



香港城市大學
City University of Hong Kong

Sustainability Events and Awards 2019-2020



專業 創新 胸懷全球
Professional • Creative
For The World

Facilities Management Office

Energy Saving

Energy Saving Charter

Earlier in May 2019, the University signed up for the “Energy-Saving Charter 2019” co-launched by the Environment Bureau (ENB) and Electrical and Mechanical Services Department (EMSD). By signing the Charter, the University was committed to maintain an average indoor temperature between 24-26°C during the summer months between June to September in 2019. FMO issued energy saving tips for control of indoor temperature to the University community that included:

- Keep all the windows and doors closed when an air-conditioner is running.
- Keep doors closed between air-conditioned and non-air-conditioned areas such as those connecting outside buildings, lift lobbies, toilets and stores so as to minimise air infiltration for the optimization of air-conditioning.
- Keep doors of fridges closed.
- Avoid setting the thermostat at a colder setting than normal when turning on an air-conditioner. It would not cool the room any faster but could result in excessive power consumption.
- Turn on the ceiling fans if installed in classrooms as fans cool people by creating a wind chill effect; turn them off when you leave the room.



Charter on External Lighting

CityU signed the Charter on External Lighting and received the Platinum Award 2019. 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).

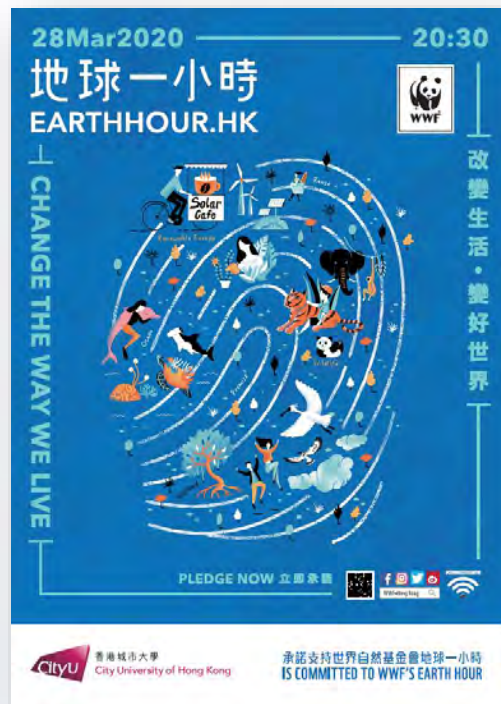


Energy Saving

Hong Kong No Air Con Night 2019

Hong Kong No Air Con Night 2019 was organised by Green Sense. It was held on 5 October 2019 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.

CityU actively supported the event by raising the indoor temperature in some communal areas on CityU campus (lecture theatres, Library, Hu Fa Kuang Sports Centre, canteens, Wei Hing Theatre and public areas) to 25°C to lower power consumption.



WWF Earth Hour 2020

CityU has always supported the WWF Earth Hour campaign held and so as this reporting period. On 28 March 2020, 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.



Energy Saving

Hong Kong Green Organisation Certification - Energywi\$e Certificate



Waste Reduction

2019 - Hong Kong Green Organisation Certification – Wastewi\$e Certificate




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



Waste Reduction

IoT Reverse Vending Machines (RVMs)




Facilities Management Office
香港城市大學
City University of Hong Kong

Recycling Drink Cartons 紙包飲品盒回收


**Added feature of RVM
智能回收機新增功能**
Drink cartons can now be recycled!
紙包飲品盒也可以回收囉!

1



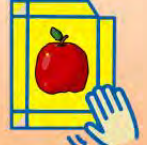
Remove the straw and plastic wrap from the carton
移除紙包飲品盒的飲管和膠套

2




Cut and wash the carton
把紙包飲品盒剪開及沖洗

3




Flatten the carton
把紙包飲品盒壓扁

4




開始
Select "Start" at Reverse Vending Machine (RVM)
在智能回收機上按「開始」

5



Scan the product barcode, and insert it to RVM
掃描紙包飲品盒上的條碼然後投入智能回收機

6



Scan the member QR code after completing the recycle process
完成投入紙包飲品盒後掃描會員二維碼獲取印花

Locations of Plastic Bottle & Carton RVM
Outside City Express, 5/F, BOC
Common area near Security Room (G507), G/F, LI

膠樽及紙包飲品盒智能回收機位置
中國銀行（香港）綜合樓五樓城大食坊外
李達三葉羅珍學術樓 G507保安控制室附近

Further to the launch of the two RVMs for recycling PET bottles on campus in the end of 2018, FMO announced a new feature of the two RVMs on campus – Drink cartons can be recycled! The locations of the two RVMs are:

- Outside City Express, 5/F, Bank of China (Hong Kong) Complex;
- Common area near Security Room, G/F, LI.

