

# 2018 Green Report The Harbourview



The  
Harbourview



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# 1. Introduction

## 1.1 About This Report

The Harbourview cares about the environment and places priority on environmental protection in our daily operation. With the growing pressure on the demand for natural resources and accelerating global warming, we aim to provide quality services to our guests in an eco-friendly manner. To review our environmental practices and make continuous enhancements of our environmental performance, The Harbourview started to publish a green report annually in 2015. This green report illustrates the environmental performance of The Harbourview for the year 2018.



### Content of Previous Green Report



For more details regarding our eco-hospitality management, please visit our website <https://theharbourview.com.hk/en/eco-hospitality>

### Feedback on our Environmental Performance

Talk to us

Name

Email

Booking Number / Check-in Date

Message


I would like to receive further information regarding products and services offered at the Harbourview.



Your comments are important for us to continuously improve our environmental performance. If you have any feedback, please feel free to send us a message via the "[Talk to us](#)" platform on our website.

## 1.2 Message From the General Manager

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Welcome to the Green Report 2018 of The Harbourview ! The annual report outlines our environmental measures and achievements throughout 2018.

The Harbourview cares about the environment and is an eco-friendly hospitality service provider. We operate in a manner that protects the state of the environment and helps combat climate change. By fulfilling our commitment to environmental sustainability, we embed environmental concepts into our management and daily operation, including, enhancing energy efficiency, optimising resources utilisation and minimising waste generation.

To continuously improve the effectiveness of our environmental management, we have closely collaborated with The Education University of Hong Kong (EdUHK) since 2015 and adopted academic environmental management. Three professors from EdUHK act as consultants and provide professional advice to us. Moreover, at academic level, The Harbourview is a "living laboratory" for research and acts as a venue for teaching and learning activities for environment-related undergraduate students.

Enhancing the staff's environmental awareness is one of the core values of The Harbourview's environmental policy. We firmly believe that environmental awareness of different stakeholders plays a crucial role in protecting the environment and message delivery is one of the effective ways to enhance the environmental awareness of stakeholders. Therefore, we carry out self-initiated programmes to actively disseminate environmental messages to our staff, guests and the general public in order to enhance their environmental awareness.


## 1.2 Message From the General Manager



According to the "Energy Saving Plan For Hong Kong's Built Environment 2015-2025+" [1] and "4Ts Charter" [2], The Harbourview has set 5% energy and water-saving targets for 2016-2020 (Base year : 2015). With the concerted efforts of different stakeholders, we have made good progress in regard to the preset targets, reaching 9.66% and 14.56 % reduction of energy and water consumption respectively (2015 vs 2018). In 2018, we achieved a 4.29% reduction of electricity consumption in comparison to 2017 and one of the major reasons was due to the installation of an oil-free chiller.

In 2018, after receiving the Merit Award under "Hong Kong Awards for Environmental Excellence (HKAEE)" organised by the Environmental Campaign Committee, the Environmental Protection Department and nine organisations were a great encouragement to us. This award recognizes our efforts in implementing green practices, particularly in "green leadership", "programme and performance", and "partner synergy" and serves as a motivation for us to strengthen our green implementations.

We will continue to uphold the mission of caring for the environment, make enhancements of our environmental performance and fulfil our environmental and social responsibilities to build a sustainable future together.



**Harrison Leung**  
*General Manager*



## 1.3 About The Harbourview

The Harbourview, affiliated to the Chinese Young Men's Christian Association of Hong Kong (CYMCA), provides accommodation and dining services to travellers from around the world. We have a long-standing commitment to caring for the environment and serving our guests with quality services in an eco-friendly manner. With a vision to being an eco-friendly hospitality service provider, The Harbourview has maintained a collaborative partnership with The Education University of Hong Kong (EdUHK) since 2015 to continuously improve our effectiveness in regard to environmental management.



## 1.4 Green Management Strategy and System

In collaboration with EdUHK, The Harbourview has developed and refined 6 green policies. These policies serve as principal guidelines for implementing our environmental measures. In March 2015, an "Internal Environmental Friendly Committee (IEFC)" was formed under the supervision of our General Manager, to be in charge of the regular establishment of short-term environmental goals and implementation plans for proposed environmental measures, evaluation and consultation on current environmental management strategies, and future planning of advanced environmental policies. To monitor the effectiveness of our current environmental practices, an "Internal Environmental Audit Team" was also established in September 2015.

### 6 Green Policies

1. Comply with relevant environmental legislation and take a proactive approach to future requirements and obligations.

2. Seek to minimise wastage and maximise the efficient use of materials and resources.

3. Develop and manage processes to ensure that environmental factors are considered during each stage of planning and implementation.

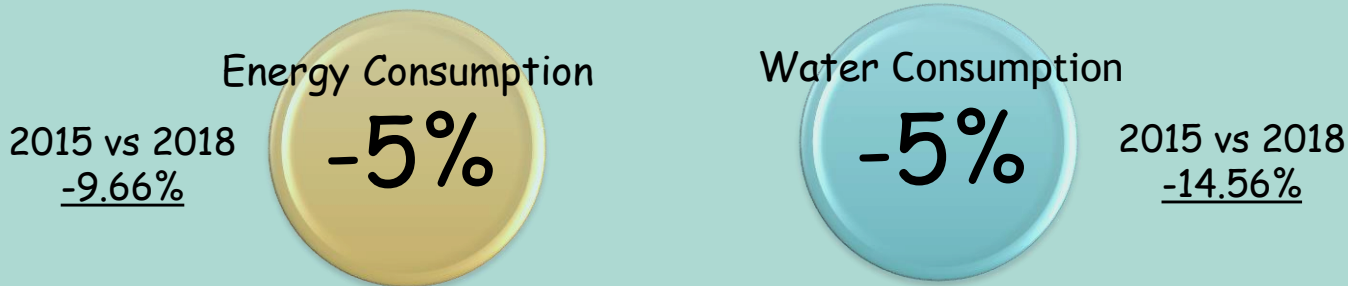
4. Work with suppliers who have compatible policies for managing their impact on the environment.

5. Regularly conduct reviews to ensure that operations remain compliant with the policy, and set or revise targets to ensure continual improvement.

6. Carry out regular internal programmes of education and training to enhance environmental awareness among staff members.

## 1.5 Goals and Plans

According to the "Energy Saving Plan For Hong Kong's Built Environment 2015-2025+" [1] and "4Ts Charter" [2], The Harbourview has set 5% energy and water reduction targets for within 5 years (2016-2020) from the 2015 base year.



In the coming years, we are going to implement various green measures regarding the following five key environmental goals.

- 1 Enhance the environmental awareness among staff and guests
- 2 Reduce the energy consumption of utilities
- 3 Reduce waste production and carry out waste recycling
- 4 Reduce greenhouse gas emissions
- 5 Minimise pollution

Currently, we have formulated five new environmental measures to improve our environmental performance:

1. Gradual replacement of traditional AC motor fan coil units with DC motor fan coil units
2. Coating of our rooftop floor with heat insulation paint
3. Set up an i-Panel at the lobby for active dissemination of environmental information to guests
4. Holding a "Recycled Planter DIY Competition" for staff
5. Application for "Green Organisation Certification"

## ***2. Environmental Performance***

The Harbourview understands the importance of monitoring our environmental performance; hence, we evaluate our environmental performance according to four different dimensions, namely Energy Consumption, Water Consumption, Waste Management and Greenhouse Gas (GHG) Emissions so as to make continual improvements.

### **4 Dimensions**

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***Energy  
Consumption***

***Water  
Consumption***

***Waste  
Management***

***GHG  
Emissions***



## 2.1 ENERGY CONSUMPTION

As humans mine and burn fossil fuels, huge amounts of pollutants and greenhouse gases are released into the atmosphere and put excessive pressure on our environment. With the increasing global energy demand, The Harbourview puts great effort into reducing energy consumption and adopting renewable energy in order to protect our environment. Electricity and gas are the major types of energy we consume.

