

About the WGO

A large, stylized graphic of a plant with a thick green stem and two large, rounded leaves, positioned on the left side of the page.

Making constant efforts, the World Green Organisation has promoted sustainability in various innovative activities. As a non-profit organisation, support from the general public has been crucial for us. Last year, we have gained much attention from the media, who have reported and published our policy advocacy and promotional activities, ranging from climate change, energy saving and reduction of carbon emission, environmental protection, electricity, energy poverty, waste management, and green economy, etc. The Organisation has been interviewed by TV and radio broadcasts for over 100 times, and reported for nearly 700 times by newspapers and magazines. The power of the media has played a positive role in the Organisation, spurring us on for a better and greener world.

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Message from our Chairman



Stepping into 2017, the WGO has embraced and celebrated its 5th anniversary. In celebration of this special day, the WGO's annual reception and dinner featured the grandest spectacle and was joined by the biggest number of guests. Participants included over 500 friends, 8 government officials, scholars, business leaders, and other environmental groups, who gathered together to witness and support the WGO.

As for the Organisation's development, along with a stable staffing increase, there has been an annual rise in fund-raising projects five years in a row, rarely seen in non-governmental organisations. It is evident that the Organisation's direction and achievements have been recognised and actually supported by all walks of life. It proves that we, as a brand-new environmental group, have not only built up preliminary foundation, but our innovative approach and outcomes have also been widely approved.

Looking back on the last five years, the WGO has made a few major achievements. Contributing greatly to electricity, water and paper saving, and waste and carbon reduction, we have assisted many corporations and built around 350 green offices in total. In addition to that, we have rolled out the pilot glass beverage bottle recycling project. Not only have we recycled over 1,600 tons of glass bottles from 200 restaurants and bars, but we also worked with retail chains and set up more than 200 recycling points for collecting plastic bottles, which are later handed over to contractors and turned into raw plastic materials. That has further enhanced citizens' awareness of recycling, and in the meantime achieved the actual reduction of waste and alleviated the stress of landfills.

The five-year anniversary is a significant landmark. Yet, we can't afford to be complacent, but always bear our original intention in mind. We should contribute ourselves to Hong Kong, the world, the Earth, and human well-being. Lastly, I would like to take this chance and express my gratitude to the support from the board of governors. I am proud of our whole team's constant efforts, and we will continue devoting ourselves to practical social issues in Hong Kong and move towards sustainability.

A handwritten signature in black ink, appearing to read 'Michael Lai', with a stylized flourish at the end.

Mr. Michael Lai
BBS, M.H., J.P.
Founder and Chairman of Board of Governors

Message from our President



When I brought up the developmental vision of Belt and Road Initiative (BRI) last year, I pointed out that the WGO would enhance its work in Myanmar, which has played a big role in the BRI strategy. One year later, not only has the Organisation opened a new office branch near the airport, but also strengthened the communication with different departments in the local government.

Apart from maintaining a good long-term relationship with the Department of Natural Resources and Environmental Conservation and the minister, the Organisation has had meetings and talks with representatives from nine government departments, including the Ministry of Hotels and Tourism, Ministry of Commerce, Ministry of Construction, Ministry of Education, Ministry of Social Welfare, Relief and Resettlement, Ministry of Labor, Immigration and Population, Ministry of Religious Affairs and Culture, Ministry of Transport and Communications, Ministry of Planning and Finance. We have felt how much the government valued us.

As a bridge, the WGO has been introducing Myanmar to Hong Kong, and meanwhile presenting a green Hong Kong to Myanmar. Previously, we cooperated with youth associations and university bachelor programs, and jointly organized environmental protection and culture tours in Myanmar; this year our cooperation has extended to other social welfare organisations and university master programs. The topics covered are much wider and the issues discussed are even deeper.

Meanwhile, in response to the development of Greater Bay Area, Dr. William Yu, one of the founders of the Organisation, has written up an academic article as the only invited environmental groups leader, for the book "Guangdong-Hong Kong-Macao Greater Bay Area and Hong Kong" published by the Commercial Press, which was given out during the National People's Representative Meeting. In his article, Dr. William Yu as a scholar discussed how different cities in the San Francisco Bay Area cooperated and made criteria to solve serious air pollution issue in the area. The article also listed the timeline of policies and reforms, which serves as practical reference and example for relevant departments of the Greater Bay Area.

Please allow me to take this opportunity of five-year anniversary and borrow an ancient Chinese saying - "five sons have passed the civil service exams" to conclude the WGO's achievements as a new milestone. In the hope of more fruitful "five years", the WGO promises to exert its influence on the task force of the advisory council of the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP), share its accomplishments of policies and research, and strive together for a green world.

Mr. Albert Oung
Founder and President



Message from our CEO



Seeing my own child – the WGO turning five years old, I, as a founder, have all kinds of feelings welling up in my hearts. In addition to my gratitude for the blessings from God, I feel thankful for my colleagues and comrades-in-arms sticking with me through thick and thin, and the board of governors who have been greatly supportive. I am also grateful for my family, who have put up with my long working time, and their understanding and support have helped me move forward bravely and persistently.

When the Organisation was established, Hong Kong's economy had been on a sound footing. Sufficient funds from businesses allowed the Organisation to receive generous donation, which also made new projects and recruitment easier. However, it is challenging for a non-government organisation to develop and grow stably and healthily without fixed funding.

The WGO has thus faced real challenges alongside the later economic fluctuation. Since the period of economic adjustment started two years ago, the Organisation has experienced more pressure from fundraising, and also encountered issues such as attracting talents and lacking experienced management of staff members.

Making full use of its Core Competences, the WGO, however, has made practical accomplishments in environmental protection with the least staff thanks to their passion and sense of mission, and professional perseverance without compromise. The Organisation has pushed forward brand-new value-added projects with its execution power from the team as well as its continuing innovative mind. The Organisation's comprehensive partnership and network have resulted in expertise and synergy effects. All of these have helped the Organisation to overcome obstacles again and again.

In spite of various difficulties, not only has the Organisation enjoyed income increase in projects five years in a row, but there is also a rise of over 10% in 2017. The Organisation has achieved breakeven for the first time, reaching a new milestone financially. It has a quadruple increase in finance compared with the year when it was founded, and also this year has seen the number of staff members doubled. There has been progress in the community work – "territory-based service penetration", which was brought up last year. As for its involvement in poverty alleviation, the Organisation will establish a new social enterprise for residents at Sham Shui Po in order to support the grassroots and learn more about the needs for household in partitioned flats.

Our future development will not only focus on gathering more stable resources for expanding our projects, but we will also facilitate more environmental protection projects and benefit the environment and more social groups in the hope of exerting greater influence on the society.

A handwritten signature in black ink, which appears to read "Dr. William Yu". The signature is fluid and stylized, with a long horizontal stroke at the end.

Dr. William Yu
Founder and CEO

The Celebration of the
5th Anniversary





WORLD GREEN ORGANISATION 世界綠色組織

Energy Saving and Waste Reduction in Response to Climate Change

Supporting the Poor with Environmental Protection and Working with Communities and Offenders



The office branch in Myanmar
Green House, No. 25/27, Airport Road,
Insein Township, Yangon, Myanmar



Over 500 guests attended the gala dinner
in celebration of the five year anniversary.

Social Innovation Inventor –
Competition for Innovative Design
The competition inspired around 1,400
students from universities and secondary
schools to solve social problems using
their creativity.

The First Research of Electricity Consumption
Measurement and Benchmark
Students from 100 secondary schools became
energy auditors and worked on electricity
saving plans.

School Waste Analysts
Around 160 students were trained to
measure wastes in schools in order to
change wasteful habits in the past.

Greenfair
A bartering and sharing
platform has found new
owners for around 3,400
used items.

Reduction of Paper Towels
Nearly 400 stores, offices,
club houses and restaurants
promised to reduce the use of
paper towels.

World Green Organisation:
Green House, 4th Floor, 483 D-E, Castle Peak Road, Lai Chi Kok, Hong Kong
☎ : 2391 1893 🌐 : www.thewgo.org ✉ : enquiry@thewgo.org

Glass Bottles Recycling
Up to 300 tons of glasses were recycled
each month on average, thanks to the
cooperation of shopping malls, restau-
rants and bars.

Plastic Bottles Recycling
Around 200 health and beauty
care stores became recycling
sites and promoted plastic bottle
recycling.

Retailers Involvement



Schools Involvement



Waste Auditing
Waste sorting and auditing
were conducted for stores
at four grand shopping
malls and wet markets.

Interaction with the Public



Green WALK Hong Kong
Around 20,000 people
participated by foot for fitness
and carbon reduction.

White List of Product Safety
The white list report aims to examine
environmental protection and consumers'
safety, and enhance consumers' information
and knowledge.

WGO
Celebration of its
five-year anniversary

Title Sponsors



Platinum Sponsors



Gold Sponsors



What We Did
Corporate Involvement -
Social Responsibilities of Businesses



Corporation Involvement - Social Responsibilities of Businesses

1 . Green Office Awards Labelling Scheme and Eco-Healthy Workplace Labelling Scheme



Social issues:

- Regardless of the fast-growing economic development and the improved quality of life, we have faced problems such as energy and resources crisis caused by over-consumption, and other issues like climate change.
- The greenhouse effect and the extreme weather resulting from the surge of carbon emissions have not only greatly exerted negative influences over the global ecological environment, but also disrupted economies and affected lives. The commerce and industry sector, as the largest consumer of energy, should not neglect their responsibilities for environmental protection. Economic development should go hand in hand with the ecological environment and the reduction of energy consumption, in order to promote sustainable development of the world.
- In addition to environmental protection, employees' health should be taken into consideration by companies as they are important assets of the company.



Action plans and objectives:

- The Schemes assist companies to set goals for emission reduction and offer proper solutions. The Schemes allow participant companies to achieve their goals for a "green office", optimize the use of resources, reduce costs and increase profits, and promote their images.
- The new "Eco-Healthy Workplace Labeling Scheme" can increase employees' awareness of a healthy work environment, and boost their morale and strengthen their senses of belonging. As a result, the Scheme will help and improve companies' productivity and competitiveness, and encourage companies and their employees to create a green and eco-healthy workplace.
- It is hoped that employees, under the influence of a greener company, can bring the awareness of environmental protection back into their homes in the hope of extending the effect on the to society.