To encourage users for recycling, virtual coins will be awarded for each transaction and they can be used for discounts, donations, etc. Special offers had been made to CityU members, which included:

- Get a free drink from Vitasoy at the Smart Vending Machine; or
- Give a donation of HK\$7.5 via Vitasoy to St James' Settlement

3,411 pieces of PET bottles and 252 pieces of drink cartons (collection started in May 2020) have been collected for recycling.

Waste Reduction

Books Give and Take

The “Books Give and Take 書香世代 - 延續生命、世代相傳” campaign received overwhelming positive responses since its first launch in 2017-2018, and to ride on the success from previous years, this campaign continued in 2019. Unfortunately with the impact of COVID-19, the event was postponed to be held in Semester A of 2020-2021 Academic Year. Details will be presented in the 2020-2021 Environmental Report.

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.



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

Waste Reduction

Lai See Packets Recycling

CityU continued to support the “Lai See Reuse and Recycle Program 2020” organized by Greeners Action to collect used Lai See packets from CMC, LAU, LI, YEUNG, Student Residence, TCY, NSY and AEB during the period from 5 to 19 February 2020. 35 kg of Lai See packets were collected for reuse.

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. The collected mooncakes were distributed to those in need on the day of Mid-autumn Festival.



Green Living @ CityU 2019

Further to the success of “Green Living @ CityU 2018”, “Green Living @ CityU 2019” was organised and carried out starting from September 2019 to December 2019, which aimed to foster sustainability awareness of staff and students in CityU and to promote living style in a sustainable way.

The theme of the event was “Innovation in Carbon Reduction”. It was organised by the Sustainability Committee of the University and Facilities Management Office and co-organised by multi-disciplines of the University including academic departments, administrative units and the Environmental Protection Society of the Students Union. External green organisations including Green Monday and AuLaw Organic Farm also supported the event. A total of 15 activities under 7 areas were held. They included:

- Kick-off Ceremony
- Campaigns (Printing Quota Exchange Campaign)
- Workshops (Recycle paper workshop, Chia seeds pudding and DIY Eco Enzyme)
- Activities (Smoothie ride, Organic food tasting and GROW)
- Shows (Campus Sustainability Tour Video 2019 and Plastic band show)
- Talks (Solar car sharing and Get Healthy with a Plant-based Diet)
- Exhibitions (Previous sustainability achievements and GCSO funded projects)



Green Living @ CityU 2019

Kick-off Ceremony:

Conducted on 20 September 2019. VP(AD), Mr Sunny Lee and Prof Li Wen Jung, Associate Provost (II) and the Chairman of Sustainability Committee were the officiating guests of the Ceremony.

Shows:

- Campus Sustainability Tour Video 2019 - A video tour to campus sustainability
- Plastic band show - A performance using innovative upcycled and acoustic instruments.



Green Living @ CityU 2019

Solar car sharing:

An introduction on the solar car developed by our School of Energy and Environment for the Sasol Solar Challenge in South Africa.



Green Living @ CityU 2019

Exhibitions:

- Achievements in Sustainability
- Global Consortium for Sustainability Outcomes (GCSO) funded projects



Green Living @ CityU 2019

Smoothie ride:

Make a smoothie on a joy ride

Organic food tasting:

Taste of organic food

GROW:

Organic farming on rooftop of LI



Green Living @ CityU 2019

Recycle paper workshop:

Make paper with recycled materials

Chia seeds pudding:

Make pudding with chia seeds which contain various essential nutrients

DIY Eco Enzyme:

Make detergent using organic materials like fruit peels and sugar



Green Living @ CityU 2019

Printing Quota Exchange Campaign:

The Campaign aimed to encourage students to reduce paper consumption. All full-time / combined mode students of CityU were eligible in the printing quota to be exchanged for prizes. In addition to the 64GB USB, T-Park visit was also very attractive to our students. There were over 580 students participated in the campaign and CityU successfully reduced 435,900 printing quotas which was equivalent to saving 37 trees.