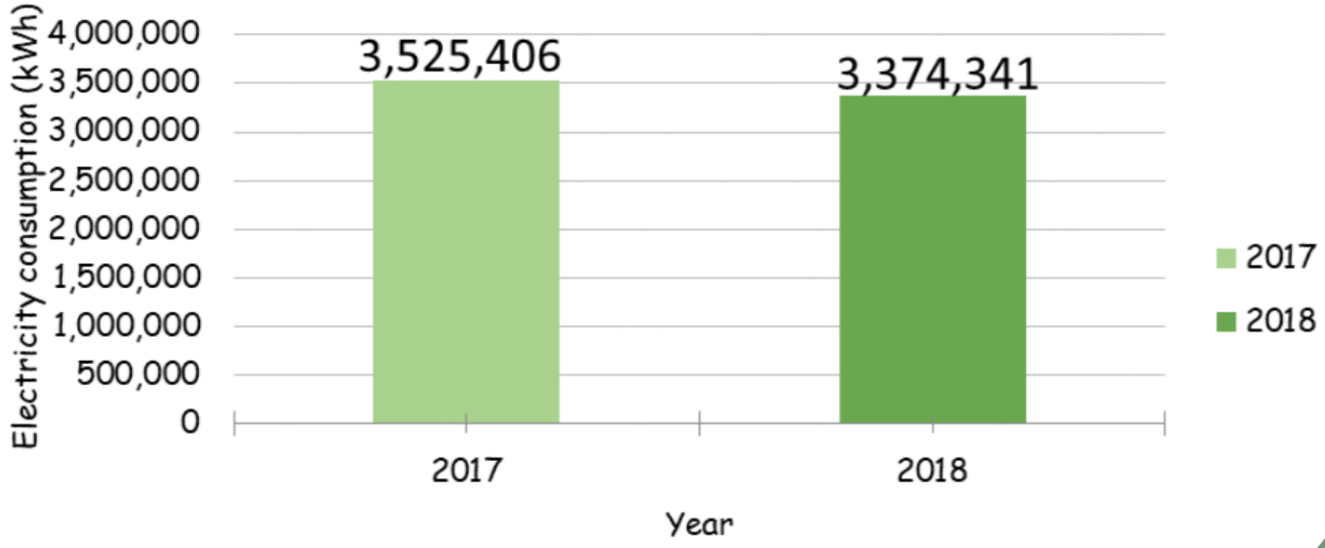
### 2.1.1 Electricity

#### Overview of Electricity Consumption



Our annual total electricity consumption in 2018 was 3,374,341 kWh, while that of 2017 was 3,525,406 kWh. Our electricity consumption in 2018 decreased by 151,065 kWh, i.e. 4.29% when compared to 2017.

**- 4.29%**  
Annual electricity consumption decrease


### Annual Electricity Consumption



## Data Analysis

-  Heating, ventilation, and air-conditioning (HVAC) system is important for controlling indoor moisture and mould growth. Hence, The Harbourview uses an HVAC system for indoor moisture control and the prevention of building decay.
-  We have been using a set of multi-function heat pump chiller for waste heat recovery since August 2016, whereby the heat released from air-conditioning is used to preheat bath water in order to reduce gas consumption for the boiling of water. But this has further increased our use of electricity.

## However

-  HVAC and Hot Water Systems are the major sources of electricity consumption (above 50%). To reduce its electricity consumption, The Harbourview has installed a 150 tons oil-free chiller in 2018 and this was one of the major reasons for a decrease of annual electricity consumption when compared to 2017. (\*For more information, please refer to the next page.)



Oil-free Chiller

## Electricity-saving Measures at The Harbourview

**Starting from 2014, The Harbourview has carried out various electricity-saving measures in order to minimise electricity consumption.**



### 1. Solar Energy

In March 2014, The Harbourview installed a solar panel on the rooftop so that we could power our rooftop lighting using solar energy.



### 2. Roof Garden

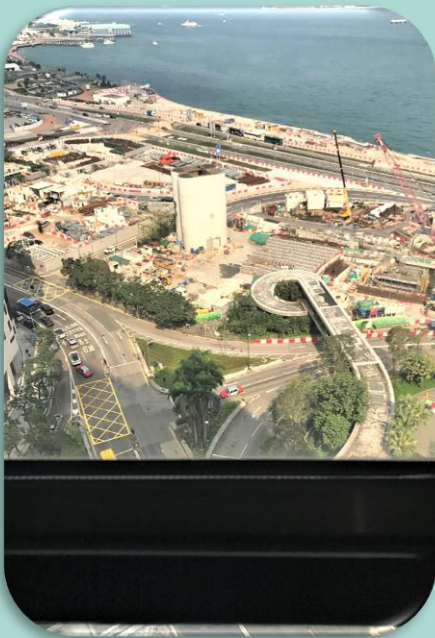
To reduce the amount of electricity used for air-conditioning, The Harbourview has developed a roof garden to reduce heat absorption in building material and it serves as a tool for regulating temperature.



## Electricity-saving Measures at The Harbourview

### 3. LED Lights

We completed the replacement of the Compact Fluorescent Lamps to LED lights on guest floors. The replacement has saved over 30% of electricity usage for lighting on guest floors.



### 4. Double Glazing

The Harbourview has replaced the windows in guestrooms on "The Optimum Floor" (18-21/F) with double glazing in order to reduce electricity consumption by air-conditioning and heating. The space between the two panes of glass can help to prevent the heat from affecting the room (in summer) and reduce the heat loss from the room to the surroundings (in winter). This can help to save energy and provide a quieter environment for our guests.

### 5. DC Motor Fan Coil Units (EC Fan)

We are gradually replacing the traditional AC motor fan coil units with DC motor fan coil units (EC fan) which can help to reduce electricity consumption by 30% compared with traditional models.

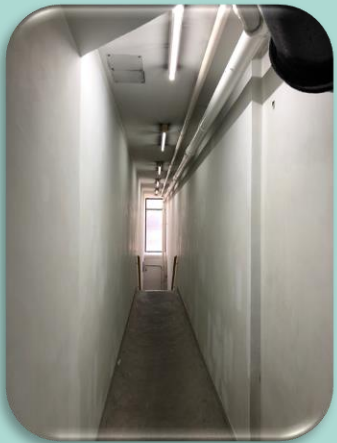




## Electricity-saving Measures at The Harbourview

### 6. Motion Sensor Light Tubes

Traditional light tubes were replaced with motion sensor LED light tubes in access ways that are rarely accessed to reduce unnecessary power consumption.



### 7. F&B New Practice for Juice Machines

New juice machines were installed to reduce the electricity used during operation.

### 8. Energy-saving Dishwashers

We have installed energy-saving dishwashers which could help to save 36% of electricity usage compared with traditional models.



## Electricity-saving Measures at The Harbourview



### 9. Oil-free Chiller

We have installed a 150 tons oil-free chiller in June 2018. It adopts the latest technologies in regard to centrifugal compressors with magnetic levitation bearings as well as built-in computerised control which can control compressors at variable speeds depending on various cooling demands. It offers unbeatable efficiency at part load. In tandem with the other three chillers, the oil-free chiller keeps its loading between 40% and 60% and helps to reduce energy consumption.

### 10. Waste Banners

The waste banners act as shading cloth and block exhaled heat from being inhaled by the condenser directly which can enhance the efficiency of the chillers and achieve energy-saving (~ 1 - 3% reduction of electricity usage for air cooling).



### 11. Green Procurement

We have set up and adopted Green Procurement, e.g. purchase of energy-efficient products (Grade 1 Energy Label).

#### Policy

1. To minimise wastage and maximize the efficient use of materials and resources
2. To minimise the negative impacts to the environment
3. To ensure that all departments have incorporated green specifications during procurement



According to the Green Procurement issued by the Environmental Protection Department [3]



