Website: http://convocation.cityu.edu.hk

5. Campus Greening

Use of Eco-friendly Fertilizers

To maintain quality of plants, organic fertilizers were selected and widely applied in the landscape areas to minimize adverse impact on the environment.



Organic liquid fertilizer



Composts from coffee grounds and animal waste

6. Sustainability in Residential Quarters

Food Waste Reduction and Recycling

Mini food decomposer is used at residential quarters to recycle food waste into fertilizers to help conserve limited landfills. More than 260 Kg of food waste was converted into about 44 Kg of fertilizers which were applied in landscape areas on Campus.



Mini food decomposer used in staff quarters for converting food waste into fertilizers



Application of food waste as fertilizers in landscape areas

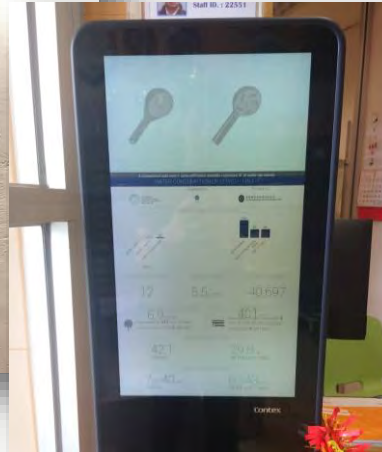
7. Sustainability at Student Residence

Jockey Club Sustainable Campus Consumer Programme

This programme is led by the Jockey Club Sustainable Campus Consumer Programme (JCSCCP), a joint university programme under the Hong Kong Sustainable Campus Consortium (HKSCC) to promote sustainability at the University. Last year, smart shower heads were installed in the selected hall. This year, a smart electricity meter has been installed, too. With the use of Apps, the usage will be shown to residents by the LED display at the G/F lobby.



Smart electricity meter



LED display

Replacing Existing Lighting to LED

The lighting inside students' rooms and corridors in Halls 1 to 3 has been replaced by LED previously, and the performance is good. Therefore, the lighting in all other halls was replaced this year, and motion sensors were installed in corridors. An estimated 362,572 kWh of electricity consumption can be reduced every year.



7. Sustainability at Student Residence

Promotion of Smart Recycling

To work with Environmental Protection Department “Green Outreach” team, smart recycle vehicle parked at Student Residence on 26 Feb 2024 for promoting smart recycling.



Promotion of Municipal Solid Waste (MSW) Charging

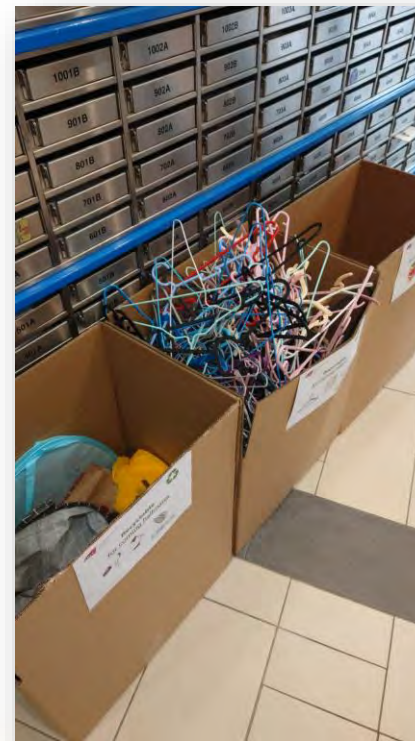
Although MSW charging has been deferred, promotion has been carried out. Two promotion campaign with EPD “Green Outreach” team have been held on 20 Sep 2023 and 20 Feb 2024.



7. Sustainability at Student Residence

Mass Check-out Recycle

Every year, lots of waste has been generated during the mass check-out period, however, some of them can be reuse/recycle. In this connection, a recycle campaign has been arranged (refer to attachment 6 & 7). A little amount of small electrical appliance, 2461 clothes racks and 131 books have been collected, all the collected items will be passed to the Residence Master of each hall and deliver to new comer during the check-in period of coming semester.