Printing Quota Exchange Campaign

64GB USB (x300) → T-PARK (x300) → Giving for Green (x200) → Oatly Oat Drink (x300) → USB (x300)

Application:
Application period: 2 Sept 2019 - 31 Oct 2019
For online application, please scan the QR code.

Prize redemption:
• Present the confirmation notice & Student ID card to CSC counter for USB and Oat Drink in person.
• Redemption period: 2 Oct 2019 - 30 Nov 2019

First Come First Served!

Organizers:
Sustainability Committee
Facilities Management Office
Computing Services Centre

Co-organizers:
Student Development Services
Environmental Protection Society

CityU
City University of Hong Kong



Green Living @ CityU 2019

Green Living @ CityU 2019
綠色生活@城大2019

Get Healthy with a Plant-based Diet
識揀識食健康素食講座

營養學家張德儀小姐將會與大家拆解素食方面的迷思及分享如何維持均衡的植物性飲食。

Nutritionist Ms. Tiffany Cheung will share how to plan a balanced plant-based diet and debunk some common myths about vegetarianism.

MAKE CHANGE HAPPEN
MAKE GREEN COMM

特別驚喜! 參加者有機會親嚙在校園天台(LI)自家種植的有機西瓜。

Surprise Treat! Enroll and you will have a chance to taste the water melon home-grown at rooftop of LI.

Date: 15 October 2019 (Tue)
Time: 12:30 - 13:30
Venue: CY Sun Lecture Theatre (LT3), Floor 4, YEUNG
Speaker: Ms. Tiffany Cheung, Nutritionist, Green Monday
Language: Cantonese 廣東話

SEATS ARE LIMITED. REGISTER NOW.

For enquiry, please call FMO Help Desk at 3442 8833.

FREE ADMISSIONS!

For Registration

Organizers:
Sustainability Committee
Facilities Management Office

Co-organizers:
Student Development Services
Computing Services Centre
Environmental Protection Society

Supporting Organizations:
School of Energy and Environment
Department of Asian and International Studies
Green Roofs Over Walls (GROW)
Green Monday / The D. H. Chen Foundation
AuLaw Organic Farm

Talk: Get Healthy with a Plant-based Diet

The talk was delivered by Ms Tiffany Cheung Nutritionist from Green Monday (The D. H. Chen Foundation). The talk shared how to plan a balanced plant-based diet and debunk some common myths about vegetarianism. Participants also got a chance to taste the water melon home-grown at rooftop of LI.



Joint-U Campaign 2020 – UNify: Sustainable Living #StayAtHome Edition

Following the success of the Joint-U campaigns in previous years, the eight member universities of Hong Kong Sustainability Consortium for Campus (HKSCC) decided to continue this meaningful collective campaign to once again actualise the beauty and power of synergy.

In light of the escalating COVID-19 pandemic around the world, most of us had been staying at home for study and work to prevent virus transmission. HKSCC presented our annual Joint University Campaign titled, “UNify: Sustainable Living #StayAtHome Edition” online to promote healthy and sustainable living during this challenging period.

Every week in April 2020, we shared tips on four themes as shown below:

- 1) Wellness (3 tips to keep your mind and body healthy);
- 2) Energy Saving (3 tips to make your home more energy efficient);
- 3) Low-carbon Diet (3 tips to adopt a low carbon healthy diet); and
- 4) Zero-waste (3 tips to be green at home).