Achievements:

- Starting from 2013, more than 350 offices from international firms, listed companies, and small and medium enterprises have participated in the Scheme by December 2017.
- By now, around 40 enterprises have been awarded five years in a row, while more than 60 enterprises have received the awards for over 3 consecutive years. The number of awardees has strongly proved that a "green office and eco-healthy workplace" have brought sustainable benefits for companies.
- The Eco-Healthy Workplace Labelling Scheme has supported the aforementioned 350 enterprises to improve their workplaces based on the from the following nine aspects: 1) the company's policies, guidelines, and support for the management, 2) the training offered to enhance employees and contractors' awareness, 3) the management of energy and lighting, 4) the green areas, 5) the indoor air quality, 6) the management of water resource, 7) the noise control, 8) the provision of ergonomic office equipment and stationery, and 9) the disposal of chemicals.
- The Schemes have involved 280 students trained as green auditors after 5 years' promotion. It is hoped that their experience will affect more companies and colleagues who will be involved in the Schemes after the student green auditors step into the society.



WGO provided tailor-made training to different enterprises participating in the Schemes and shared its vision of green and sustainable development.



The awards presentation ceremony of autumn 2017 was hosted in Hong Kong Convention and Exhibition Centre on 7 July 2017. The Guest of Honor of the event was Mr. Donald Tong, JP, Permanent Secretary for the Environment, and director of the Environmental Protection Department. Professor Albert Ip, vice chairman of the WGO was invited to give an address in the ceremony.



The new Eco-Healthy Workplace Labeling Scheme of this year has enhanced employees' senses of belonging in the participant companies.



Guests "added" environmental-friendly equipment for green offices.

Mr. Donald Tong, JP, Permanent Secretary for the Environment, and director of the Environmental Protection Department, shared his experience of source reduction and called for a green future achieved by the joint efforts from participants of the event. Guests "added" environmental-friendly equipment to green offices, which represented enterprises' efforts at protecting the environment. The guests also hoped that companies would convert the Schemes into a part of their sustainable plans. All awardees had a group picture with the award presenters after the ceremony.



Mr. Donald Tong, JP, Permanent Secretary for the Environment, and director of the Environmental Protection Department, shared his experience of source reduction in daily life.



CEO of the WGO Dr. William Yu shared the most updated green information with all participating companies in the ceremony.

The autumn awards presentation ceremony was held in the same year on 20 November 2017. The general manager Mr. Ho Chi Shing from the BEAM society and Mr. Matthew Wong, board of governors of the WGO were invited to the event in support of all participating companies.



Mr. Matthew Wong, board of governors of WGO and invited guest, gave a speech in the autumn awards presentation ceremony.



The Guest of Honor in the autumn awards presentation ceremony Mr. Ho Chi Shing, general manager of the BEAM society awarded prizes and gave his support to the awardees.



The guests and a part of awardees had a group photo in the autumn awards presentation ceremony of 2017.



Corporations and organisations participating in Green Office Awards Labelling Scheme and Eco-Healthy Workplace Labelling Scheme:

先導公司
Pilot Companies

Canon
Delighting You Always

晶苑國際集團有限公司
CRYSTAL INTERNATIONAL GROUP LIMITED

大昌行集團
DAH CHONG HONG HOLDINGS

FUJI XEROX

協成行發展有限公司
HOP SENG HONG (HONGKONG) COURTESY LIMITED

業界合作夥伴
Sectoral Partner



金銀獎牌商場
The Green Bauhinia Award Scheme

培訓及技術支援夥伴
Technical & Training Partner



以下參與 GOALS 之企業集團、中小企及機構，
已連續五年積極推動環保文化，為拯救地球出一分力。

The following corporations, SMEs and organisations have joined GOALS
for 5 consecutive years to help promote green culture and save the earth.

4M 創意教育玩具
4M

AD+RG
architectural design and research group ltd
建築設計及研究有限公司

香港國際機場
HONG KONG INTERNATIONAL AIRPORT

Canon
Delighting You Always

中國海外
CHINA OVERSEAS

CISCO

COLORPRINT
HONG KONG

晶苑國際集團有限公司
CRYSTAL INTERNATIONAL GROUP LIMITED

大昌行集團
DAH CHONG HONG HOLDINGS

elite partners
ESTD 1973 PUBLIC ACCOUNTANTS

ESQUEL GROUP

第一金
First Gold

FUJI XEROX

glorysky
源天金融
www.glorysky.com

GOOD CONCEPT GROUP
Good Concept Group
Hong Kong | Shanghai

HANG YICK
恒益
HANG YICK HOLDINGS LIMITED
恒益集團有限公司

亨達金銀珠寶有限公司
Huntate Bullion Limited

協成行發展有限公司
HOP SENG HONG (HONGKONG) COURTESY LIMITED

恒信貴金屬
HX9999.COM

L&O
ARCHITECTS

MSS
電力供電服務有限公司
Hongkong Electricity Services Co., Ltd.
www.hkesc.com

milliontech

新世界百貨
NEW WORLD DEPARTMENT STORES
中國上海香港台北 400

Pioneer

電電工程有限公司
EEC Engineering Company Limited
an environmental subsidiary of the Lee Yee Engineering Group

Ro+Show

The Baroque on Lamina
南丫島博覽館計劃

金銀珠寶貿易場
The Chinese Gold & Silver Trading Society

煤氣
Towngas

WELL BORN
WELL BORN HOLDINGS LIMITED
WELL BORN HOLDINGS LIMITED
WELL BORN HOLDINGS LIMITED

WORLD GREEN ORGANISATION
世界綠色組織

有利集團有限公司
Yau Lee Holdings Limited
(Incorporated in Hong Kong with limited liability)

置富
Mall's
Fortune City One

啟勝管理服務有限公司
KAI SHING MANAGEMENT SERVICES LIMITED

Aspen Court, Shekwood Place, On Fa Fa Yuen Limited, East Point City (Commercial), King's Park Villa, Celeste Court, Majestic Court, Royal Garden, No. 6A Brown Road, Shekwan Place, Harcourt Court, Shekwan Park, No. 12 Shekwan Hill Road, No. 51 Deep Water Bay Road, East Point City (Residential), Grand Century Plaza / MOKO International Commerce Centre, Millennium City 5, Park Island, YCHD Midtown, New Town Plaza Phase 3 and New Town Tower, World Trade Centre, YCHD Midtown



以下參與 GOALS 之企業集團、中小企及機構，
已連續三年及四年積極推動環保文化，為拯救地球出一分力。

The following corporations, SMEs and organisations have joined GOALS
for 3 - 4 consecutive years to help promote green culture and save the earth.

A.S. Watson Group
屈臣氏集團

watsons

PARKSHOP

豐澤
FORTRESS

Watson's Wine

Watsons Water
屈臣氏礦泉水

igold 領峰
貴金屬
連鎖店連鎖店

AMOREPACIFIC

亞洲金融
Asia Financial

ACCA Think Ahead

碧瑤
BAGUIO

BCT
銀聯集團

CALC

中國動力
China Dynamics

周大福
CHOW TAI FOOK

CHANG HAI TRADING (INTERNATIONAL) LTD.
中大貿易(中國)有限公司
A subsidiary of Chang Hai Trading (International) Ltd.
中大貿易(中國)有限公司

中信國際電訊CPC
CITIC TELECOM CPC

CLP 中電

Crowe Horwath

DHL

DR REBORN

UMH

Dr Vio & Partners
醫學牙醫集團

Egl Tours
遨遊世界

EY 安永
Building a better working world

FLEISHMAN HILLARD

未來照明
FUTURE LIGHTING

富國資本
GAP CAPITAL

EAS
EAS GROUP

香港聖公會麥理浩夫人中心
Hong Kong St. Mary's Lady Macleod Centre

合和
HOPEWELL

和記電訊
香港控股



以下參與 GOALS 之企業集團、中小企及機構，已於過往一至兩年為拯救地球出一分力。

The following corporations, SMEs and organisations have joined GOALS for 1-2 years to help promote green culture and save the earth.



2. Green Office Awards Labeling Scheme – Green-Knowledge Student Ambassadors

Sponsors:  新鴻基金融集團
SUN HUNG KAI FINANCIAL



Social issues:

- Transferred from school to workplace, the two thoroughly different “eco-environment”, new graduates may be often at a loss, which might cause problems like misunderstanding or commercial dispute. Such issues may pose a threat to individuals or even the benefits of the company.
- The company’s top-down approach can be the key to effective communication for the minority employees who are resistant to green policies.



Action plans and objectives:

- Working with Sun Hung Kai Financial, the Scheme provides training for communication skills for students in 10 universities, offering an opportunity for students who have passion for environmental protection and business operation to become the Green-Knowledge Student Ambassadors involving in auditing work in the Green Office Awards Labeling Scheme.
- Through studies, discussions in workshops, and practices, students learn how individuals could help a corporation achieve the standards of green offices.
- The Scheme provides students with knowledge of environmental protection and sustainable development, which may enable them to actively engage in improving the environment in their offices.
- It is hoped that Green-Knowledge Student Ambassadors can pass on their knowledge to communities and plant it in people’s daily life.



Achievements:

- Twenty university students in their junior and senior year have been recruited and joined the training workshops.
- In the workshop held on 23 June, WGO provided environmental protection information and green auditing skills, and also the representative from Sun Hung Kai Financial (renamed as Everbright Sun Hung Kai Financial Limited) has taught students “secret” communication skills with staff from different levels in a corporation.
- Within only four months, the students acted as green auditors in around 20 enterprises, including the well-known JP Morgan Assets Management, CLP Group, the Hong Kong and China Gas Company, and Canon Hong Kong Co., Ltd., etc. They have conducted green auditing and learnt about different environmental policies and their implementation and solutions in the corporations.
- The last group of students joined the sharing session on 7 September, discussing what they had learned and gained. Everyone agreed that they had gained great benefits, and the communication skills they learnt in the workplace had inspired their confidence in particular.



The representative from Sun Hung Kai Financial was teaching university students communication skills in order to increase their auditing efficiency. Students spoke highly of the speaker’s sense of humor and believed what they had learnt would be of great help. They looked forward to putting what they learnt in practice.



Staff from the WGO provided the most updated green information and teaching auditing skills.



Students had a group photo with the lecturer after class.

After completing the training, students were allocated to companies participating the Green Office Awards Labelling Scheme to conduct auditing and examine the companies' outcomes of energy saving, waste reduction and recycling in the last year.



Green-Knowledge Student Ambassadors visited different departments in the companies and learned about their specific operation of environmental protection.



Accompanied by the instructor, Green-Knowledge Student Ambassadors used devices and carefully examined if offices from the different companies met the standards of green offices.



Ambassadors summarized auditing results with the representative from the company.



All students participating in the Green-Knowledge Student Training Program were awarded a certificate from the WGO, in recognition of their efforts and active involvement.