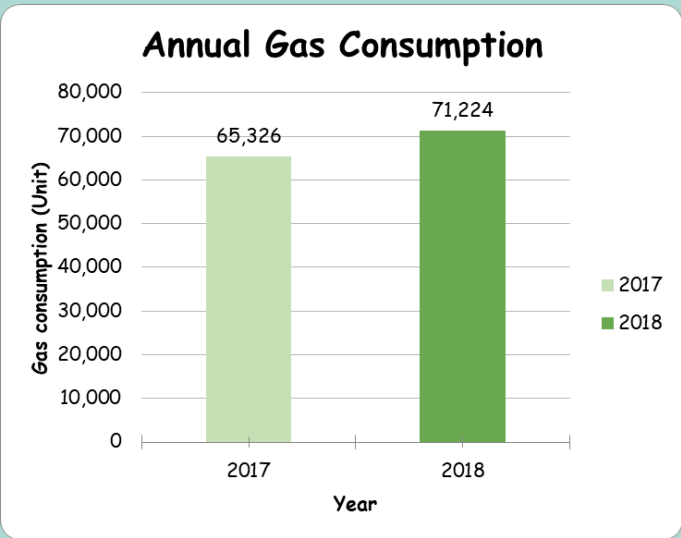
## 2.1.2 Gas

### Overview of Gas Consumption

# +9.03%

## Total Gas Consumption Increase

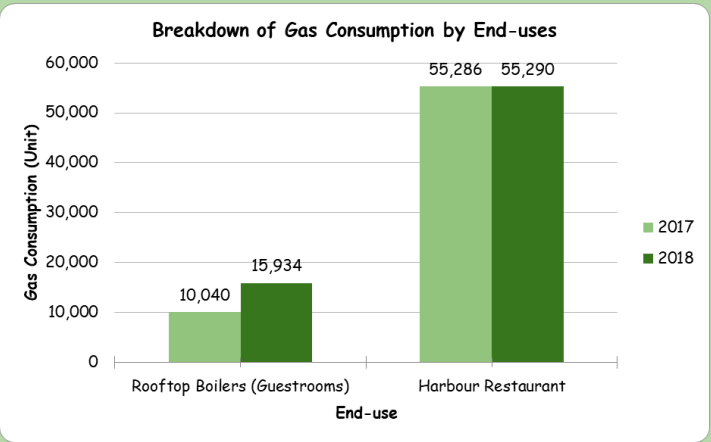
Our total gas consumption in 2018 was 71,224 units, while that in 2017 was 65,326 units. In comparison to 2017, the gas consumption in 2018 increased by 9.03% (5,898 units).



### Breakdown of Gas Consumption by End-uses

Referring to the table on the right, the gas consumption of rooftop boilers and Harbour Restaurant increased by 58.71% and 0.01% respectively in comparison to 2017.

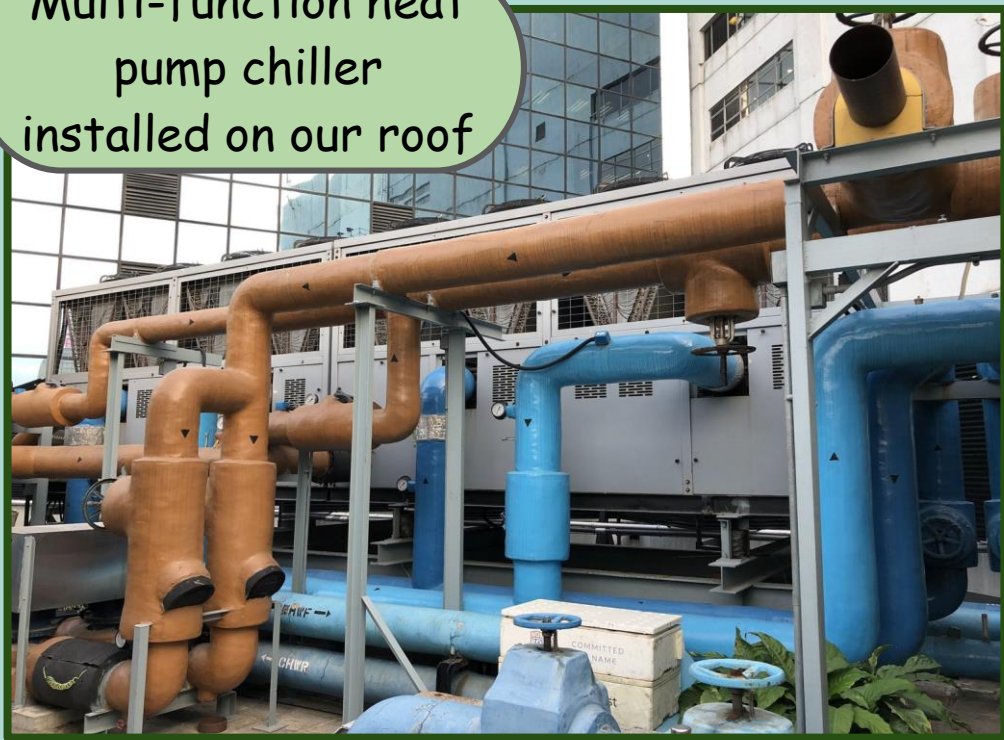
Gas Consumption (Unit)	2017	2018	Variance
Rooftop Boilers (Guestrooms)	10,040	15,934	+58.71%
Harbour Restaurant	55,286	55,290	+0.01%
Total Consumption	65,326	71,224	+9.03%



To figure out the reasons for this higher gas consumption in 2018, The Harbourview conducted analysis of our 2018 gas consumption pattern. The result shows that the increase in gas consumption was mainly due to higher demand for the boiling of water in winter. According to the information provided by the Hong Kong Observatory [4], the Cold Weather Warning\* duration in 2018 (582.83 hrs) was 274 hours more than in 2017(308.83 hrs) which caused more guests to take longer hot baths. In addition, due to the soaring cold weather, more gas was used to preheat the water and keep warm (due to heat loss to the surroundings). \*Cold Weather Warning issued: Take 12 °C as a reference index; consider the relative humidity and wind speed as well.

## Gas-saving Measures at The Harbourview

Multi-function heat pump chiller installed on our roof



Heat-recovery dishwasher in the kitchen of Harbour Restaurant

To reduce gas consumption, The Harbourview has operated a heat-recovery system since 2016. We have installed a set of 120 tons multi-function heat pump chiller on the roof and a heat-recovery dishwasher in the kitchen of the Harbour Restaurant in order to collect waste heat from operation processes which can be recycled for the boiling of water. This equipment is environmentally beneficial as it has helped to lessen our gas consumption and the amount of greenhouse gases emitted into the atmosphere has been reduced.

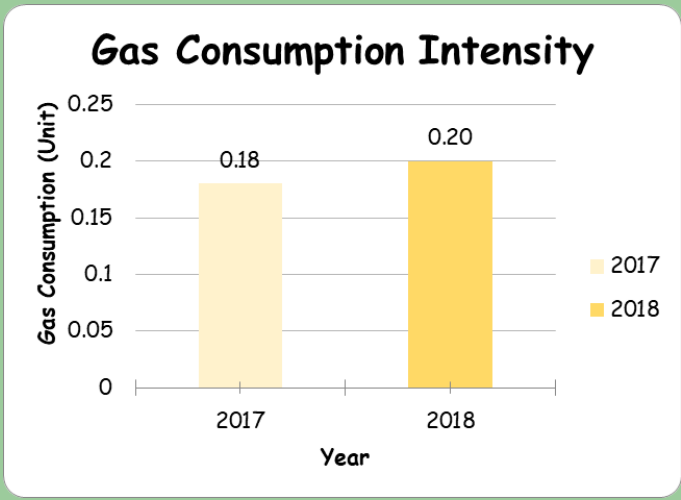
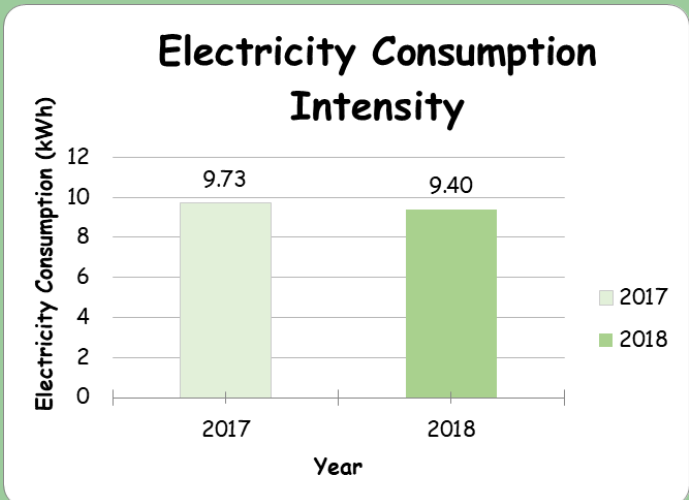
## 2.1.3 Energy Intensity

### Energy Intensity of Electricity and Gas

#### Highlights of 2018

**-3.42%**  
The energy intensity of electricity (kWh) decreased by 3.42% compared with 2017.

**+10.01%**  
The energy intensity of gas (Unit) increased by 10.01% compared with 2017.



#### Data Analysis

With the operation of the oil-free chiller starting in 2018, the electricity consumption per person decreased from 9.73 kWh in 2017 to 9.40 kWh in 2018. On the other hand, the gas consumption per person increased from 0.18 unit in 2017 to 0.20 unit in 2018 which was due to the long cold weather in 2018 compared to 2017 and more hot water was used by the guests for showering.