8. Activities and Collaborations

Green Living @ CityU 2023

Kick-off Ceremony:

Professor LI Wen Jung, the Chairman of the Sustainability Committee, Mr Sunny Lee, Vice-President (Administration), Professor Steven Wang, Deputy Chairperson of Sustainability Committee, Ms Brenda Lai, Director of Facilities Management were the officiating guests of the Ceremony conducted on 22 September 2023. A performance with upcycle music instrument was held at the ceremony to promote waste reduction and plastic free concept.



8. Activities and Collaborations

Green Living @ CityU 2023

Exhibitions:

- Achievements in Sustainability
- Campus Greening
- Green events
- Event highlights
- Waste Management



8. Activities and Collaborations

Green Living @ CityU 2023

GROW:

Recruit GROW members and give small pots with vegetables to participants to introduce organic farming



Organic food tasting:



8. Activities and Collaborations

Green Living @ CityU 2023

Workshops:

- Making Aroma Stone
- Natural Mosquitoes Repellent



Green Living @ CityU 2023
No Carbon, No Plastic and Zero Waste
惜碳、絕膠又免廢

擴香石製作 + 天然驅蚊水

22/9/2023

工作坊 1
Making Aroma Stone

工作坊 2
Natural Mosquitoes Repellent
14:00-15:00

9月22日(五), 22 September 2023 (Fri)
王氏國際廣場
Wong's International Terrace
語言: 廣東話 Cantonese

Organisers:
Sustainability Committee
Facilities Management Office

Supporting Organisation:
GREEN@SHAM SHUI PO
綠在深水埗
GREEN @ SHAM SHUI PO

Enrolment



8. Activities and Collaborations

Green Living @ CityU 2023

Recycle Day:



Support Clean Recycling
支持乾淨回收

9.22
Recycle Day
九月二十二
回收日

Paper 紙張
Metals 金屬
Glass Bottles 玻璃樽
Rechargeable Batteries 充電池
Plastic Bottles and Other Plastics 膠樽和其他塑膠
Small Electric Appliances 小型電器
Regulated Electrical Equipment 受管制電器
Polystyrene Foam 發泡膠
Drink Cartons 紙包飲品

請即下載!
Download Now!
[QR Code]
[QR Code]
[QR Code]
GREEN'S Mobile App

Date 日期: 22 - 9 - 2023
Time 時間: 12:00 - 15:00
Venue 地點: Wong's International Terrace, 4/F, BOC
中國銀行(香港)綜合樓四樓王氏國際廣場

CityU Facilities Management Office
CityU 設施管理處

Organisers:
Facilities Management Office
GREEN@SHAM SHUI PQ

8. Activities and Collaborations

Green Living @ CityU 2023

No Carbon, No Plastic and Zero Waste Pledge:

- More than 1200 staff members and students participated in the Pledge in “No Carbon, No Plastic and Zero Waste” Pledge.
- Chili Seed Gift Pack and WEEE · Park as redemption for making the pledge.

Green Living @ CityU 2023
No Carbon, No Plastic and Zero Waste Pledge
惜碳、絕膠又免廢承諾

QR Code

No Carbon

- ✓ Take short showers
- ✓ Select local and energy efficient products

No Plastic

- ✓ Bring Your Own Meal Box
- ✓ Avoid products with excessive plastic packaging

Zero Waste

- ✓ Buy and use what I need, not what I want
- ✓ Recycle the recyclables

CityU 香港城市大學 City University of Hong Kong

Organisers:
Sustainability Committee
Facilities Management Office

Green Living @ CityU 2023
WEEE · Park Visit 參觀

Date: 28 December 2023 (Thursday)
日期: 2023年12月28日 (星期四)

Time: 14:30 - 15:30
時間:

*Round trip transportation included
*包括往返接送

QR Code

Scan the QR code for enrolment
掃描二維碼報名

Chili Seed Gift Pack
辣椒種子種植杯

CityU 香港城市大學 City University of Hong Kong

Organisers:
Sustainability Committee
Facilities Management Office

8. Activities and Collaborations

Green Living @ CityU 2023

Chili seed :

Receivers of the Chili Seed Gift Pack shared their result with us.