3. The 3rd Sustainable Business Award



Social issues:

From 2016 onwards, all listed companies in Hong Kong are required to comply with the new ESG reporting guidelines. That has urged companies in Hong Kong to put more weight on company governance, internal staff training plans, improving environment quality improvement in workplace, and increasing involvement in charity and social service.



Action plans and objectives:

- The Sustainable Business Award scheme aims to raise companies' concerns over environment, society and governance (ESG).
- By offering objective criteria, the Scheme acts as incentives for companies to examine programs that have not fulfilled certain standards. By means of training and strengthened management, companies hope to improve staff's working environment and provide a safe and green workplace for employees.
- Companies are given recognition for their efforts and contributions in actively engaging in improving the following four aspects which are also the assessment criteria: workplace quality, environmental protection, operation practice and community involvement.
- The Scheme helps raise companies' awareness of environmental protection, promotes green corporate culture, spur companies' clients and partners to taking actions for environmental protection, which in a way greatly increases number of participants either directly or indirectly involved in the Scheme.



Achievements:

- The Scheme has invited Mr. Angus Yip, director of sustainability at CSG Group to provide practical suggestion on enterprises' sustainable development strategies on 14 August. Mr. Yip also offered training and workshop for enterprises' representatives in order to improve companies' understanding and performance in environment, society and governance.
- The year 2017 has witnessed 9 awardees, including listed companies and SMEs. Three of them have been awarded for two consecutive years and become sustainable enterprises in practice.
- The awards presentation ceremony this year was held on 11 October 2017 at the Royal Garden in Kowloon. Apart from presenting awards, the ceremony also provided an opportunity for exchanging and learning between enterprises.



In addition to Dr. William Yu, CEO of the WGO, the Scheme has also invited Mr. Angus Yip, director of sustainability at CSG Group to host a lecture in person.



All participating organisations prepared their presentation and reported the outcomes of policies to the judging panel.



Every enterprise receiving the Award was presented a trophy, in recognition of its efforts and excellent performance in the promotion of sustainable development.



Dr. William Yu gave an address at the ceremony.



As the Guest of Honor, Mr. Tai Tak-him, JP., deputy director of Electrical and Mechanical Services Department, presented awards to all the awardees.



Representatives of award winners shared the actions they took for sustainable development.

The judging panel made of professionals (Company names arranged in alphabetical order)

Crystal International Group Ltd.
General Manager/Corporate Quality and Sustainability Ms. Chiu Yuk Wah Catherine
Hong Kong Standards and Testing Centre
Chief Executive Dr. Richard Fung
Housing Department
Chief Architect (development and construction) Mr. Stephen Yim
Li Ka Shing Institute of Professional and Continuing Education OUHK
Assistant Director Ir Dr. Kevin K L So
Lion Kidney Educational Center and Research Foundation
Chairman Mr. Fred Lui
MT Consulting
The Principal and Business Owner Mr. Edward Lau
MW Communications Limited
CEO Ms. May Wong
Synergis Holdings Limited
Executive Director & Deputy Chairman Ir Terence S. C. Leung
Vitargent (International) Biotechnology Limited
CEO Mr. Jimmy Tao
World Green Organisation
CEO Dr. William Yu



Representatives of award winners had a group photo.

Awardees List of the Third Sustainable Business (Company names arranged in alphabetical order)

1. Airport Authority Hong Kong
2. Alliance Construction Materials Ltd.
3. Baguio Green Group
4. Canon Hong Kong Company Ltd.
5. Future Lighting Collection Ltd.
6. Hong Kong International Theme Parks Ltd.
7. Kerry Properties Ltd.
8. NWS Holdings Ltd.
9. Tsui Wah Holdings Ltd.

Sponsors:



4. “Green Hero Alliance Program – Everyone Can Be a Green Hero”



Action plans and objectives:

- Sustainable development has been one of the most important policies for many enterprises in recent years. However, cooperation from employees also plays a necessary role apart from policies. For the purpose of encouraging more people, the WGO has organised “Green Hero Alliance Program” for the third year with employees from many commercial organisations joining the journey to a green hero.
- The program hopes to improve employees’ outlook on environmental protection and waste reduction by means of green education, voluntary service, workshops, and green tours, etc.
- The program aims to deepen participants’ concept of waste management in their daily lives through team competitions, where they can practice waste reduction, reuse and recycling, while building team spirit.
- The program awards the “green heroes” from every organisation in the hope that participants will extend the responsibilities for green environment to different levels within the enterprises.



Achievements:

- Participants learnt the ideas of waste management, source reduction, and upcycling from different green seminars and workshops, which have enriched their knowledge about environmental protection.
- The program arranged enterprise employees to join voluntary service, such as visiting different social welfare organisations including Hong Kong Christian Service Jockey Club Anderson Community Support Network, Kowloon City Baptist Church Neighbourhood Elderly Centre (Lung Cheung Mall), Kowloon Lok Sin Tong Lee Yin Yee United Centre - Support Service Centre for Ethnic Minorities, Pentecostal Church of Hong Kong Ngau Tau Kok Elderly Centre, and Shek Kip Mei People Service Centre. Participants shared waste reduction information with elderly, minority groups and grassroot residents.
- The Green Heroes – A Day for Contests and Challenges was held on 16 September. Around 100 employees from different enterprises gathered at Wu Kwai Sha Youth Village, Chinese YMCA of Hong Kong. Participants and their respective teams presented the green knowledge they had learnt, engaged in environmental games for wit and strength, and competed for “hero license”, which made them one of the important members to promote green and low-carbon lifestyle.
- Mr. SIT Wing Hang, Alfred JP, Director of Electrical and Mechanical Services attended the event in person as a guest of honor.
- The program has attracted over 500 employees from 9 enterprises to participate.



Participants visited an organic farm, getting to know the benefits of organic farming and the value of food.



Employees together with their families visited different environmental protection facilities and looked into the importance of environmental protection.



After participating in environmental protection workshops, employees not only increased relevant knowledge, but also brought the information of environmental protection to their respective communities.



After “graduating”, employees served as volunteers in communities and taught children to make eco-friendly file folders.



Not only were the volunteers equipped with green knowledge, but they also had a loving heart; they taught participants to make environment-friendly handmade crafts.



For the purpose of the best use of resources and environmental protection, participants collected vegetables from wet markets for people in need.



Volunteers worked tirelessly with the elderly to make natural massage cream, and helped them massage on the spot, which made them laugh with joy.



Two blocks and eight pairs of feet – Being of one mind helped with every step.



Jumping together up and down as a team was not only a test for physical capacity, but also the tacit understanding from each other.



After testing the tacit agreement of everyone's feet, now it was time for hands.



The day of challenges was not only about strengths, but also about wits.



Enjoying a happy weekend with colleagues, everyone was laughing with great joy, and a group photo was absolutely a must.

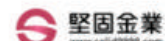


Sponsors:

Sponsorship of the “Green Heroes – A Day for Contests and Challenges”



Sponsors:



5 . Municipal Solid Waste Charging Scheme – Corporations



Social issues:

- Around 13,000 tons of waste has been disposed at landfill every day here in Hong Kong, among which municipal solid waste from residences, business and industry has taken up 67%, up to 9,000 tons. All the municipal solid waste has been disposed at three strategic landfills in Tseung Kwan O, Ta Kwu Ling, and Nim Wan. According to the government, the three landfills would be terminated by 2014, 2016 and 2018, respectively.
- The Environment Bureau released the implementation suggestions for the “Municipal Solid Waste Charging (MSW) Scheme” in March 2017 and will introduce the bill on MSW charging into the Legislative Council in 2018. It is expected that the charging scheme will be implemented in 2020.
- Through the “polluter-pays” principle, the scheme aims to promote waste reduction at the main source for businesses, schools and the public, reduce the pressure of landfills, and encourage all walks of life to reduce waste at source.



Action plans and objectives:

- The Scheme targets large-scale shopping centres, wet markets, and commercial and industrial buildings. The Scheme also pilots the charging mode of “dumping more and paying more”, in the hope of preparing enterprises and shops for the MSW charging scheme.
- Meanwhile, the scheme allows everyone to learn the different categories of garbage before charging, so that people can understand their waste disposal style and come up with solutions. In this way, recycling can be enhanced, unnecessary usage can be reduced from source. Killing two birds with one stone, the scheme does not only achieve the goal of environmental protection, but also helps cut down costs and expenses on waste by reducing garbage.



Achievements:

- Ever since the launch of the scheme in 2016, the WGO has piloted the MSW charging scheme at two large-scale shopping centres, two wet markets, and five commercial and industrial hybrid buildings. As an incentive for proper waste reduction, certificates were awarded by WGO in recognition of participants’ effort at waste reduction.
- Wet markets sell a great amount of fresh food and the quantity of garbage seems inevitable. During the 6-month pilot scheme, 130 participating stores paid close attention to the solid waste they had produced with the intention to create less solid waste at the later phase of the scheme. Two wet markets have reduced their garbage from 16,000 kg to 9,700 kg, with a decrease of nearly 40%.
- The pilot scheme of commercial and industrial hybrid buildings newly launched this year have enjoyed a favorable reception. Within only five months, it had gained strong support from over 500 stores and shops. The amount of garbage collected was 210,000 kg at the initial stage and it had been reduced to around 73,000 kg by December 2017. The outcome is encouraging with up to 65% reduction.



During the implementation of the pilot scheme, staff from the WGO visited many shops and stores, and helped them get to know the upcoming MSW charging scheme.



Immediately after the participating stores were confirmed, staff members from the WGO assisted them with the categorization of waste, and the weighing and recording of waste in order to estimate how much they would be charged.



As soon as the estimation was completed, staff members from the WGO delivered the "mock" bills to every store.



With the help of the pilot scheme lasting for eight months, some stores have given more attention to the solid waste they produce and intend to actively engage themselves in solid waste reduction. The WGO awarded them certificates in recognition of their efforts.



Staff members called for leaseholders' participation and preparation for the scheme in commercial and industrial hybrid building.

When weighing garbage, staff members often had to carry large trash cans.

Staff members explained the scheme to stores attentively.

6. No Paper Towels Awareness Day



Social issues:

- According to the survey “2017 Urban Attitudes towards the Usage of Paper Towels” conducted last year, Hong Kong has been facing a catastrophic situation of overusing paper towels.
- The overuse of paper towels is due to the convenience of using paper towels and the citizens’ limited knowledge about the fact that paper towels are not recyclable for hygienic reasons. Many do not know that in the process of manufacturing paper towels, the materials that help make paper towels less likely to rip and tear are added, to most of paper towels, which makes it less degradable. What’s worse, the degradable ones may even give off methane, a greenhouse gas exacerbating global warming.
- The overuse of paper towels brings dramatic pollution and harm to our environment, which might lead to incalculable consequences. The manufacture of one ton of paper towels requires 17 fully grown trees and cause the pollution of 20 thousand gallons of water.
- Alongside the upcoming implementation of the municipal solid waste charging scheme, many enterprises hope to reduce their costs from various areas, including the expenses on paper towels.