## Total Energy Intensity

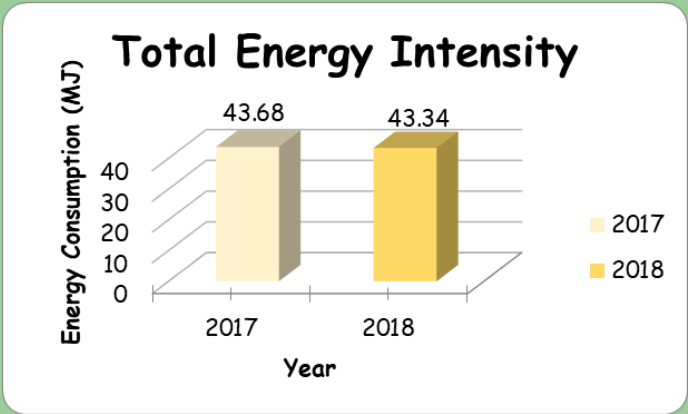
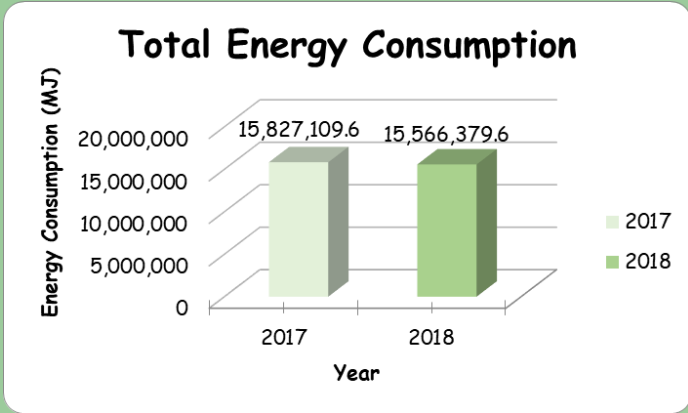
### Breakdown of Energy Consumption (MJ)

Energy	2017	2018
Electricity	12,691,461.6	12,147,627.6
Gas	3,135,648	3,418,752
Total	15,827,109.6	15,566,379.6

### Highlights of 2018

**-1.65%**  
 Total energy consumption in 2018 decreased by 1.65% compared with 2017.

**-0.76%**  
 Total energy intensity in 2018 decreased by 0.76% compared with 2017.



### Data Analysis

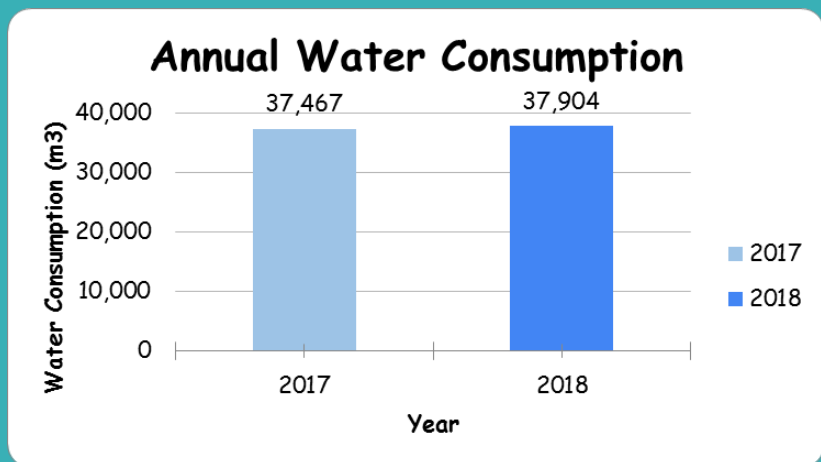
The total energy consumption in 2018 dropped by 1.65% compared with 2017. Moreover, we achieved a reduction in total energy intensity - the total energy intensity in 2018 decreased by 0.76% compared with 2017. The total energy intensity is calculated by adding up the consumption of electricity and gas, and then dividing the total by the total number of guests and staff. The statistic indicates that The Harbourview has put lot of effort into energy reduction.

## 2.2 WATER CONSUMPTION

The Harbourview understands that the hospitality industry often consumes a huge amount of water to meet hygiene standards. We are dedicated to integrating environmental sustainability approaches into our daily operation and fulfilling our environmental responsibility. To be a positive force for our environment, we have implemented various water conservation measures to keep our water consumption at a minimum level, particularly in kitchens, guestrooms and the roof garden.

### Overview of Water Consumption

Percentage change  
2017 vs 2018



Total water consumption  
**+1.17%**

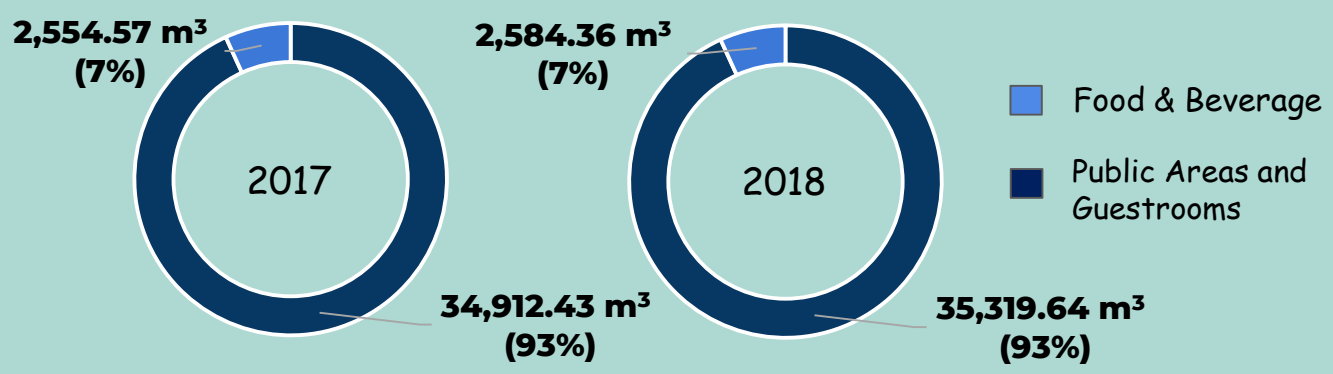
Water consumption  
Public Areas and  
Guestrooms  
**+1.17%**


Water consumption  
Food and Beverage  
**+1.17%**

Our total water consumption in 2018 was 37,904m<sup>3</sup> while that of 2017 was 37,467m<sup>3</sup>. The water consumption of 2018 increased slightly by 437m<sup>3</sup>, i.e. 1.17% when compared to 2017. The increase was due to the soaring Cold Weather Warning duration, so guests might take a longer bath and thereby result in the increase of water consumption.



## Breakdown of Water Consumption by End-uses



 The data show that the Public Areas and Guestrooms ranked as the major end-uses of water consumption, with around 93% of the total amount of water used in both 2017 and 2018, while Food & Beverage only consumed 7% of the annual total amount of water.

## Water Conservation Measures at The Harbourview

Starting from 2014, The Harbourview has carried out various water-saving measures in order to minimise water consumption.



**1. Rainwater Collection System**  
In March 2014, we established a rainwater collection system on the roof. Rainwater is collected, filtrated and then used for garden irrigation and floor cleaning.

**2. Water Flow Controllers**  
We have installed flow controllers on showers and water taps in guestrooms from the 6/F to 17/F which meet the Grade 1 Water Efficiency Rating to reduce water consumption.





## Water Conservation Measures at The Harbourview



### 3. Showers for Bathing and Water Taps with Water-saving Features

We have installed showers for bathing and water taps with water-saving features in guestrooms from the 18/F to 21/F.

### 4. Green Card

We have placed a green card to encourage our guests to reduce the frequency that they ask for replacement towels and bed linen.



### 6. Energy-saving Dishwashers

In January 2018, we installed energy-saving dishwashers which could help to save 67% of water consumption compared with traditional models.



### 5. Low-flow Water Taps

We have installed low-flow water taps in kitchens at the Harbour Restaurant and Mezz Floor which could help to reduce water consumption by one-third compared with normal water taps.



### 7. Sensor Faucets

We have installed sensor faucets in all staff restrooms to reduce water wastage.

## 2.3 WASTE MANAGEMENT

For the sake of our future generation, it is our responsibility to protect the natural environment. To lessen the environmental impacts generated from waste, waste management has become one of the significant tasks for us. Our principles of waste management focus on 3R: Reduce, Reuse, Recycle.