ECO-Antipandemic Achievements

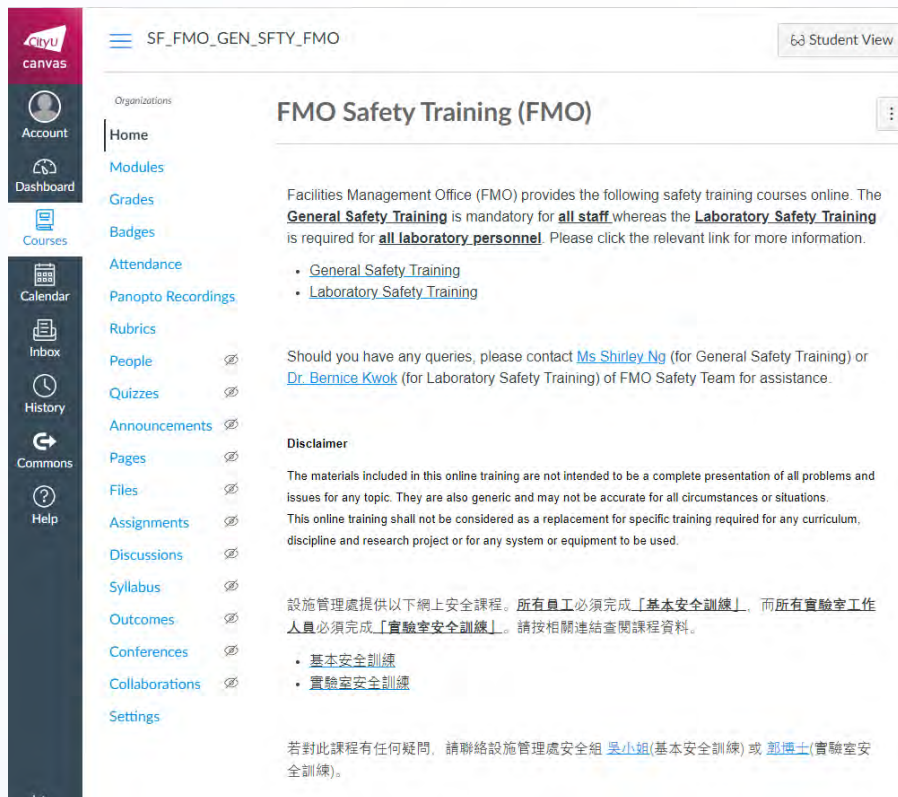
In light of the escalating COVID-19 pandemic around the world, most of us are staying at home for study and work to prevent the transmission of the disease. HKSCC presented our yearly Joint University Campaign, “UNify: Sustainable Living #StayAtHome Edition” online to promote healthy and sustainable living in this difficult time.

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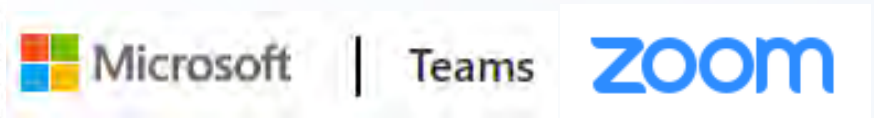


ECO-Antipandemic Achievements

The first University organising online teaching so that minimised use of resources, waste generation on campus and minimised overseas and local travelling and hence significantly reduced carbon foot print. In the meantime, our meetings and events were also organized online which also helped reduce carbon foot print.



The screenshot shows a Canvas LMS interface for a course titled 'SF_FMO_GEN_SFTY_FMO'. The left sidebar contains navigation links: Account, Dashboard, Courses, Calendar, Inbox, History, Commons, Help. The main content area is titled 'FMO Safety Training (FMO)' and includes a '63 Student View' button. The page content is in English and Chinese, detailing safety training requirements for all staff and laboratory personnel. It lists links for 'General Safety Training' and 'Laboratory Safety Training'. A disclaimer states that the materials are not intended to be a complete presentation of all problems and issues for any topic. The Chinese text mentions that all staff must complete 'Basic Safety Training' and all laboratory staff must complete 'Laboratory Safety Training'. Contact information for Ms. Shirley Ng and Dr. Bernice Kwok is provided for queries.