Action plans and objectives:

- Enterprises that have achieved waste reduction at source are invited to share their experience, calling for reducing waste in the business sector from different areas, such as unrecyclable paper towels in particular.
- Shopping centres, commercial buildings, industrial buildings, residential club house, and offices participating in the “Wipe Out Paper Towels Charter” last December are followed up and assisted to examine the Charter, reduce the use of paper towels, and work out solutions.
- To further promote collaboration between commercial sectors and the public, the number of participants of “Wipe Out Paper Towels Charter” will be increased and the stickers will be displayed at prominent locations as a reminder of reducing paper towel usage.
- City dwellers’ habit of using paper towels is surveyed for the purpose of coming up with effective measures for improvement.



Achievements:

- Co-hosted by the WGO and the JCI Lion Rock at the Convention and Exhibition Center on 5 May, the Green Economic Forum – Municipal Solid Waste Charging and How Corporations Cope with, it has attracted around 100 representatives from enterprises and organisations.
- Mr. Donald Ng, JP, Deputy Director of Environmental Protection and Mr. Angus Wong, Head of Policy Advocacy and Campaign of the WGO were invited to explain the scheme.
- Corporations shared their successful experience with waste reduction at source. Representatives included Mr. Wong Kit Lung Simon, Executive Director of the LH Group, Mr. Jacky Kwan, Chairman of Bamboos Professional Nursing Services Limited – a provider of health care staffing solutions, and Mr. Victor Kwong, Chairman of Environmental Working Committee and Head of Corporate Health, Safety and Environment of The Hong Kong and China Gas Company Limited (Towngas).
- At the press conference and ceremony of the “No Paper Towels Awareness Day” hosted at Dragon Centre, Sham Shui Po on 13 August, it was an honor to invite Mrs. Vicki Kwok, JP, Deputy Director of Environmental Protection to support this event.
- Apart from publishing results of the survey on “2017 Urban Attitudes towards the Usage of Paper Towels”, the event has also presented that among the 80 shopping malls, commercial buildings, industrial buildings, residential club houses, and offices that participated in the “Wipe Out Paper Towels Charter”, one fourth of the participants have reduced the usage of paper towels by 10% or above from January to June in 2017.
- The WGO and JCI Lion Rock have invited 300 restaurants to place the stickers of “Wipe Out Paper Towels Charter” at more than 1,000 locations and noticeable sites in restrooms. That would serve as a reminder for the public that paper towels could not be recycled and to think before using them, in the hope of lowering the usage of paper towels.



Representatives from corporations and organisations expressed their support for the "Wipe Out Paper Towels Charter".



Dr. William Yu, CEO of WGO called for less usage of paper towels at the Forum.



Representatives from corporations and organisations shared their experience of waste reduction at source with government officials.



Mr. Donald Ng, JP, Deputy Director of Environmental Protection explained the details of the municipal solid waste charging scheme.



Guests and participants at the ceremony had a group photo together.



As the environmental protection ambassadors, famous singers Wong You Nam (right), Barry Yip (middle), and Ronny Lay (left) shared their experience of using less paper towels.



Mrs. Vicki Kwok, JP, Deputy Director of Environmental Protection called for less use of paper towels at the ceremony.



The JCI Lion Rock and the WGO announced that 14 August was the No Paper Towels Awareness Day.



Mr. Stephen Wong from the JCI Lion Rock encouraged everyone to replace paper towels with hand towels.

Scheme Sponsors:



7. Glass Bottle Recycling Scheme 2016-2017



Social issues:

- According to the statistics from Monitoring of Solid Waste in Hong Kong 2016, there were 329 metric tons of glasses shipped to landfills every day last year, among which glass bottle took up a great proportion.
- The primary ingredient of glass is silicon dioxide, a type of natural resource without causing pollution to the environment or harm to human health. As a result, glasses are internationally certified recyclable materials. For some kinds of reasons, local glass bottles have not yet found a way through recycling.
- With the implementation of the Municipal Solid Waste Charging Scheme, the government intends to promote the glass bottle recycling scheme in order to reduce waste and lower businesses and citizens' burden caused by waste charging.



Action plans and objectives:

- Sponsored by the Environment and Conservation Fund, the WGO has launched the Glass Beverage Bottle Recycling Scheme since last year. Not only does the Scheme provide free recycling service for commercial tenants, but also organises a series of promotional activities for educational purposes to assist the commercial sector facilitate clean glass bottle recycling, in the hope of reducing processing fees, and releasing the burden of landfills.
- The participating commercial tenants only have to separate clean glass bottles with other garbage, which will be collected regularly by a designated recycling contractor. The recycled glass bottles will be made into glass sand, which can be used for filling and reduce the impact of marine sand extraction on the environment.



Achievements:

- The first phase from last June to December was a preparation stage. The WGO has helped individual commercial tenants calculate the number of disposed glass beverage bottles, in order to estimate the outcomes of recycling. More than 100 bars, cafeterias, hotpot restaurants, and shops have participated in the Scheme.
- The second phase of the Scheme has kicked off this year, with the participation of over 200 commercial tenants. By December 2017, more than 1,600 metric tons of glass bottles had been recycled within only 7 months. That is to say, around 230 metric tons of glass bottles were recycled on average each month.
- The WGO has sent representatives to different public housing estates to carry out educational activities about clean recycling, bringing the messages of clean recycling to communities.



The proper way to recycle glass bottles helps cut down the high costs caused by any random disposal.



Representatives of WGO instilled in residents the methods and importance of clean recycling in communities.



The contractor of the "Glass Beverage Bottle Recycling Scheme" visited participant commercial tenants regularly and collected around 230 metric tons of glass bottles every month.



8. 4M Creative Educational Toys sponsors creative and eco-friendly toys

With its long-term support for years, 4M continues its strong support for the WGO to promote environmental protection. The company has given away six different types of gifts, including 4,000 boxes of environment-friendly puppets and toys, and green little bonsais, in order to encourage the public to download the mobile app "Green WALK HK" and walk for short-distance instead of using any transportation. The gifts inspire people's creativity, and also allow them to save money and energy. With the little bonsais, citizens can make their environment greener bit by bit and add more vitality with greenery to their lives.



4M donated two types of environmental-friendly toys, which required skills and helped train up kids' creativity.



The energy saving reminders donated by 4M remind everyone to save energy and money.



Bringing a little bit of green to various places, the three types of little bonsais have attracted the attention from adults and kids.

9. L'Occitane en Provence sponsors facial and hand care sample kits

With its continuous efforts at environmental protection, L'Occitane en Provence has donated 2,000 customers' favorite sample kits (6 packs per set) to encourage citizens to download the Organisation' mobile app – Green WALK HK, which calls for walking for short-distant travel rather than taking a car for carbon reduction and fitness

In the support of low carbon lifestyle, people who downloaded the mobile app Green WALK HK would be eligible for the facial and hair care travelling kits.



What We Did

Professional Involvement –
Green Education and Training



Corporation Involvement - Green Education and Training

1. Social Innovation Inventor – Smart City Design Competition 2016-2017 and Award Presentation Ceremony



Social issues:

- Our society has been facing the issue of rapidly aging population in recent years. According to Census and Statistics Department, with the post-war baby boomers aging, the percentage of people above 65 years old in the entire population will double by 2064 compared with last year, rising from 16% to 36%. The median age will increase from 43.4 to 53.5 in 2064. Evidently, aging has been a burning issue.
- In response to aging issues, the demand for social support is drastically increasing in areas such as housing, medical care, transportation, daily support and recreation facilities. All the design has to be revised, so as to meet the need of the elderly.
- According to Urban Renewal Authority, there are 21 thousand buildings over 30 years old. By 2046, the number will have raised to 40 thousand. Meanwhile, there are 326,000 private domestic units that are 70 years old or above, 300 times more than last year. If these building cannot receive timely maintenance or renovation, there might be frequent renovation at large scale, which will be disturbing to residents.



Action plans and objectives:

- The Organisation hosts "Smart City Design Competition" and extends the focus to the whole community, rather than targeting on a certain type of infrastructure. The competition aims to inspire students to be creative and encourage them to take initiatives and learn about social and environmental issues.
- A "smart city" does not only rely on intelligent technology, but also goes with the measures of environmental protection and support for the need of different levels in the society, so that the "smart city" can grow into a sustainable and livable city. It can bring out positive messages for the public and changes to the environment, and meanwhile underline the spirit of caring.
- The innovation inventor competition encourages students to design a smart and walkable city with walking facilities, which brings walking and environment together. Hopefully the competition attracts more people to walk so as to reduce carbon emission, lower our Mother Earth's burden, promote creativity, and practice eco-friendly, healthy and low-carbon lifestyle.
- This years' competition required participants to target on communities, featuring the widest range over the years.



Achievements:

- The day 11 February 2017 witnessed the opening ceremony of the competition hosted by the WGO at Science Park. Mr. Kevin Edmunds, Senior Manager of Sustainability and Development, Hong Kong Science and Technology Parks Corporation inspired students' creation using Science Park's green design.
- Participants visited the facilities of Smart City inside Science Park, strengthening the meaning of the opening.
- There were over 100 teams participating in two groups. Ten teams were shortlisted by core judges for the final, and they would meet judges in person, present reports, and address judges' inquiries.
- Judges complimented students on their earnestness. Their works evidently demonstrated their efforts at searching a great quantities of resources, and their design was filled with ideas and creativity. The competition intended to select the top three awardees, and two teams from the secondary group ended in a tie and both became winners in the third place. That added up to seven awardees.
- "Smart City" Design Competition 2016-2017 Award Presentation Ceremony was held on 22 June 2017 at Bayshore Tower.
- Apart from sharing their design ideas and feelings of receiving the awards, the awardees also showcased the models they designed to the public.
- The event has been fully supported by over 30 corporations and organisations. Please see the section of special acknowledgements for details.



Dr. William Yu, CEO of the WGO introduced the theme of the competition this year – “smart city”.



Mr. TONG Sai Wong Alan, Governors and Executive Committee of Charles K Kao Foundation for Alzheimer's Disease pointed out that the competition aimed to improve lives of the elderly, which matched with the Foundation's goals.



Guests announced the features of this year's competition.



Participants paid a visit to the “Smart City” facilities inside the Science Park.