### Waste Recycling

The Harbourview actively participates in waste recycling. We have set up recycling schemes for newspaper, used paper, plastic bottles, aluminium cans, glass bottles, waste oil and printer toner cartridges. Newspapers are our major recycled waste and used paper comes in second.

**3,791 kg**  
**Newspapers**  
We recycled 3,791 kg of newspapers in 2018.  
The physical newspaper is gradually being replaced by e-newspapers.

**2,460 kg**  
**Used Paper**  
We recycled 2,460 kg of used paper in 2018.

**2,036.8 kg**  
**Plastic Bottles**  
We recycled 2,036.8 kg of plastic bottles in 2018.

**170.8 kg**  
**Aluminium Cans**  
We recycled 170.8 kg of aluminium cans in 2018.

Continue >



## Waste Recycling

**1,161.8 kg**  
**Glass Bottles**  
We recycled 1,161.8 kg of glass bottles in 2018.

**975 L**  
**Waste Oil**  
We recycled 975 L of waste oil in 2018.

**65**  
**cartridges**  
**Printer Toner Cartridges**  
We recycled 65 printer toner cartridges in 2018.

### 1. Rechargeable Battery Recycling

Apart from the above waste recycling, The Harbourview participated in the "Rechargeable Battery Recycling Programme" organised by the Environmental Protection Department and received the certificate of appreciation in 2018.



### 2. Light Bulb and Tube Recycling at Eastern Community Green Station (ECGS)

Spent light tubes and bulbs have been collected at The Harbourview and transported to "ECGS" for recycling. The collected items will then undergo proper treatment and be turned into resources.





## Waste Recycling

**3. Umbrella Plastic Bag Recycling**

Recycling bins have been placed at both the front and side entrances of The Harbourview for collecting used umbrella plastic bags.



**4. Lai See Reuse and Recycling**

In February 2018, The Harbourview joined the "Lai See Reuse and Recycle Programme" organised by Greener Action; we distributed "Renewed Red Pockets" and recycled 24kg of Lai See packets. This activity could help to reduce the paper consumption during Chinese New Year.

**5. Green Collection Programme**

We co-organised the "Short-term Recycling Programme" with Christian Action and donated 70 kg of goods, clothing and toys. Collected items are re-sold and the raised funds used to support the Humanitarian and Social Service programme of the organisation. Also, some of the collected items are transferred to people in need.




**環保回收行動 Green Collection Programme**

日期 : 2018年2月5日(星期四)至2月28日(星期三)  
 Date : 1 February 2018 (Thu) – 28 February, 2018 (Wed)

地點 : 停車場側門入口  
 Location : Side entrance of car park

回收物品 : 新/舊衣物、飾物、玩具、手袋、書籍、鞋履、小型電器及家品  
 Collected items : new/old clothes, accessories, toys, bags, books, shoes and small home appliances

回收物品用途 Use of collected items

回收物品將由「愛暖人心」籌款活動受惠。部分物品將捐贈予「愛暖人心」的「愛暖人心」計劃，以支持其人道及社會服務計劃。其餘物品將由「愛暖人心」的「愛暖人心」計劃出售，所得款項將撥作「愛暖人心」的「愛暖人心」計劃。

Collected materials will be re-sold through our charity outlets to raise funds to support our Humanitarian and Social Service programmes in HK and Mainland. Some of the collected materials will also be transferred to our charity to help bring and maintain China. Others will be used by beneficiary countries through our grant-making/beneficiary activities.

受惠人士 Beneficiary

- 低收入家庭及兒童 Low income new arrival families and children
- 海外回流人士 Expatriated foreign domestic helpers
- 失業及傷殘人士 Unemployed and disabled persons
- 有需要人士 In need of help
- 有需要人士 In need of help

捐獻助人愛暖人心

社會企業 查詢熱線: 2456 2220 www.christian-action.org.hk

## Waste Recycling

### 6. Mooncake Box Recycling

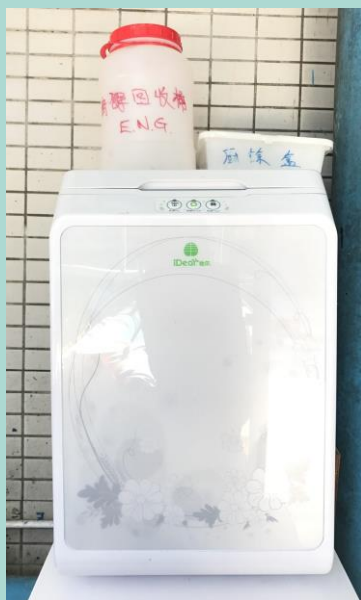
The Harbourview participated in the "Mooncake Box Recycling Programme" organised by Greener Action and recycled 13 kg of paper and 18 kg of metal in 2018.



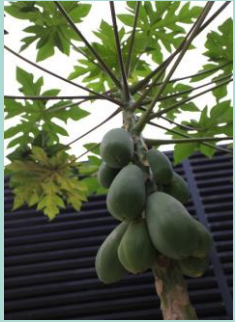
## Repurposing

### 1. Bio-food Waste Decomposer

In November 2018, The Harbourview installed a Bio-food Waste Decomposer to decompose part of the food waste from our restaurants into fertilizer. The nutrient-rich fertilizer is used in organic farming at our rooftop garden. It not only helps to reduce food waste but also lightens the pressure on landfills.



## Repurposing



### 2. Rooftop Organic Farming

The Harbourview has set up an organic farm on the rooftop. We collect the food waste from our restaurants, such as eggshells and coffee grounds to be the organic fertilizer of our rooftop farming. We have planted different vegetables and fruits, e.g. sweet potatoes, papayas and aloes etc.



### 3. Upcycling of Waste Banners

The waste banners are collected from our restaurants and act as shading cloth. Not only can we upcycle the waste, but also enhance the efficiency of our chillers.



## 2.4 GHG EMISSIONS

### Annual Total GHG Emissions

Our total GHG emissions in 2018 were 2,955.45 tonnes of CO<sub>2</sub>-e, while the figure for 2017 was 3,017.8 tonnes. Our 2018 GHG emissions decreased by around 2%.

### Annual Total GHG Emissions (in tonnes of CO<sub>2</sub>-e)

<b>2017</b>	3,017.80
<b>2018</b>	2,955.45
<b>Variance</b>	-2.07%

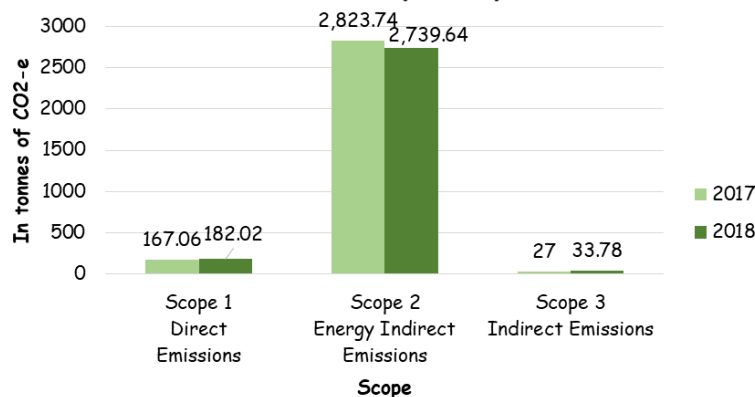
### Breakdown of GHG Emissions

The GHG Emissions of Scope 1 and Scope 3 have increased, because the duration of Cold Weather Warning in 2018 was longer than in 2017, so our guests might take longer hot showers, thus increasing the gas used for preheating the water and keeping it warm as well as raising the water consumption. However, Scope 1 and Scope 3 accounted for 6.16% and 1.14% of the total GHG emissions respectively, so there was only a slight increase in the actual GHG emissions of these two Scopes.

### Breakdown of Greenhouse Gas Emissions by Scopes (in tonnes of CO<sub>2</sub>-e)

Scope	2017	2018	Variance
<b>Scope 1 Direct Emissions</b>	167.06	182.02	+8.96%
<b>Scope 2 Energy Indirect Emissions</b>	2,823.74	2,739.64	-2.98%
<b>Scope 3 Other indirect Emissions</b>	27.00	33.78	+25.14%

### Breakdown of Greenhouse Gas Emissions by Scopes



## Environmental Achievement

# -2.98%

GHG emissions decrease in Energy Indirect Emissions (Scope 2)

There was a decrease in Scope 2's GHG emissions since a 150 tons oil-free chiller was installed in June 2018. It helps to reduce the electricity usage for air-conditioning. Scope 2 is derived from the amount of both electricity and gas purchased. This Scope accounted for 92.7% of total GHG emissions and led to a total GHG emissions decrease in 2018.