Online teaching
Online meeting
Online training
Online staff party
Online survey, sharing
Work From Home

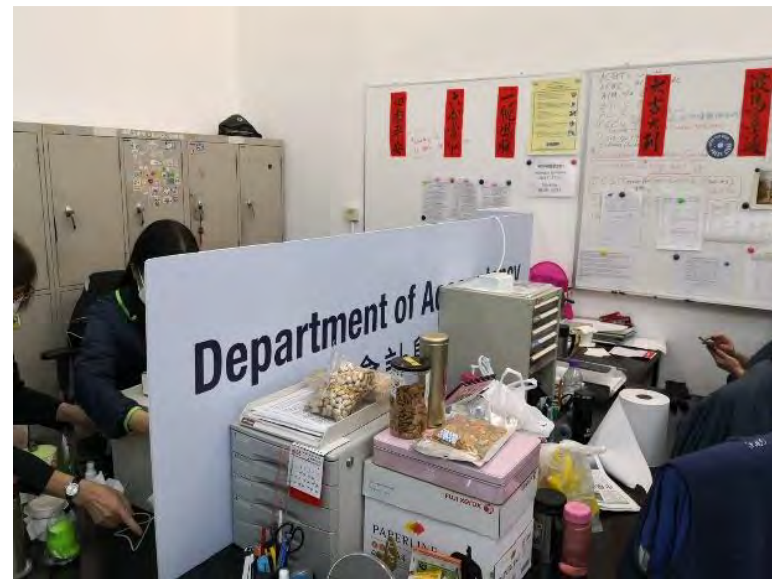
ECO-Antipandemic Achievements

Instead of affixing stickers, which could be easily worn out, we produced hundreds of signs for reminding “Social distancing” to our users. These signs were laminated with durable surface so that they can be reused in classrooms and lecture theatres.



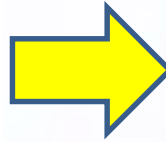
ECO-Antipandemic Achievements

Reuse of foam boards after events to set up “partitions” between colleagues at workplaces so that to create barriers and maintain social distancing among colleagues.



ECO-Antipandemic Achievements

- Reuse of banner after events for Triage Station of clinic as a shelter for rainy days.
- Out door clinic to reduce energy consumption and reduce risk of cross-contamination

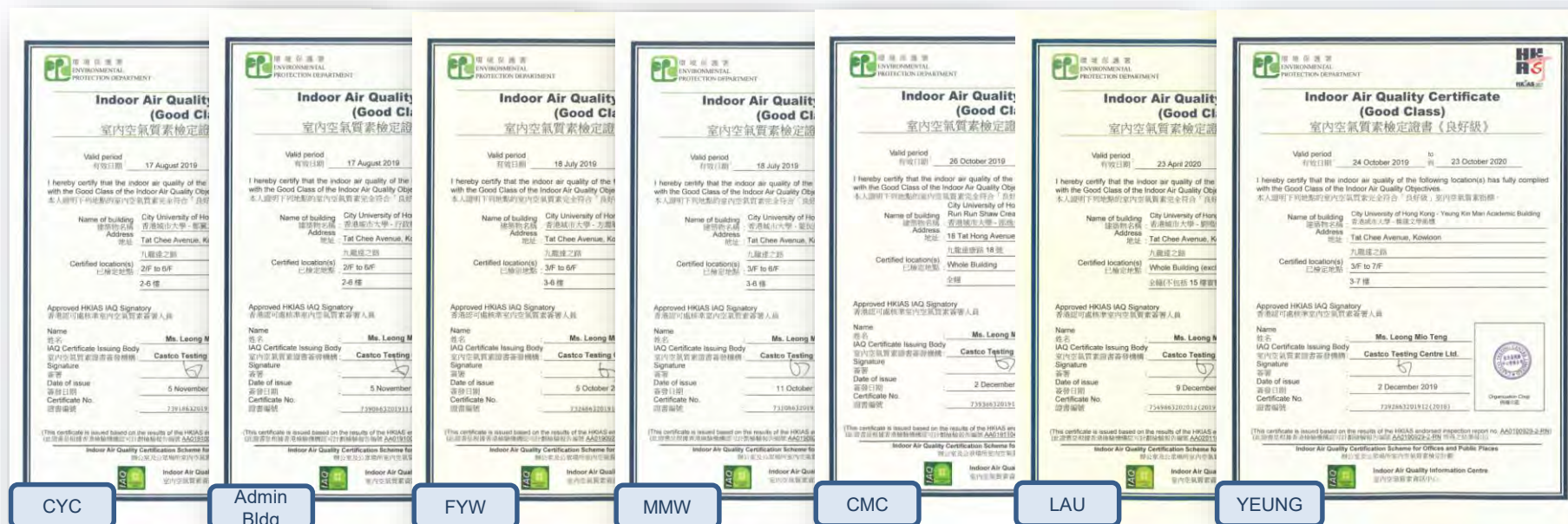


Triage Station of clinic

Other Achievements

Indoor Air Quality (IAQ)