Dr. William Yu, CEO of the WGO introduced the theme of the competition this year – “smart city”.



Core judges spared no effort to listen and evaluate students' presentations.



As guest of honor of the ceremony, Mr. Wong Kam-sing, GBS, JP, Secretary for the Environment responded to the theme of this year “Love x Creative” with “endless love, endless love”. He also encouraged students to integrate environmental ideas to the design of communities.



According to Dr. William Yu, CEO of the WGO, despite the wide range of design and challenges, students gave the judges a pleasant surprise.



Guests listened to awardees' sharing attentively.



All awardees had a group photo with the guests.



Different teams explained their design ideas and implementation plans to the guests.



Participants of the competition had the chance to enjoy a study tour on green environment in Taiwan.

Core Judging Panel:

Mrs. Gwen Kao, Chairman, the Charles K. Kao Foundation for Alzheimer's Disease

Ms. Linda So, Corporate Affairs Director, MTR Corporation

Mrs. Rebecca Choy-Yung, Advisor, Hong Kong Shared Good Values Wofoo Social Enterprises

Mr. Fai Au, Principal, O Studio Architects

Mr. Wong On Wa, Edward, Sr Place Making Manager (Design), Energizing Kowloon East Office

Mr. Peter Mok, Head of the Incubation Programmes, Hong Kong Science and Technology Parks Corporation

Results:

Award	Secondary Group	Tertiary Group
Champion	Chan Ching Yui, Chan Nok Kan, Chu Wai San Design: Yau Tong Promenade	Ngan Mui Chun, Au Chi Yan, Leung Cheuk Nam Design: www.tree
1st Runner-up	Yu Wing Yan, Wong Wai Man, Chan Wing Sum Design: Hug	Wong Chak Yin, Lee Pui Him, Wong Chak Fung Design: Spider City
2nd Runner-up	Chan Ka Lai, Wong Hiu Ching, Pang Wing Ki Design: Gap Liu Yuen Ting, Leung Hang Lok, Lam Wing Ki Design: WEST Times	Yan Tsz Ching, Luk Wing Yin Design: SMART TKO South

Secondary Group



The champion: Yau Tong Promenade



1st Runner-up: Hug



2nd Runner-up: Gap



2nd Runner-up: WEST Times

Tertiary Group:



The champion: www.tree



1st Runner-up: Spider City



2nd Runner-up: SMART TKO South

Special Acknowledgements:

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2. Social Innovation Inventor – “Co-living, Co-working and Inheritance” Concept Space Design Competition 2017-2018

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Social issues:

- The housing problem in Hong Kong has been a concern of the public. The scarcity of land has led to the surge of property prices and rents. The local housing issue has been exacerbated.
- According to findings from the survey on living space per person by countries published by the U.S. Census Bureau, the average living space in Hong Kong is 15 square meters (around 161 square feet), one third of that in the U.S., and the smallest ration in the world. Due to the small living area, the living quality is not very satisfying.
- As the collaborative economy mode is springing up, other types of sharing modes have followed suit. Apart from co-living space, the development of co-working space has been growing. The security, fairness and effectiveness of sharing space have become a hot topic in Hong Kong.



Action plans and objectives:

- In the 5th Social Innovation Inventor Competition, the WGO hopes participants to make use of the concept of living and inheritance, and encourages them to design co-living or co-working space with special features and gather users from different background, ages and social status.
- It is expected that the Competition attracts people with similar ideas, who can share their lives, wisdom, experience and techniques with each other. Also, the competition promotes communication and creativity, brings green elements to the design, and inspires the younger generation to follow social and environmental issues so as to push sustainable development forward.
- The Competition allows young people to have free rein to their creativity, facilitate exchanges, and boost cultural development and communication in Hong Kong.



Achievements:

- Co-organised by the Department of Buildings Services Engineering, Hong Kong Polytechnic University, the Competition has not only attracted more students, but also provided more technical support for participants.
- Featuring in co-working and co-living space, a hot issue among young people, the Competition has aroused the interest of many students who have teamed up for the competition.

3. Municipal Solid Waste Charging Scheme – Schools

Sponsor:



Social issues:

- The Municipal Solid Waste (MSW) Charging Scheme was launched in March 2017 after long-lasting discussion. According to the Scheme, one liter of garbage will cost HK\$0.11 on average. For a three-person household, the estimated cost will be around HK\$30 to HK\$42.
- It is expected that the Scheme will be put into effect in 2020. The estimated fee is closely in line with the WGO's survey in 2013, which showed that around 60% survey participants accepted a monthly fee of HK\$30. The Organisation believes that the charges are reasonable during the transition period; however, the charges will be increased in 2020.
- The charging scheme in Hong Kong has been lagging behind compared to other regions in the world. For the sake of environmental protection, there has been a difficult issue for the public to adapt to and accept the charging scheme.



Action plans and objectives:

- The Organisation promotes the “garbage charging pilot scheme” in schools, which allows school management to know the quantity of waste on campus, and the cause and ratio of each types of waste. That will help schools make tailor-made action plans, reduce waste from source, and increase the recycling rate on campus.
- The Organisation aims to raise children's awareness of environmental protection, help them understand the importance of waste reduction at source, and put it into practice.



Achievements:

- The programme has attracted 10 schools to participate.
- Over 100 students have been trained as smart waste analysts. They have learnt that dumping without thinking might waste a great number of recyclable materials, and they have also understood the importance of waste reduction at source.
- From the analysis of waste in the participant schools, there is 38 to 116 kg waste produced on a daily basis on average, among which 50% is recyclable such as plastic bottles, metal and paper etc.
- The rest is non-recyclable waste such as food waste.
- Schools can get prepared for the charging scheme, evaluate the expenses needed and come up with action plans tailor-made to waste reduction.
- Some participating schools have reduced their waste by 10% to 30% after the programme.



Paper was the most common solid waste in schools.



Categorizing and recording of waste helped students learn the produced waste in order to reduce waste from source.



Participating students actively engaged in categorizing recyclable waste.



Students were not afraid of dirtiness and outdoor, and their active participation showed their full support for the Scheme.



4. Green, Knowledge, and Lively Tours – Green Guided Tours for the Public



Social issues:

- According to Monitoring of Solid Waste in Hong Kong 2016 published by Environmental Protection Department in December, the sum of municipal solid waste was 5.7 million metric tons, decreasing by 0.7%, and yet the per capita disposal rate slightly increased from 1.39 kg in 2015 to 1.41kg. That indicates the public's awareness of waste reduction has been increased, although the overall outcome is to be improved.
- As the landfills are filling up, the reduction of waste disposal requires joint effort from all walks of life.
- Despite the fact that recycling has been implemented for years, some citizens still have misunderstandings towards recycling. What's worse, some recycling bins have become a trash bin for some people for the sake of convenience.



Action plans and objectives:

- The tours aim to push forward "clean recycling", and spread out the message of the importance and the need of proper and clean recycling.
- Different green tours involve participants from different constituencies, for example, residents from public and private housing, district councils and schools, in order to help them learn the local recycling industry and actions they can take.
- The tours allow the public to have a close look at the logistics, process and facilities needed for waste recycling, and encourage them to provide their support for recycling and practice waste reduction from source.



Achievements:

- The events have been hosted since 2014 and by the end of 2017, the WGO had organised 51 green tours in total, with 3,000 participants involved.
- The tours have involved a wide range of locations. In addition to T.Park at Tuen Mun, visits include Kowloon Bay Plastic Sorting Centre, Caritas Computer Workshop, Energizing Kowloon East Office, the visitor centre at the EcoPark, Yan Oi Tong EcoPark Plastic Resources Recycling Centre, St. James' Settlement WEEE GO GREEN, Jordan Valley Park, Sha Tin Community Green Station, and Eastern Community Green Station, etc.
- Students who participated in the guided tours indicated that they had learnt more about recycling process and other things requiring attention through their experience. They also promised to share what they learnt with their families and hoped to become a part of green and low-carbon living.
- More than 80% participants believed that guided tours could enhance their knowledge about environmental protection and local recycling issues, and such tours could encourage participants to change their habits and reduce waste.



Staff from the community green station explained effective recycling.



Students learnt how recycled items could be categorized from display boards.



Students engaged in recycling and categorization, and deepened their understanding about the industry.



Students made environment-friendly handkerchiefs after joining the workshop.



Students had a group photo at the community green station.

5 . Green PolyU Awards – Green Office Scheme



Social issues:

- As one of the universities in Hong Kong, Hong Kong Polytechnic University has always pursued progress. With the goal of sustainable development, PolyU has invested a great quantity of resources to infrastructure and facilities.
- PolyU has not only raised its standards of teaching, learning and research, but also established partnership with the WGO since last year, in the hope of introducing more objective standards for the pursuit of excellency.



Action plans and objectives:

- The Scheme aims to increase staff's knowledge of green office and environmental protection awareness through seminars, visit to green offices and recycling facilities, and workshop training, etc.
- The Scheme also provides guidance for the operation of green offices, enhance staff's ability and skills for making a greener office.
- The Scheme gathers green officers from every schools, departments, divisions, and offices to speed up environmental protection in offices by executing environment-friendly measures and sharing experience.
- The Scheme arranges green tours for staff at the IWS Environmental Education Centre. Staff can observe the Centre's systems of waste management, waste electrical and electronic equipment (WEEE), plastic recycling, and learn about the recycling process of paper, plastic, glass, and waste electrical and electronic equipment.
- The Scheme awards schools, departments, divisions, and offices who make effort to build green offices.



Achievements:

- There were three seminars, two workshops and one tour organised in total, which allowed staff to exchange ideas about energy saving, water saving, waste management, green procurement. Details are as follows:
 - i. Seminars:
 - 19 Jan: Seminar on building green offices – for green offices and staff members
 - 26 Jun: Seminar on Green PolyU Award Presentation Ceremony – 2nd Phase of Green Office
 - 31 Jul: Seminar on low-carbon operation – Climate Change, Energy, Water Resource Protection, 3R and Green Procurement
 - ii. Workshops:
 - 16 Feb: Workshop on green efficiency and green office auditing
 - 27 Apr: Workshop on categorization of domestic waste source
 - iii. Tour
 - 16 Nov: A tour of 30 staff members to Kowloon Bay Plastic Sorting Centre
- Many staff members received the "Individual Award Scheme – PolyU Eco-star Award".



The Scheme increased staff's knowledge of green office and environmental protection awareness through seminars, visit to green offices and recycling facilities, and workshop training, etc.



Dr. William Yu, CEO of the WGO was invited to PolyU Campus Sustainability Weeks as a guest.