For more information, please refer to the section "Energy Consumption" in Chapter 2 Environmental Performance.

## Energy-saving Plan

In order to reduce our GHG emissions, we strive our best to continuously lower our energy consumption. As such, we have developed the energy-saving plan below to achieve our energy reduction target in the coming years.

2016

- Install a heat-pump chiller
- Replace the windows in the guestrooms on the 20-21/F with double glazing
- Replace 40 fan coils

2018

- Install energy-saving dishwashers
- Install an oil-free chiller
- Replace the windows in the guestrooms on the 18-19/F with double glazing
- Replace 40 fan coils
- Replace non-essential lights with LED sensor tubes

2020

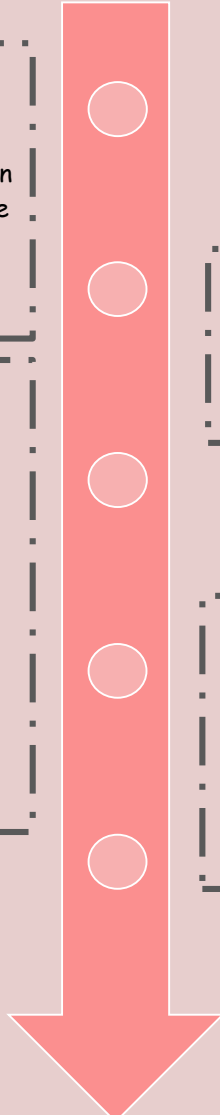
- Conduct an energy audit
- Replace the windows in the guestrooms on the 14-17/F with double glazing
- Replace 100 fan coils

2017

- Install a heat-recovery dishwasher

2019

- Replace 100 fan coils
- Coat our rooftop floor with heat insulation paint
- Renovate 3-4/F toilets



## 3. Green Awareness

### 3.1 Staff Engagement

The Harbourview understands that successful eco-hospitality management requires enhancement of our staff's environmental awareness as well as proper planning and effective green policies. Therefore, enhancing the staff's environmental awareness is one of the core values of The Harbourview's environmental policy and we have formulated different measures in order to further increase our staff's environmental awareness.

#### Environmental Visit

One of the measures is to organise environmental visits for our staff regularly. In July and August 2018, field trips to Eastern Community Green Station were held to enhance the staff's environmental knowledge of waste recycling.



DIY Workshop of Mosquito Repellent Cubes



DIY Workshop of Glass Blocks





## Environmental Talk

Environmental talks are held regularly to enhance the environmental cognition of our staff. The above talk introduced the environmental policy and facilities of The Harbourview. Staff could familiarise themselves with our green measures and strengthen their environmental knowledge as well.



## Environmental Briefing

Our Environmental Officer shares up-to-date environmental information with each department once a month in order to raise the environmental awareness of our staff.



## Green Monday

We provide a green diet to our staff on the Monday falling in the second week of each month. We hope that the "Green Monday" can encourage staff to cultivate the habit of eating more vegetables and less meat. Adopting a green diet is not only good for one's health, but also can help to alleviate global warming.



The theme of the notice board in March 2018 was "Three Types of Waste Paper and Two Types of Plastic Containers".

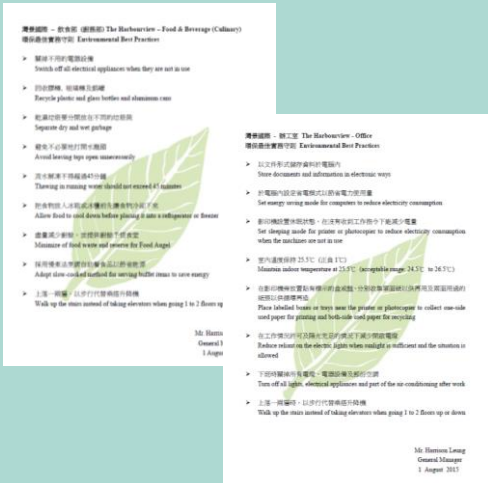
## Environmental Notice Board

The Harbourview updates the environmental notice board at the staff canteen every two months with different themes and environmental issues to enhance the awareness of environmental protection among our staff.

## Environmental Suggestion Box

We set up a suggestion box in the staff canteen to collect suggestions and recommendations for further improvements to our green management from our colleagues.





## Environmental Best Practices

In mid-2015, The Harbourview developed "Internal Environmental Best Practices" for different departments. The practices emphasise three aspects, namely energy-saving, water conservation, and waste reduction.

These practices aim to assist our staff in integrating environmental protection practices into management and daily operation in order to enhance our environmental performance.

## Departmental Environmental Message Examination

In February 2018, we held a mini examination to test the environmental knowledge of our colleagues according to the current environmental issues. We hope that this activity can strengthen the environmental awareness of our staff.

**環保信息測驗**

- 甲校的溫室效應比二氧化碳增加多少倍?  
A.19      B.20      C.21      D.22
- 以下那一種類別的能源收益將最為低?  
A.5      B.4      C.2      D.1
- 香港政府將於哪一年開始實施都市固体废物收費計劃?  
A.2018      B.2019      C.2020      D.2021
- 沐浴時間縮短一分鐘可以節省多少公升食水?  
A.10      B.12      C.14      D.8
- 可生物分解的塑膠在分解過程中會釋放以下那一種溫室氣體?  
A.二氧化碳      B.氧化亞氮      C.甲烷      D.臭氧
- 在都市固体废物收費計劃下，每公升垃圾的收費為多少?  
A.\$0.5      B.\$0.33      C.\$0.21      D.\$0.11
- LED 燈與傳統鎊絲鎊絲燈比較可以節省多少百分比的用電量?  
A.80%      B.75%      C.60%      D.50%
- 在選擇新年期間，我們應該選擇甚麼設計利息比較方便耐用?  
A.儲蓄式利息      B.貼貼時口式利息      C.附有生利或早的利息  
D.以上皆是
- 以下那一項為博愛醫院現時採用的雨水儲存?  
A.雨水收集系統      B.水流量限制器      C.安裝磁式水龍頭      D.以上皆是
- 政府宣佈在 2018 年開始在政府場地每公升以下的轉水，目的為何?  
A.鼓勵市民購買其他物品      B.鼓勵市民自備水樽減少使用膠樽      C.降低營運成本  
D.以上皆是

測驗完成

## 2018 Staff Green Survey

To study our staff's environmental awareness and pro-environmental behaviours, The Harbourview has conducted a staff's green awareness survey annually since 2015. Regarding the results in 2018, the mean score of our staff's environmental awareness was 3.79, while it was 3.49 in 2017 (Full marks: 5). Besides, the mean score of staff's environmental behaviour was 3.67 in 2018, while it was 3.92 in 2017 (Full marks: 5). The results show that our staff have undergone an improvement in environmental awareness, but the score decreased for environmental behaviour. This reflects that they understand the importance of environmental protection and are willing to receive up-to-date environmental information. However, they need to be motivated to live a more sustainable lifestyle.

### Section 1: Environmental Awareness and Attitude

請為以下句子評分。Please rate your agreement with the following statements:

- (1) 保護自然環境資源，包括水、能源和食物是很重要的。  
It is important to conserve natural resources, including water, energy and food.  
 非常不同意 Strongly Disagree  
 不同意 Disagree  
 中立 Neutral  
 同意 Agree  
 非常同意 Strongly Agree
- (2) 為了提供美好的環境給下一代，我願意付出相應的代價。例如承受不便(自備水樽及購物袋) 或付出更高價錢購買環保產品。  
I am willing to pay the price, such as suffering from inconveniences, in order to provide a better life for future generations. (For example: bringing your own water bottles instead of disposable plastic water bottles, using double-sided printing, etc.)  
 非常不同意 Strongly Disagree  
 不同意 Disagree  
 中立 Neutral  
 同意 Agree  
 非常同意 Strongly Agree
- (3) 我願意獲取與環保有關的新資訊。  
I am willing to obtain new information on environmental conditions and trends.  
 非常不同意 Strongly Disagree  
 不同意 Disagree  
 中立 Neutral  
 同意 Agree  
 非常同意 Strongly Agree
- (4) 我願意和我的家庭成員和朋友分享綠色生活點子。例如，減低能源和水的使用量的方法。  
I am willing to share my green living ideas to my family members and friends. (For example: the way to reduce energy and water consumption.)  
 非常不同意 Strongly Disagree  
 不同意 Disagree  
 中立 Neutral  
 同意 Agree



## 3.2 Guest Engagement

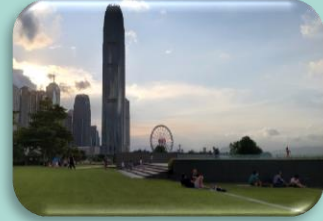
The Harbourview is making an all-out effort to provide quality services to our guests in an eco-friendly manner. We encourage our guests to join hands in the pursuit of environmental protection with us.