8. Activities and Collaborations

Green Living @ CityU 2023

Plantation Day:

Planting sapling on the Hillside Trail inside campus



Green Living @ CityU 2023
CityU Plantation Day
城大植樹日

Date:
日期: 30 November 2023 (Thursday)
2023年11月30日 (星期四)

Time:
時間: 14:15 - 16:15

Venue:
位置: At the top of hillside trail, CityU Campus
城大山邊小徑山頂

Enrolment
報名

First Plantation Day @ CityU. Don't miss the chance! 城大第一次植樹日, 切勿錯過!

Organisers:
Sustainability Committee
Facilities Management Office

8. Activities and Collaborations

Green Living @ CityU 2023

Visit: WEEE·Park



8. Activities and Collaborations

Green Living @ CityU 2023

Talks:



The mystery of healthy diet 健康飲食法的迷思



Green Trail and Guided Tour

8. Activities and Collaborations

Green Living @ CityU 2023

In response to the Green Trail and Guided Tour, we have placed stainless steel plaques next to the plants in the Chinese Garden. The plaques are engraved with the Chinese and English names of the plants. Visitors can scan the QR code to view the detailed Chinese and English descriptions of each plant.



Plants in the Chinese Garden

Alexandra Palm 假樟樹	Big-leaved Fig 黃葛樹	Brazil Bougainvillea 新杜鵑
Candlenut Tree 石栗	Ceylon Myrtle 葉下珠	Chinese Banyan 福祿樹
Chinese Fan Palm 蒲葵	Chinese Holly 鐵冬青	Creeping Fig 薛荔
Flame Tree 鳳凰木	Foxtail Fern 羽鳳尾蕨	Frangipani 雞蛋花
Fukien Tea 福建茶	Golden Shower Tree 絲桐豆	Hong Kong Orchid Tree 洋紫荊
Ixora Dwarf 紅葉羅漢松	Japanese Camellia 山茶	Longan 龍眼
Parado Spride 洋金鳳	Princess Flower 巴西野牡丹	Red Powder Puff 紅絨球
Sacred Bamboo 南天竺	Sweet Olive 桂花	Swiss Cheese Plant 龜背竹
Umbrella Papyrus 風車草	Umbrella Plant 鴨腳木	Walking Iris 巴西鳳尾
Water-Lily 睡蓮	White Champaca 白蘭	Yellow Champaca 黃蘭

8. Activities and Collaborations

Green Living @ CityU 2023

Books Give and Take

For the 7th year CityUHK 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. CityUHK 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, surplus books that weighed 162 kg were donated to Sham Shui Po Green Community to continue their lives for the contribution to the local community.



8. Activities and Collaborations

Green Living @ CityU 2023

Clothing Swap Pop-up market:



8. Activities and Collaborations

Green Living @ CityU 2023

Mooncakes collection and donation

CityUHK 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 20 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.



8. Activities and Collaborations

Lai See Reuse and Recycle Program

With the aim to reducing wastage by reusing some of the materials so as to contribute to a greener Hong Kong, CityUHK continued to support the “Lai See Reuse and Recycle Program 2024” organised by Greeners Action to collect used Lai See packets from 9 locations located at YEUNG, LI, LAU, CMC, Student Residence, TCY, NSY and Academic Exchange Building during the period from 19 February 2024 to 17 March 2024. 110 kg of Lai See packets were collected for reuse.



8. Activities and Collaborations

Earth Day

To echo the 422 Earth Day, a promotion brings the message of “422 Earth Day: Planting a Plastic-Free Future” (422世界地球日 種出無塑未來) to the CityUHK community on 22 April 2024. 22nd April is the first day of implementing regulations on disposable plastic tableware, we also took this opportunity to introduce the government’s policy to CityUHK members. The concept of clean recycling was also introduced to them.

In addition, we took this opportunity to encourage CityUHK staff and students to join the Carbon Wallet (CW) CityU Community and be part of a collective effort to address environmental challenges.