6. Great Eagle Holdings Ltd. x the World Green Organisation “A Green Scheme for Resource Sharing – Green Sharing Ambassadors”



Social issues:

- According to the figures from Environmental Protection Department, among the 10,159 metric tons of municipal solid waste in 2015, plastic and foam food containers accounted for 180 metric tons, in spite of the light weight of these materials. That represents the enormous amount of disposable cutlery such as plastic knives, forks, spoons, wood chopsticks, foam food boxes and paper cups, etc., thanks to the local fast food culture.



Action plans and objectives:

- The Scheme calls for “Green Sharing Ambassadors” from secondary schools and universities. There are workshops and tours to local waste processing and recycling facilities based on the theme of waste handling in Hong Kong, which will deepen their understanding about waste management, challenges faced by the recycling industry, and waste management and solutions.
- After the ambassadors complete their training, they will work on voluntary service for environmental protection and bring the same messages to communities by putting what they learn about resource sharing and waste reduction and reuse into practice.



Achievements:

- The Scheme has been held for three consecutive years and trained up to 150 Green Sharing Ambassadors, who have helped and promoted environmental protection. In 2017, 50 students participated in the tours to visitor centre at the EcoPark, T.Park, Kwun Tong Community Green Station, Zero Carbon Building, and Kowloon Bay Plastic Sorting Centre etc. The tours have enhanced young people’s knowledge about the environmental protection industry in Hong Kong and helped them practice green lifestyle.
- In response to BYOC (Bring Your Own Cutlery) newly released this year, ambassadors went to nine areas including Mong Kok, Kwai Fong, Causeway Bay, Central, and Wan Chai, etc., and reminded around 1,000 citizens about the negative results of overusing disposable cutlery. They encouraged people who were on their way to buying fast food to sign the “A Promise to Use Environment-friendly Cutlery”, and promise to use less disposable cutlery. They were given a set of environment-friendly cutlery for reuse in the future.
- Ambassadors went to the wet markets at Tuen Mun and Shek Kip Mei for two times and collected leftover and eatable fruits and vegetables, which were attentively sorted and selected before delivered to the elderly and people in need. That has prevented the waste of food and also promote resource sharing, for building up a community with care and communion.
- The “Cherishing and Swapping Carnival 2017” held in Kowloon Bay Zero Carbon Building on 10 September has attracted over 1,000 with 1,500 items for swapping. Also, the ambassadors have joined the communities’ bartering and swapping stalls for six times from July to September in different locations such as Yuen Long, Mong Kok, Kwun Tong and Kwai Chung, etc. The items without new owners were delivered to HKSKH Lady MacLehose Centre for continuing searching for suitable owners, which matched the goal of “making the most of everything and sharing resources”.



A group of students from secondary schools and universities with the passion for environmental protection, participated in different workshops and visited different environmental protection sites in person in order to fully understand the waste management and recycling in Hong Kong.



After students became the Green Sharing Ambassadors, they walked into communities and engaged in the voluntary service for the communities' resource sharing platform.



The Green Sharing Ambassadors walked through different regions and encouraged people to practice "Plastic and Foam Free Action".



In response to this year's slogan of "BYOC", the Green Sharing Ambassadors gave away environment-friendly cutlery, which was very popular among many citizens.



The guest of honor Mr. Tse Chin-wan B.B.S., J.P., Deputy Secretary of the Environment Bureau cheered for the Green Sharing Ambassadors and hoped that they could turn what they had learnt into sustainable daily habits.



Although it was a harsh task to collect surplus and unsold vegetables, ambassadors said that it was worth the efforts to help others.



Guests presented the items they had bought for exchanging in the support of environment-friendly swapping.



Guest performer Supper Moment's excellent performance took the event to its high tide.



A favorite item does not necessarily have to be brand new. Many people found "treasures" in the secondhand market.



The past and current Green Sharing Ambassadors shared their experience with guests and promised they would practice what they had learnt.



The "Cherishing and Swapping Carnival" attracted the participation of a whole family.



Adults and children were learning attentively how eco-friendly materials were upgraded to useful items.



Citizens signed and promised they would use eco-friendly cutlery instead in order to reduce foam items for the landfills.



7. Senior Management of Cambridge University Visited Hong Kong

Professor Ian Leslie, Senior Adviser to the Vice-Chancellor at Cambridge University visited Hong Kong on 11 August. Together with Dr. William Yu, professor of HKU and CEO of the WGO, Professor Ian Leslie had a meeting with the Office of the Government Chief Information Officer.



8. HKFSI – Training for Shenzhen Department of Environmental Protection

Dr. William Yu, CEO of the WGO provided training for 20 participants from Shenzhen Renju Environment Committee and other areas, introducing and sharing experience of pollutant reduction, prevention and management for air, water and soil in Hong Kong.



9. Seminar on Municipal Solid Waste (MSW) jointly hosted by the Environmental Protection Department and the Hong Kong Green Building Council

Construction waste is one of the sources of MSW. Before the implementation of the relevant charging scheme, the Environmental Protection Department and the Hong Kong Green Building Council co-hosted a seminar at Hong Kong Productivity Council in Kowloon Tong on 4 December.

Mr. Wong Kam-sing, GBS, JP, Secretary for the Environment explained the details of the scheme. Dr. William Yu, CEO of the WGO was invited to give an address as the representative of supporting organisations. Together with other speakers from Swire Properties, Airport Authority Hong Kong, The Hong Kong Association of Property Management Companies, Federal Restaurant Group, Hong Kong Productivity Council, Dr. Yu shared his experience and exchanged views with participants from 18 developers, 113 shopping malls and 427 commercial tenants.



10. Seminar on Municipal Solid Waste Charging Hosted by Hong Kong General Chamber of Commerce (HKGCC)

Although many citizens supported the implementation of "Municipal Solid Waste Charging", there were a lot of concerns about the scheme. As a result, Hong Kong General Chamber of Commerce invited Mr. Wong Kam-sing, Secretary for the Environment to the seminar on "Municipal Solid Waste Charging: When and How" held in HKGCC Lecture Hall on 22nd Floor of United Centre, Admiralty.

Other invited speakers to shared their views on the Scheme including included the CEO of the WGO Dr. William Yu, Senior Manager of Sustainability of Airport Authority Mr. Mike Kilburn, Director of Development of the Business Environment Council, Mr. William Lin, Executive Director of HKGBC, Ir CHAN Wing-hong Cary, and the CEO of Wings Trading (HK) Co., Ltd., Mr. Benson Pau.



11. The 10th Hong Kong Book Prize

Environmental protection does not only rely on verbal words, but also written words. The CEO of the WGO Dr. William Yu was again invited to be one of the judges in the Hong Kong Book Prize hosted by RTHK. The Hong Kong Book Prize has been held for 10 years since 2007, aiming to “promote quality reading and award excellent Chinese books” and encouraging publishers to continuously work on a variety of excellent Chinese books.



12. MacLehose: "Save for More, Love to all" Sustainable Social Development and Care Project

Communities have had insufficient knowledge about energy poverty, let alone solutions in response to the problem. The WGO was the partner of the "Save for More, Love to all" Sustainable Social Development and Care Project. The CEO of the WGO Dr. William Yu shared information about every saving and tips about power saving at the “Green Carnival”.



13. Dr. William Yu as a visiting lecturer in a master programme at HKU

The wealth of Hong Kong might be somehow misleading and people tend to believe Hong Kong people have nothing to do with poverty. However, there are a lot of households suffering from energy poverty in many rich countries apart from Hong Kong. Based on western experience, if the expense on energy exceeds 10% of a household's total income, it can be defined as a “energy poor” household. The CEO of the WGO Dr. William Yu was invited to HKU as a visiting lecturer and shared the energy policies of Hong Kong with students in a master programme.



14. Dr. William Yu as a visiting lecturer of EMBA programme in CUHK

Business leaders need to learn about the concept and strategies of sustainability, understand that the operation of businesses might have influence on the environment. Businesses should work with NGOs and environmental organisations, and shoulder their social responsibilities.



15. Hong Kong ICT Awards 2017 – Dr. William Yu as the chief judge of the Best Lifestyle Grand Award

Science and environment are not in conflict with each other. It has been the 11th year since the establishment of the Awards in 2006 thanks to the collaborative efforts of the industry, academia and the Office of the Government Chief Information Officer. The Awards aim to build an internationally acclaimed brand of ICT awards.



This year, Dr. William Yu, CEO of the WGO was again invited to be the chairman of the judging panel for the group “green, health, creativity” for the Awards, in order to push forward green information and communication technology.

16. Dr. William Yu as the keynote speaker at East Forum 2017 on the topic of “green technology and ecocities”

This year, the 13th East Forum was held on 25 July, with the theme “green technology and ecocities”. The CEO of the WGO, Dr. William Yu was invited to share his views on energy economy and climate change with around 150 youth leaders from over 20 well-known universities in Hong Kong and mainland China and other members of the Forum.



17. PolyU's Social Innovation Forum and Good Seed Award Presentation Ceremony

PolyU launched the Good Seed Programme in 2015 for assisting young entrepreneurs. The programme screens qualified social innovation project and provides support accordingly. The Forum this year has attracted many young people with its theme “Youth Power: Dare to Dream, Dare to Change”. The CEO of the WGO, Dr. William Yu was invited to the Social Innovation Forum and Good Seed Award Presentation Ceremony on 25 February, and had a great chat and discussion with many young people.



18. FuturArc Forum

Green architecture has been a global trend. The CEO of the WGO, Dr. William Yu was invited to the FuturArc Forum 2017 hosted by BCI Asia and shared his views on health index and energy efficiency for the development of future architecture.



What We Did
Community Involvement



Community Involvement

1. Green WALK HK



The 2nd Green WALK HK continues to motivate people to walk instead of using transportation.



Social issues:

- Citizens in Hong Kong tend to use public transportation thanks to the well-developed transport system. What we have to pay for are the increase of carbon dioxide emission, climate change speeding up, and the worsening air quality. All of these have posed a threat to our health.
- According to the WGO's survey on "Hong Kong People's Walking Habits" conducted in 2017, more than 70% survey participants expressed their preference to walking instead of using transportation, while there was a 10% decrease compared with last year's 80%. It is believed that extreme weather and air quality are a part of the reasons, and it is indicated that many people have learnt the impact of extreme weather on their daily lives.
- Listed as the best exercise in the world by the World Health Organization, walking is a convenient and mild aerobic exercise that we can do any time without demanding fitness requirements or especial equipment or locations. Comparing with strong exercise like long-distance running, walking reduces the burden of heart, and even the elderly or kids can do it on a daily basis.
- According to some studies, 8,000 steps of walking can burn 235-329 calories and reduce 1.6kg of carbon emission. Also, that does not only help with the health of bones, improve immune systems and build up resistance to emotional disorder, but also reduce carbon emission, mitigate climate change and environmental pollution. Therefore, the government has tried to promote Hong Kong as a walkable city.

i. Green WALK HK – the free mobile app



Action plans and objectives:

- The free mobile app launched last year is handy for people to check their daily steps and calories burned, and also it provides the carbon reduction index in order to encourage people to walk instead of using short-distance transportation. It helps reduce carbon emission and also benefits people's health.