### Visit Nearby Attractions

- There are a lot of sightseeing spots in Wan Chai where The Harbourview is located. We encourage our guests to make a visit to the attractions nearby which are within walking distance in order to help reduce carbon emissions.



Lee Tung Avenue



Tamar Park



Blue House



Wan Chai

Environmental Resource Centre

### Decorate Guestrooms with Green Reminders

The Harbourview has decorated guestrooms with green reminders to encourage our guests to use less energy and water.



### Guest Green Survey in 2018

In mid-2018, The Harbourview conducted a survey regarding the environmental awareness of our guests. The mean score of our guests' environmental awareness was 3.97 in 2018 which was slightly higher than the mean score - 3.94 in 2017 (Full marks: 5). The result shows that our guests have a relatively strong awareness of environmental protection and prefer to stay in eco-friendly accommodation when travelling abroad.



## 4. Partnership

### Partnership with EdUHK

To strengthen our management and improve our performance in environmental aspects, The Harbourview started the partnership with The Education University of Hong Kong (EdUHK) in 2015. Dr. Lewis Cheung, Dr. Lincoln Fok and Dr. Alice Chow from the Department of Social Sciences and Department of Science and Environmental Studies act as our consultants and provide professional advice to transform The Harbourview into an environmentally friendly hospitality service provider.

## 5. Internship

Apart from strengthening our environmental practices and awareness, The Harbourview is collaborating with The Education University of Hong Kong and to offer a summer internship programme for undergraduates from Global and Environmental Studies. In 2018, we continued to invite students to join our summer internship programme in which they could have the opportunity to apply their knowledge and skills in a practical way.

### Environmental Talk

Interns from EdUHK held a talk about municipal solid waste in July 2018. After the talk, our staff had a better understanding of waste management in Hong Kong and measures for reducing solid waste in daily life which encouraged them to work together to protect the environment.



During the Q&A session of the environmental talk, interns prepared the eco-enzyme as souvenirs for our staff to encourage them to answer the questions. Eco-enzyme is a natural cleaner which is made from sugar, fruit peel (or vegetable scraps) and water .

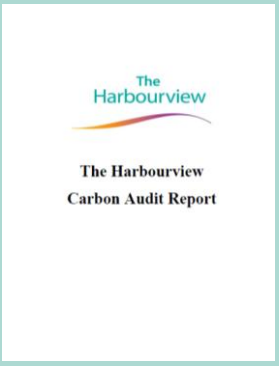


## Canteen Notice Board

During the internship, EdUHK interns helped The Harbourview to design the canteen notice board. The theme of the board was "Distinguish between recyclable and non-recyclable items".

## Environmental Survey

In July 2018, EdUHK interns conducted the green awareness survey to study the environmental awareness of our staff and guests. The results helped us to understand the efficiency of the present environmental policies and formulate relative environmental measures for the coming years.



## Carbon Audit Report

Students compiled a carbon audit report to summarise our efforts for environments in regard to environmental protection during the internship.

## Green Report

EdUHK interns compiled a green report to summarise our environmental performance.





# 6. Experience Sharing and Dissemination of Environmental Information



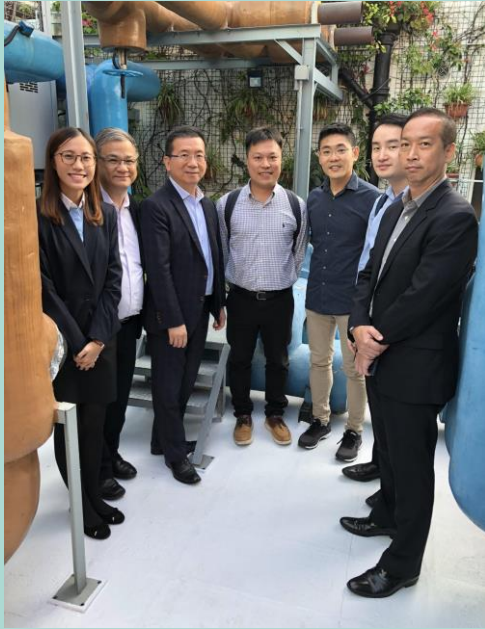
## Environmental Family Day

In August 2018, we co-organised the "Environmental Family Day" with the Chinese YMCA of Hong Kong (CYMCA) to raise the environmental awareness of the public (90 participants). A food art competition and environmental talk were held to aid the participants to learn about the food waste problem in Hong Kong and encourage them to reduce food waste in their daily lives.



## Energy Saving Championship Scheme 2017 Experience Sharing

It was our honour to receive the "Energy Saving Championship Scheme 2017 - Hanson Grand Award" organised by the Environment Bureau and Electrical and Mechanical Services Department (EMSD). In September 2018, The Environment Bureau and EMSD invited us to share our experience in energy-saving and nearly 250 professionals from different industries attended the sharing.



### Experience Sharing - The Hong Kong Federation of Youth Groups

In October 2018, The Hong Kong Federation of Youth Groups visited to observe our sustainable measures and shared the experience in environmental protection with each other.

### Sharing of Successful Experiences of Food Waste

In October 2018, we were invited by the Environmental Protection Department to share our experience in regard to reducing food waste with the public.

"Food Wise Hong Kong" Website [5]: [https://www.foodwisehk.gov.hk/pdf/foodwaste\\_Harbourview\\_Eng.pdf](https://www.foodwisehk.gov.hk/pdf/foodwaste_Harbourview_Eng.pdf)

**Sharing of Success Experience**  
The Harbourview



What would it be when Big Waste enjoys a buffet section at a hotel? Dishes are still placed on the table, with only chairs left. It does not seem to be much related between profit and food waste from the perspective of the hotel. However, it should be the responsibility that every human being bears as a member of Global Village to treasure natural resources. The Harbourview also understands this principle therefore several policies are launched, which helped us to be one of the Gold Class Awarded of the "Food Wise Eateries" scheme launched by the Environmental Protection Department since 2015. At the same time, The Harbourview has joined the food donation program with "Foodlink Foundation" since 2016. In the past two years, over 2,000 kg of food has been donated to those in need.

Imagine this, stepping into a restaurant, lobsters, oysters and fresh sashimi, all kind of food is placed around you, and when you head up and look a bit further, there is a corner with various kinds of desserts, ice cream, and waffle. But the most important thing is that they are all here for you and free to choose. Don't you feel hungry now?

When situated in the food paradise - hotel buffet section, many of us may suddenly forget how it feels to be "full". People may take the food all over town.

the benches to their tables, select so desserts, back and forth. What if they cannot finish all of them? Just leave it there, check the bill then go. It was indeed a tragic scene when our management witnessed it. Therefore, we promoted a series of new policies reducing waste from the source. And most importantly, we are honoured to be one of the Gold Class Awarded of the "Food Wise Eateries" scheme launched by the Environmental Protection Department since 2015, and proud to introduce the series of policies including pre-portioned meals.

Our dessert section in buffet mainly adopts pre-portioned policy as over 50% of our dessert dishes are served by "one bite only". We may either cut them into small pieces or placed by a spoon, so everyone can enjoy the sweetness within one bite. Except for desserts, salad and some hot dishes are also served

under this policy that may reduce food waste.

We understand the sequence of how long Hong people enjoy buffet meals, so we decided that the first policy should start with the amount and order of supply. A buffet dinner section usually begins at 6 pm and now seafood, salad and appetizer are in high demand. Chaffs will make sure the amount of them is sufficient and in the meantime, the number and choices of desserts will keep in low supply.