8. Activities and Collaborations

Umbrella Bags Reduction Accreditation Program



8. Activities and Collaborations

Housekeeping campaign

To continue the University's efforts to go green, reduce waste and do more recycling, a Housekeeping Campaign across different buildings was organised. The amount of waste paper for recycling is listed below:

November 2023 – December 2023	Waste paper for recycling
Li Dak Sum Yip Yio Chin Academic Building (LI)	990L
Run Run Shaw Creative Media Centre (CMC)	440L

January 2024	Waste paper for recycling
Bank of China (Hong Kong) Complex (BOC)	1,320L
To Yuen Building (TYB)	3,850L
Nam Shan Building (NSB)	220L



8. Activities and Collaborations

Smart Recycling Bins Game Booth

To work with the Environmental Protection Department (EPD) for a game booth on 24 November 2023 on our campus. This event aims to encourage CityU community to embrace the use of Smart Recycling Bins as a regular practice for recycling and promote GREEN\$ mobile app.



8. Activities and Collaborations

Joint-U Campaign – Jockey Club Sustainable Campus Consumer Programme (JCSCCP)

Over the years, the eight publicly-funded universities of the HKSCC have been working together in making Hong Kong a more sustainable society. The JCSCCP was developed as a collaborative endeavour by the eight member institutions of the HKSCC. This three-year programme promotes the United Nations' SDG#12, Responsible Consumption and Production, and aims to groom a new generation of more responsible and thoughtful consumers.

The programme consists of three core focus areas: (1) Responsible Choices, (2) Responsible Consumption, and (3) Responsible Consumer Activism. It aims to:

- Reduce the overall campus consumption of energy and water;
- Reduce one-time use disposable food and beverage containers; and
- Increase the awareness and understanding of eco-labelling.



8. Activities and Collaborations

Joint-U Campaign – Jockey Club Sustainable Campus Consumer Programme (JCSCCP)

Among the three focus areas of JCSCCP, a series of programmes have been organised during the reporting period.

Imported Food Local Food
進口食材 本地食材

- Spilling and losing nutrients due to long transportation 於長途運輸中損壞和浪費營養
- Higher transport-related greenhouse gas emissions 運輸相關溫室氣體排放量較高
- Allow a more global food palette, but we can maximise the foods we buy from local sources. 容許更多國際食物時，儘可能選擇本地貨品
- Produce are fresher and retain higher nutrients. 農產品新鮮程度和營養價值較高
- Lower transport-related greenhouse gas emissions 運輸相關溫室氣體排放量較低
- Support local economy and local farmers. 支持本地經濟和農家

#EatForThePlanet
TRACE YOUR PLATE

Complete mini-quiz by 18 August to win up to **HK\$5,000** in a lucky draw!
8月18號前完成小測驗即有機會贏取總值 **\$5,000** 港幣嘍獎品!

Red Meat
Nice to meet you, I am Ms. Cow! I am 好高興認識你，我是牛小姐呀

- higher in fat 脂肪含量高
- higher in calories & cholesterol 卡路里和膽固醇含量高
- 2-3 times higher in carbon footprint 碳足跡高2-3倍

White Meat
Nice to meet you, I am Mr. Chicken! I am 好高興認識你，我是雞先生呀

- lower in fat 脂肪含量低
- higher in protein 蛋白質含量高
- a more sustainable option 更環保的選擇

#EatForThePlanet
WHITE out RED meat

Complete mini-quiz by 19 July to win up to **HK\$10,000** in a lucky draw!
7月19號前完成小測驗即有機會贏取總值 **\$10,000** 港幣嘍獎品!

2023
EAT FOR THE PLANET
RECAP

COMPLETE THE MINI QUIZ TO WIN PRIZES WITH TOTAL WORTH OF **HKD5,000**

CAMPAIGN PERIOD:
4 DEC 2023 to 15 DEC 2023

SCAN ME!

Jockey Club Sustainable Campus Consumer Programme 賽馬會 | 綠城 | 綠港

#EatForThePlanet
TRACE YOUR PLATE

Complete mini-quiz by 18 August to win up to **HK\$5,000** in a lucky draw!
8月18號前完成小測驗即有機會贏取總值 **\$5,000** 港幣嘍獎品!