Further to the “Good Class” IAQ certificates obtained for seven buildings in 2018-2019, the University continued to appoint a consultant to do IAQ measurements for Li Dak Sum Yip Yio Chin Academic Building (LI) with the aim to obtain a certification under the new IAQ certification scheme 2019. For the seven buildings that have already obtained the “Good Class” certification, a consultant was also appointed to do IAQ measurement to continue the certificates. The seven buildings are: Cheng Yick-chi Building (CYC), Administration Building (Admin Bldg), Fong Yun-wah Building (FYW), Mong Man-wai Building (MMW), Run Run Shaw Creative Media Centre (CMC), Yeung Kin Man Academic Building (YEUNG), Lau Ming Wai Academic Building (LAU).



Other Achievements

Indoor Air Quality (IAQ)

***Buildings acquired
the Good Class
Indoor Air Quality Certificates***



室內空氣質素
檢定計劃
Indoor Air Quality
Certification Scheme
2020/21
良好級
Good Class
環境保護署
Environmental Protection Department

YEUNG
(Floor 3-7)

LAU
(excl. lab area)

CMC

CYC
(Floor 2-6)

Admin Bldg
(Floor 2-6)

FYW
(Floor 3-6)

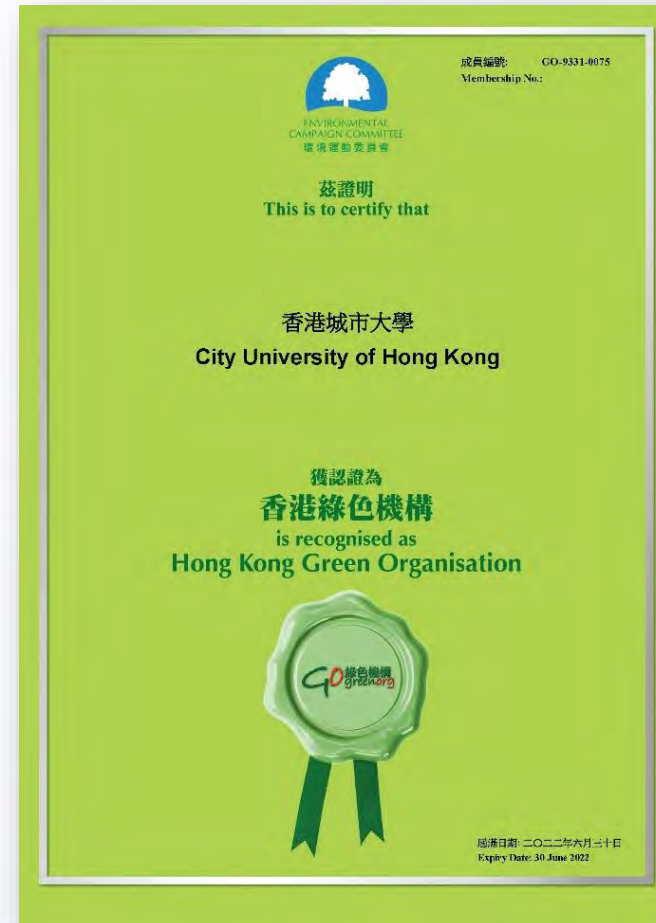
MMW
(Floor 3-6)

Other Achievements

Hong Kong Awards for Environmental Excellence 2019 (HKAEE) – Certificate of Merit



Hong Kong Green Organisation



Other Achievements

Hong Kong Smoke Free Leading Company Awards 2019 and Hong Kong Green Day 2020

As supporting organisation of Hong Kong Green Day that organised by Green Council and Hong Kong Smoke Free Leading Company Awards that organised by Hong Kong Council on Smoking and Health.