Achievements:

- The App has been downloaded over 1,500 times.



The free mobile app Green WALK HK does not only record users' daily steps and the calories they burn, but also calculate the carbon emission they reduce by walk without using transportation.

ii. The opening ceremony of Green WALK Hong Kong 2017



Action plans and objectives:

- The event encourages citizens to cultivate the habit of walking instead of using short-distance transportation.
- The results of "Hong Kong People's Walking Habits" survey 2017 will be published and compared with the ones in 2016.
- The ceremony will announce the Green WALK Score which is under development and tailor-made to Hong Kong people. The Score will provide measurements of the walkability of different routes for pushing forward environmental protection and promoting Hong Kong to be a green "walkable city".
- The ceremony encourages citizens to explore the fun and benefits of walking with the slogan "anytime, anywhere – let's build a low carbon lifestyle by walking". It aims at creating an enjoyable and healthy holiday at slow pace for everyone.



Achievements:

- The opening ceremony was held on 20 August 2017. Dr. Mak Yiu Kwong Gary, former President of Hong Kong Association of Sports Medicine and Sports Science, and Cardiology Specialist, shared the benefits that walking could bring for our health.
- Ng On-yee, notable female Hong Kong snooker player, and Lau Mo Sheung, Grace, the karate champion of Hong Kong - representatives from the sports circle, shared their experience of walking and called for joint effort at environmental protection from the public.
- The published results indicated that Hong Kong people seemed to value the functionality of walking (e.g., walking to work or after work), instead of considering it as a type of exercise.
- The percentage of citizens who were in favor of the Green WALK Score was up to 60%, which might be attributed to the Score's contribution to environment and people's health.
- The opening ceremony recommended five major themed walking routes, which might encourage walking in replacement of short-distance transportation and practicing low-carbon lifestyle.



Dr. Yu and guests recommended five of the themed walking routes.



In addition to athletes and doctors, the opening ceremony was also supported by representatives from corporations and the media.



Dr. William Yu announced the results of the walking survey this year and pointed out that extreme weather might have demotivated people to walk.



Dr. Mak Yiu Kwong Gary, former President of Hong Kong Association of Sports Medicine and Sports Science, and Cardiology Specialist shared the benefits that walking could bring for our health.



Miss Ng On-yee, notable female Hong Kong snooker player, and Miss Lau Mo Sheung, Grace, the karate champion of Hong Kong called for joint effort at environmental protection from the public.



iii. Green WALK @ Schools – Mask Making and Walking Contest for Endangered Animals



Action plans and objectives:

- Environmental education should start at a young age. The programme invites teachers and students from different schools to walk around their campus with a goal of 2,000 steps, and encourage them to walk more instead of taking short-distance transportation.
- The first Mask Making and Walking Contest for Endangered Animals aims to deepen students' understanding about the impact of climate change on endangered animals. The programme invited professional designers to host workshops in schools, and teach primary school students to make delicate masks based on the images of endangered animals.



Achievements:

- The event was supported by Architectural Intelligence Association Limited and invited professional designers as volunteers to teach students and help them design and make their unique masks, which underlined the profound impact of climate change brought to endangered animals.
- Over 10 primary schools sent their teams for the Mask Making and Walking Contest for Endangered Animals, and also around 5,000 people joined Green WALK @Schools and walked for our future.

Awardees:

Champion: Shatin Tsung Tsin School Pangolin Rescue Team (Chinese pangolins)

1st runner-up: Immaculate Heart of Mary School No Hunting & Pangolin Protection Team (Chinese pangolins)

2nd runner-up: Shatin Tsung Tsin School Happy Paramesotriton (paramesotriton hongkongensis)

My favorite animal costume: Immaculate Heart of Mary School No Hunting & Pangolin Protection Team (Chinese pangolins)

The best team: Immaculate Heart of Mary School Spoonbills Protection Team (black-faced spoonbills)

Excellent team: Baptist Rainbow Primary School The Jade of Ocean – Hawksbill Fighters Team (hawksbills)

Excellent team: Kwai Ming Wu Memorial School of The Precious Blood Raccoon Team (racoons) and Panda Team (pandas)



Professional designers taught students in person in schools to make masks of endangered animals.



The champion went to Shatin Tsung Tsin School.



Another team from Shatin Tsung Tsin School was the 2nd runner-up.



Coincidentally, Immaculate Heart of Mary School became the 1st runner-up with their Chinese pangolin masks.



Contestants wearing their masks tailored made for the contest introduced the animals they acted as at the stage, which attracted judges' attention.



Other students had special environment related games and at the same time learnt environmental protection knowledge.

iv. Green Walk with Leaders



Action plans and objectives:

- The event Green Walk with Leaders invites government officials and community leaders to participate and get to know the measures of the Green WALK Scores. It is hoped that the first Green WALK Score pilot scheme provides the public with objective measurement of the walkability of different roads.



Achievements:

- The Green WALK Score pilot scheme has synthesized ten indicators from four directions, namely comfortability, accessibility, enjoyment, and environment-friendly level. Citizens could easily get access to different roads' walkability and would be attracted to walk more.
- The event has invited Dr. Chui Tak-yi, JP, Under Secretary for Food and Health, and Mr. Luk Fuk-man, Kevin, Programme Manager (Walkability) of Transport Department; other guests included city planning experts, certified arborists and community leaders.
- Walking from the downtown of Mong Kok to King's Park Playground at Jordan, guests were demonstrated the measurements of the ten indicators of the Green WALK Score while passing through certain checkpoints.
- The WGO summarized its experience in the Scheme and would gather more views from professionals and stakeholders, in the hope of optimizing and formulating more objective and balanced measurement to perfect the Green WALK Score.



The Green Walk with Leaders has invited Dr. Chui Tak-yi, JP, Under Secretary for Food and Health, and Mr. Luk Fuk-man, Kevin, Programme Manager (Walkability) of Transport Department, and other community leaders to experience the Green WALK Score pilot scheme.



Utilizing the walking event, Dr. William Yu demonstrated for the officials, guests, and experts how equipment could be used to collect data and calculate scores of the routes.



Leaders walked through different locations and reached the destination at the scenic King's Park Playground.

v. Green WALK HK Ceremony and Green Carnival



Action plans and objectives:

- In the style of carnival, the event invites the public to join the Green WALK HK and bring the message of walking without using transportation to their communities.
- The event encourages the public to explore scenic walkable places around them and walk for exercise for the sake of environmental protection and their individual health.



Achievements:

- The Charter Garden in Central witnessed another walking event hosted by the WGO on 5 November 2017 – the Green WALK HK ceremony and Green Carnival for the recognition of the support from enterprises and their staff, and teachers and students.
- Special guests invited for hosting the Ceremony with CEO of the WGO Dr. William Yu, included Mr. Wong Kam-sing, GBS, JP, Secretary for the Environment, Prof. Raymond So, Under Secretary for Transport and Housing, and Miss Lau Sum-yee, Sharon, Assistant Director of Aviation Weather Services Branch of Hong Kong Observatory. Other VIP guests were Sammy Leung, Vince Ng as the host, and mascot Big Waste.
- Dr. Yu announced that the route from Bank Centre Mong Kok to Cherry Street Park got a medium score of 63 points based on the Green WALK Score, which implied that many roads and streets in Hong Kong required further improvement for attracting more people to walk.
- The green market in the event was featuring stalls with elements of STEM (science, technology, engineering and mathematics). The green market invited over ten organisations with more than 20 stalls opened for the public, which had attracted many people to participate.



Guests including Mr. Wong Kam-sing, GBS, JP, Secretary for the Environment, Miss Lau Sum-yee, Sharon, Assistant Director of Aviation Weather Services Branch of Hong Kong Observatory, Green WALK HK ambassador Sammy Leung, and CEO of the WGO Dr. William Yu fired up the Corporation Green WALK together with the Big Waste.



There were many environmentally friendly stalls for the public's participation.



Green WALK HK ambassador Sammy Leung had a funny selfie with Secretary Wong.



All guests and students had a group photo with the Big Waste.

vi. Corporation Green WALK



Action plans and objectives:

- The event aims to promote walking instead of short-distance transportation.
- The event hopes to encourage staff to participate in walking exercise and enjoy relaxation, which might improve their physical and mental health and, benefit their corporations.
- The event allows staff to learn about how walking can reduce the emission of carbon dioxide, put green city into reality, and increase their environmental protection awareness and enhance team spirit.



Achievements:

- There were 12 corporations with over a hundred employees participating, who held the same goal and made effort for the environment.
- Over 10 teams joined different competitions and games, which had enhanced employees' awareness of environmental protection.



Many corporations were present in the support of Corporation Green WALK and participated in different games. Participants did not only have a great time, but also did more walking exercise.

鑽石贊助 Diamond Sponsors



白金贊助 Platinum Sponsors



珍珠贊助 Pearl Sponsors



黃金贊助 Gold Sponsors



支持機構 Supporting Organisations



2. WGO White List – Baby Products



Social issues:

- The recent quality issues of food, beverage or daily essentials have raised a lot of concerns among the public. Toxic products will jeopardize people's health. Problems have been detected even in baby and pregnancy products, which are commonly considered to be safe.
- It seems mission impossible for legislation to cover all the use of chemicals given that there are more than 87,000 chemicals used for commercial purpose, and also the terms of chemicals are numerous and sophisticated. Even though some products provide detailed instructions, the general public might still find it challenging to learn the benefits and drawback of all chemicals.
- We need higher safety standards for enhancing consumers' knowledge and make the final check for consumers' health and the environment.





Action plans and objectives:

- For higher safety standards, the WGO has authorized three internationally renowned laboratories to screen safer products which will be listed on the whitelist for consumers' reference. The testing methods are based on the "Three Defence Lines Approach", namely ingredient check, chemical testing, and biological testing.
- The whitelist aims to equip the public with more information and the wise decision made by consumers will motivate manufacturers, suppliers, and retailers to be more responsible for producing, supplying, or publicizing environment-friendly products that meet chemical, biological, and international ingredient health standards.
- Biological testing: samples were tested using mackerel killifish and zebra fish embryos and see if they contain estrogen exceeding WHO's standards and if there are other acute toxicants.
- Chemical testing: tests whether the samples contain methanol, free formaldehyde, and other heavy metals.
- Ingredient checking: tests whether the samples contain some of the 1,500 ingredients banned by US, EU, Japan and China.