First Prize
10,000 Apple Gift Card
\$500 Green Common Gift Card

Second Prize
\$700 Apple Gift Card
\$300 Green Common Gift Card

Third Prizes
\$250 Green Common Gift Card

#EatForThePlanet
WHITE out RED meat

Complete mini-quiz by 19 July to win up to **HK\$10,000** in a lucky draw!
7月19號前完成小測驗即有機會贏取總值 **\$10,000** 港幣嘍獎品!

First Prize
\$3,000 HK\$3,000 Apple Gift Card (Apple Watch included when available)

Second Prize
\$2,000 \$2,000 Apple Gift Card (Apple Watch included when available)

Third Prize
\$1,000 \$700 Apple Gift Card (Apple Watch included when available)

"Trace Your Plate" mini quiz and lucky draw

"White Out Red Meat" mini quiz and lucky draw

"EatForThePlanet" mini quiz and lucky draw

8. Activities and Collaborations

Joint-U Campaign – Jockey Club Sustainable Campus Consumer Programme (JCSCCP)

Student Leadership Programme and Sustainability Leadership Programme (4th batch) organised to recruit students. The recruited students were trained and were required to initiate and complete sustainability related projects.

Student projects of Sustainability Leadership Programme



Jockey Club Sustainable Campus Consumer Programme
愛尚食 | 綠 · 綠 · 綠

Sustainability Leadership Programme

SPRING 2024

Help drive positive behavioural change at your university!

- Receive leadership training and industry exposure
- Meet like-minded individuals
- Get up to **HK\$6,000 funding per team** to execute projects
- Student leaders are awarded with a Certificate upon completion
- Students winning top three projects will each receive an **online course/subscription of your choice** for personal development of value up to **HK\$1,000**

Apply Now!



Application Deadline:
16 Feb 2024



JEANS RECYCLING WORKSHOP
APRIL 19, 2024 | 1:00 - 3:00 PM

VENUE: BOC R5000
SIGN UP HERE



FROM DAMAGED JEANS

SCRUNCHIES
COASTERS

SIGN UP, RECYCLE, MAKE A PLEDGE, AND GET REWARDS!

FOR CITY U STUDENTS ONLY
ENQUIRY: +852 98233317 (CALL/SMS)

Let's use lunchboxes!

Borrowing a lunchbox and completing the survey to earn gifts

Protect the environment
Ways to gain gifts
Borrow 1 lunch box = 1 stamp
Complete 1 Survey = 2 stamps
5 stamps = A gift

Top 3 borrowing records throughout the whole activity will get an extra gift (if there are more than one people and there will be a lucky draw)

Please scan the qr code to join

Step 1: Do the Survey **Step 2: Borrow Lunch Box**



Pre Survey



Lunch Box

Highly encourage to the first

1 record per day max

Gifts to choose:

1. Reusable straws
2. Reusable water bottle
3. Reusable tablewares (Pictures are for reference only)

Location: City Express entrance

Date of Collecting Stamps: 23/11-6/12
Redeeming Date of the Gifts: 18,19/12
(the venue and the detailed time will be noticed later)

8. Activities and Collaborations

Joint-U Campaign – Jockey Club Sustainable Campus Consumer Programme (JCSCCP)

CityUHK hosted the ceremony of “Driving Sustainability: Promoting the Lunchbox Lending Programme” on 31 October 2023 as the convener of Hong Kong Sustainable Campus Consortium (HKSCC) in 2023. This ceremony marked the implementation of the Lunchbox Lending Programme and it is a key initiative of the eight universities under the umbrella of JCSCCP, aims to drive sustainability and promote United Nations Sustainable Development Goal #12: Responsible Consumption and Production in the eight campus communities.



8. Activities and Collaborations

Joint-U Campaign – Jockey Club Sustainable Campus Consumer Programme (JCSCCP)

Organising Reusable Meal Container Lending System promotion campaign



Christmas and Lunar New Year campaign

Media event on
24 October 2024



8. Activities and Collaborations

Joint-U Campaign – Jockey Club Sustainable Campus Consumer Programme (JCSCCP)

JCSCCP had partnered with the green lifestyle reward platform Carbon Wallet (CW) to create dedicated communities for eight UGC-funded universities within the App. Promotional sessions were conducted on campus and student residence on 24 and 25 on Jan 2024. Staff and students could earn 1000 CW points whenever they join the community using the community code. New users of the App can even earn \$20 bubble tea coupon.