When time goes by, hot dishes will be kept at a sufficient amount




Sharing of Success Experience - The Harbourview

### 惜食成功經驗分享

馮景編譯



「飯滿肚穿」的大龍鬼到酒店光顧自助餐，會是什麼情況？桌面上仍有美食數碟，卻已人去椅空。從酒店角度而言，利潤跟剩食似乎無甚關係，然而作為地球村一員，珍惜資源應該與全人類有關，灣景國際亦深明此道理，所以不論在客人及員工層面都推出多項措施，希望所有人都明瞭把惜食銘記於心，更添著多管齊下的各項惜食措施，使灣景國際從2015年起獲得環保認證獲推出的「碟碟盡食店」計劃之金級認可資格。除了從源頭減少消耗外，灣景國際自2016年起開始剩餘食物予慈善機構，截至2018年4月底計已捐出逾2,000公斤食物。




為當廚，做好餐前的准备工作，只顧不停地在櫃上添加食物，從餐盤不停空到廚房，吃不完就放爐上或後廚板櫃間。看到這種浪費情況讓我們的營運團隊感到痛心，毅然推出一系列政策，從源頭開始減少浪費食物。

餐前機、生蠔、刺身、各類美食通通放在你左右兩旁，任君選擇，還有各式甜品、雪糕、甜奶高夫，只要在腦海裏幻想一下是否有口肉與蛋糕和希把它們全都塞進肚子的衝動呢？不少人到酒店光顧自助餐一看到美

有些以型數盤裝，好讓客人選擇各式各樣點點也不會浪費食物。還有沙律、炒麵等類以小的形式擺盤，從而減少浪費的機會。

我們推出的零食飯前更無罪單讓每位客人推出的「碟碟盡食店」計劃之金級認可資格，例如在自助餐廚枱部分，一半以上的款式都以「一口吃」形式呈現在貴賓眼前，有些已經切成一小份。







**CSR Programme & Environmental Talk**

In December 2018, a banquet was jointly held with different service units of the CYMCA, such as children, youth and elderly centres (130 participants). Not only did we celebrate Christmas together, but also we took this opportunity to spread environmental information and promote the importance of reducing food waste in daily lives.

**Introducing Environmental Measures, Activities & Awards through Social Media**

We update our Facebook and Instagram regularly to introduce our green measures, activities and awards. We hope that it can promote environmental messages and ideas as well as enable the public to become familiar with our environmental concepts.

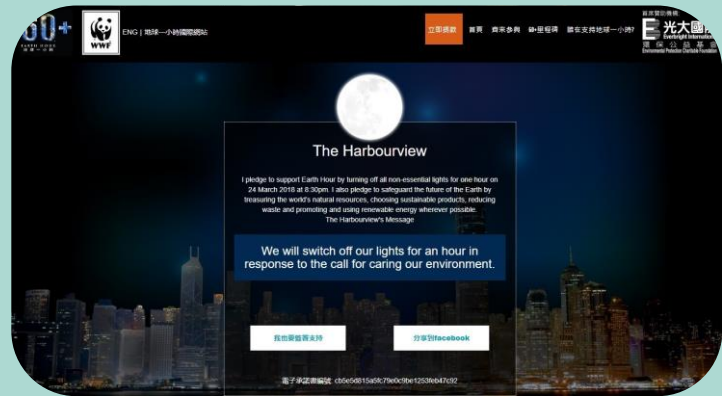


# 7. Environmental and Social Responsibilities

1

## Earth Hour 2018

- The Harbourview supports "Earth Hour" initiated by the World Wide Fund For Nature every year. To support "Earth Hour 2018", we switched off all non-essential lights for an hour at 8:30 pm on 24 March 2018.



2

## Charter on External Lighting Platinum Award

- The Harbourview participated in the "Charter on External Lighting" in support of mitigating the problem of light nuisance and energy wastage caused by excessive artificial outdoor lighting. In 2018, we received a platinum award for switching off external lighting from 11 p.m. to 7 a.m.



3

## Supporting Energy Saving Charter 2018

- The Harbourview signed up for the "Energy Saving Charter 2018" to promote energy efficiency and saving in all sectors.

## 4 Supporting "No Plastic Bottle Day" initiated by the CYMCA

- In June 2018, The Harbourview participated in "No Plastic Bottle Day" organised by the CYMCA in order to encourage citizens to cultivate the habit of not buying and using plastic drinking bottles in their daily lives.
- Green Cards are also placed in our guestrooms to encourage guests to use less plastic bottled water.



## 5 Sustainable Consumption Enterprise Award Scheme Certificate of Excellence

- The Harbourview participated in the "Sustainable Consumption Recognition Scheme" organised by the Business Environment Council Limited. We are committed to considering the sustainable features of products and services during our purchasing process in order to minimise the negative impacts to the environment and society.
- In July 2018, we were awarded the logo of "Sustainable Consumption Enterprise" and "Sustainable Consumption Enterprise Award Scheme - Certificate of Excellence" respectively.



## 6 Green Office Label and Eco-Healthy Workplace Label

- The Harbourview was awarded the "Green Office Label" and "Eco-Healthy Workplace Label" organised by the World Green Organisation in recognition of our dedication to implementing various environmental measures in our offices and creating a healthy work environment for staff.
- Over 400 companies' offices have joined the scheme.





## 7

### Food Wise Eateries Scheme Gold Class

The Harbourview has joined the "Food Wise Eateries Scheme" launched by the Environmental Protection Department since 2015 and was awarded the Gold Class of recognition. We put effort into food waste reduction by donating food to the "Foodlink Foundation" and promoting food reduction messages to our staff and guests.



## 8

### HSBC Living Business ESG Awards 2018 Certificate of Merit

The Harbourview was honoured to receive the Certificate of Merit at the HSBC Living Business ESG Awards 2018 in recognition of our overall achievement in sustainability in the aspects of environmental protection, care for staff & the community and corporate governance.



## 9

### 2018 Hong Kong Awards for Environmental Excellence Merit Award

The Harbourview was honoured to receive the "Hong Kong Awards for Environmental Excellence (HKAEE) - Merit Award" which is known as the "Oscar" of Hong Kong's environmental protection industry. In 2018, a record number of nearly 2,000 entries competed for the HKAEE.



香港環境卓越大獎  
Hong Kong Awards for Environmental Excellence



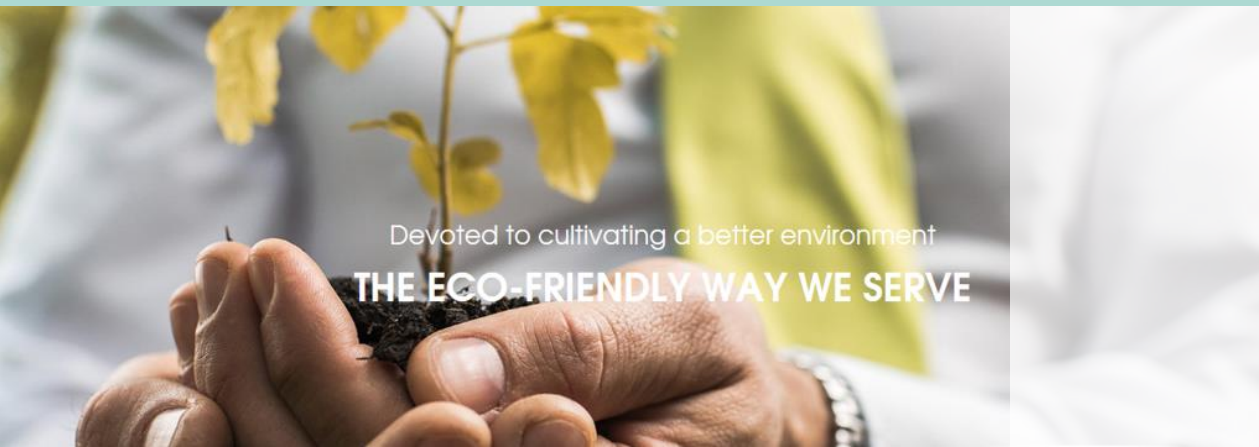
## 8. Looking Ahead

In an era of rapid environmental change, The Harbourview is committed to caring for the environment and serving guests in an eco-friendly manner. In 2019, we will continue to implement green measures and fulfil our environmental and social responsibilities.

### 2019 Outlook

- Adopt strategic utility efficiency programmes, improve the building's energy efficiency and make progress towards smart energy management
- Actively disseminate of environmental messages and our efforts in environmental protection to different stakeholders
- Participate in different environmental programmes and competitions held by the government, non-governmental organisations (NGOs) and the private sector

Our environmental journey will continue. We are now mapping out our future environmental plan and will sustain our support of environmental protection through our management and daily operation and contribute our best to build a greener Hong Kong together.



Devoted to cultivating a better environment

**THE ECO-FRIENDLY WAY WE SERVE**



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## The Harbourview



*THE ECO-FRIENDLY WAY WE SERVE*

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2018 *Green Report*

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