8. Activities and Collaborations

Joint-U Campaign – Jockey Club Sustainable Campus Consumer Programme (JCSCCP)

Get Redressed Month 2024 to collect unwanted clothes and give them a second life.



Eco-seminar

日期：10月3日（星期二）

時間：晚上6:00 至 7:00

線上線下混合模式：
網上：確認登記後，將分享Zoom連結
地點：課室 6-212，劉鳴輝學術樓，香港城市大學

講座將會以廣東話進行

想要環保過生活
但又無動力
踏出第一步？
唔知點樣入手？
立即報名! ✨

“衣食住行” OnlyFans?!
環保(KO)L的
秘密生活

8. Activities and Collaborations

Energy Saving Charter

The University continued to sign up to the “Energy-Saving Charter 2023” (Charter) 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 2023 to May 2024. 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](#).
- Switching 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 2024

CityUHK has always supported the WWF Earth Hour campaign held and so as this reporting period. On 23 March 2024, 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, CityUHK 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.

The theme for Earth Hour 2024 is “**Give an Hour for Earth**” which shines a spotlight on some silent heroes: wetland habitats.



9. Recognitions and Awards

Prestigious Gold Award at the Hong Kong Green Innovations Award (HKGIA)

The State Key Laboratory of Marine Pollution (SKLMP) of CityUHK was awarded the prestigious Gold Award at the Hong Kong Green Innovations Award (HKGIA) as part of the 2022 Hong Kong Awards for Environmental Excellence (HKAEE).



Research Project of the Year: STEM at Times Higher Education (THE) Awards Asia 2024

The project was led by Professor Steven Wang, Associate Vice-President (Resources Planning) and Associate Professor, Department of Mechanical Engineering and School of Energy and Environment, and Professor Li Wen Jung, Vice-President (Talent and International Strategy) and Chair Professor, Department of Mechanical Engineering and Department of Systems Engineering.



9. Recognitions and Awards

Hong Kong Awards for Environmental Excellence – Public and Community Services (Bronze Award)



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



9. Recognitions and Awards

Hong Kong Green Organisation
Certification – Energywi\$e
Certificate- Excellent Level



Hong Kong Green Organisation
Certification – Wastewi\$e
Certificate- Excellent Level



Umbrella Bags Reduction
Accreditation Program 2023 –
Diamond Level



9. Recognitions and Awards

Hong Kong Awards for Environmental Excellence (HKAEE) – Recognised as Hong Kong Green Organisation



Hong Kong Green Day 2024

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



10. Looking Ahead

The University is facing challenges in reducing GHG emissions due to the increase in energy and water consumption in 2023-2024. CityUHK will vigorously pursue energy reduction strategies by expanding renewable energy opportunities and reducing campus-related GHG emissions, which is commensurate with the Hong Kong government's plan to become carbon neutral by 2050. In the campus communal areas, replacement of traditional fluorescent tubes with LED types continues, together with non-essential lighting switched off during campus closing hours. In addition, the University will install nearly 2,000 high-efficiency bifacial solar panels across campus.

At the societal level, the University will actively support the Government's initiatives in waste reduction, particularly in municipal solid waste reduction. We will also continue to collaborate with green organisations to organize more activities to promote sustainability.

At the collegiate level, the University will continue to collaborate with our member universities to promote sustainable living. We will work closely with HKSCC working groups on sustainability performance, education, and promotional campaigns. The coming year's focus will continue to promote the United Nations Sustainable Development Goal #12: Responsible Consumption and Production.

At the campus level, the University will continue to adopt the 5R's concept in waste management, especially in municipal solid waste reduction and increasing waste recycling on campus. In the coming year, we look forward to continuing to work with departments, students, staff, faculty, peer institutions, and our surrounding community to collectively progress the University's commitment to social and environmental responsibility.

Appendix

Building abbreviation

AEB	Academic Exchange Building
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

Innovating into the Future

End of Report