Achievements:

- Since the launch of the project in the end of 2016, the WGO has announced six issues of whitelists, ranging from baby lotion, baby cream and balm, baby oil, and baby wash. There have been totally 180 samples passing the checking and tests.
- The WGO invited Dr. Szeto King Ho, Specialist in Emergency Medicine to explain "organic, additive-free, and natural" from the aspect of medical science. Another guest was the VIP mom Angie Mak, who shared her experience of shopping baby products.
- The WGO promoted the whitelist projects for parents and parent-to-be at the 10th Baby Show in Spring and Child Growth Education Expo held at Hong Kong Convention and Exhibition Centre from 24 to 26 February. According to data from the organiser, the event has attracted the attendance of 280,000.
- The WGO surveyed 151 parents and adults above 18 years old through an online survey from May to June. The results indicated that although some adults preferred using baby oil, they did not pay attention to the fact that herbal oil naturally extracted might also be toxic.
- The project brought up the aspects that could have been overlooked by consumers. For example, the fact that the toxicity of plants and chemicals might remain on skins, and the definitions of organic, natural and additive-free vary from regions. Those are misleading for consumers and call for the public's attention to product safety issues.
- The WGO will publish more whitelists on baby products for the public's reference.



For higher safety standards, the WGO has adopted the brand new "three defence lines approach", which comprise biological testing, chemical testing, and ingredient check.



The WGO invited Dr. Szeto King Ho to share his professional point of view and film star Angie Mak also talked about the "mommy's choice".



Film star Angie Mak told the host about her concerns when choosing baby products.



The products tested this time all passed the tests, meeting the safety standards and listed in the whitelist of baby products.



Dr. Szeto King Ho expressed his support for the "three defence lines approach".



The WGO did not only test sample products, but also brought up the issues overlooked by the public when they were choosing baby products, which led to public discussion and education.



The 5th whitelist published this year covers products that are commonly seen in our daily life, including baby lotion, baby cream and balm, baby oil, and baby wash.



The WGO ran a stall at the Baby Show, attracting a lot of people, who paid great attention to baby product safety.

Partnership:

Project leader



Biological testing and ingredient check:



Chemical testing



3. Health Carnival



Social issues:

- Although people are getting wealthier, they are also facing surging prices. That has been an issue for grassroot households especially when it comes to food, the necessity of our daily life.
- However, there was 10,345 metric tons of municipal solid waste dumped at the landfills in 2016, among which food waste took up 35% (around 3,600 metric tons), an increase of 6.5% than 2015, according to the statistics from Monitoring of Solid Waste in Hong Kong published by Environmental Protection Department.
- The increase of food waste was mainly caused in commercial and industrial sectors, and yet it cannot rule out the fact that people find it difficult to do estimation and often cause food waste.



Action plans and objectives:

- The WGO aims to understand Hong Kong people's eating habit, and help them learn to reduce waste in daily life in order to promote "eating wisely, cherishing food".
- The WGO hopes to teach people to differentiate "Best Before" and "Use By", so as to reduce food waste.



Achievements:

- Sponsored by the Hong Kong and China Gas Company (Towngas), the survey on Hong Kong People's Eating Habits was conducted by the CSG Group, authorized by the WGO. There were 505 citizens above 18 years old surveyed about their eating habits.
- Towngas also hosted the Health Carnival together with the WGO at Kowloon Bay Zero Carbon Building on 2 December 2017. The event reminded people to cherish food and reduce waste, and it helped people understand the meaning and method of cherishing food and put it into practice.
- The event was supported by around 1,000 guests and participants. The CEO of the WGO Dr. William Yu announced the results of the aforementioned survey, which revealed that people had the awareness of cherishing food, and yet it was easier said than done.
- The event put forward a few suggestions for the public and encouraged everyone to reduce waste from their daily habit for meeting the goal of cherishing food. For example, choose to eat the food that was bought earlier, take care of the one stored in fridge for the longest time, and take an affordable approach, etc.



The guest of honour Mrs. Vicki Kwok, Deputy Director of Environment Protection shared her views on the importance of cherishing food and waste reduction.



Guests held the slogans to remind the public about "eating wisely and cherishing food".



Towngas' VR game "Turning Waste into Energy" encouraged adults and children to learn about the garbage issues in Hong Kong and how Towngas made use of landfill methane for producing gas.



The display boards helped people learn how they could cherish food in their daily lives.



The stalls of food recycling enabled parents and children to experience the joy of cherishing food.



Sponsor:



煤氣
Towngas



The games hosted at stalls allowed parents and children to participate together and encouraged children to learn and prevent waste.

4. Create a Brighter Future – Photography Contest



Social issues:

- Lights do not only represent the future, but also a great sense of friendliness and intimacy among people. Regardless of the famous night view in Hong Kong, busy Hong Kongers can hardly make time and appreciate the scenic beauty around them. Gatherings with family, friends, and neighbours have become rare. We cannot help and reminisce about the friendliness and intimacy in the past.



Action plans and objectives:

- Co-hosted by the WGO and Future Lighting Collection Limited, the Contest with a theme about "a bright future and green environment" invites participants to photograph local people and their feelings, signature architects, living, city scenery and the Nature.
- The Contest aims to draw Hong Kongers' attention to people and environment around them, and encourage them to let go of their busy life and make time for the scenic beauty around, in the hope of helping them build up the attachment with the society and face their life with positive mindsets.
- Grouping: The Contest is divided into groups, namely family groups (students from kindergarten and primary schools and their parents), secondary groups, tertiary groups, and the public groups. The grouping reminds us that children or adults can all contribute to environmental protection. Each group will not only have a champion, 1st runner-up, and 2nd runner-up, but also "the most popular photo award". Judges will select 24 awardees and the results will be announced in the award presentation ceremony in 2018.
- Future Lighting Collection Ltd. also donates \$5 to the WGO for each participant for the purpose of environmental education.



Achievements:

- The opening ceremony was held on 17 March 2017 at Langham Place Hotel and Ms. Florence Hui Hiu-fai, Under Secretary for Home Affairs was the guest of honour. The CEO of the WGO Dr. William Yu was invited to share his views on energy poverty.



Ms. Florence Hui Hiu-fai, Under Secretary for Home Affairs gave an address and announced the opening of the contest with other guests.



All guests had a group photo after the luncheon.

Organiser :



5. "Cherishing Food with One Heart"



Social issues:

- According to the survey about Hong Kong people's eating habit conducted by the WGO, only 6% of the survey participants could finish all the food when dining in, and more than 85% created leftovers every meal.
- Over half of the survey participants indicated that they would toss the leftovers away for of many reasons and that would cause a huge amount of waste. Also, food waste as a part of the solid waste will increase the pressure of landfills.
- Cherishing food can not only address environmental problems, but also reduce waste. It has become a social issue drawing environmental protection groups' attention.



Action plans and objectives:

- Co-organised by Mou Mou Club and the WGO, "Cherishing Food with One Heart" allows customers to enjoy their hotpot buffets without wasting food by means of warm reminders and promotions. It hopes to raise the public's environmental protection awareness, treasure our resources, and make their contribution to the environment.
- Slogans and promotional advertisements are placed at noticeable locations. Waiters or waitresses will not clean up empty dishes but encourage customers to use them for getting new food so as to reduce the usage of water as well as polluted water in the process of dish washing.
- Awards will be given to customers who are able to finish all their food on the table. They can exchange a green coupon with the red card on their table, and enjoy HK\$10 off for dinner and HK\$5 off for lunch next time.



Achievements:

- The WGO hosted a workshop "smart reuse of used coffee grounds" about natural tie-dyeing method. The workshop taught participants to turn seemingly useless coffee grounds into dyestuff and paint small pieces of white cloth with beautiful flowers, which participants could keep as a souvenir.
- In the end of the workshop, the mascot Mou Mou from Mou Mou Club showed up as a guest and had photos with participants.



Inside Mou Mou Club, stickers on the tables reminded customers about cherishing food.



Around 30 customers learnt dying techniques in the workshop "smart reuse of used coffee grounds" about natural tie-dyeing method.



Mou Mou showed up in the workshop as a surprise and participants asked for a photo with it.



What We Did
Environmental Policy
Research and Advocacy



Environmental Policy Research and Advocacy

1. LED (light-emitting diode) Street Lights – Potential Risks on the Environment and the Power Industry Press Conference



Social issues:

- The “Hong Kong Climate Action Plan 2030+” released by the government in January states that by 2030 Hong Kong will have reduced its carbon emission by 65% to 70% compared with 2005. The government will replace the existing street lights with energy-saving LED lights in order to reduce the use of energy and the emission of carbon.
- However, the WGO has found that outdoor LED lights are easily affected by the weather such as rain and thunderstorms, resulting in heat dissipation problems, harmonic distortions (noise), or even lightening strikes. Their lifespan could become shorter as a result, which means their components need to be replaced, causing an increased amount of e-waste and affecting the environment, as well as the stability of the power grid.



Action plans and objectives:

- The press conference aims to put forward the environmental issues caused by the new technology of LED and draw the society's attention to safe and proper use of LED lights.
- Referring to international standards and industrial experience, the WGO provides feasible suggestions for government and industries, in order to achieve a win-win situation - safe use and emission reduction.



Achievements:

- The WGO suggests increasing the capacity of filters in the SMP, or using a similar HID lamp design which adopts a passive type driver without an active oscillating circuit, so as to reduce the interference of harmonic.
- It has also suggested that the outdoor LED light design should place the power supply system away from the light source module for the prevention of poor heat dissipation and easy access for repairs and maintenance.
- The WGO also recommends the cooling fins design to be used at the bottom part of the LEP lamp, which allows any potential buildup to be removed by strong winds and rain. Another solution is to use a large smooth surface of metal as the LED light source. High quality of LED light source module chip and heat sink can also be considered.



The CEO of the WGO Dr. William Yu pointed out that it had been an inevitable trend to replace HID lamps with LED lamps for the purpose of energy saving. The problems that might be caused by LED lamps cannot be overlooked, or it may lead to environmental pollution.



Guest from Synergy Lighting Ltd. Mr. Liu Man Ong, Senior Product Manager, introduced reasons for the risks of increased noise.



Regarding the issues about stable power supply and heat dissipation, the WGO proposed three solutions for discussion and inquiries.

2. Residents from Inadequate Housing in Kwai Chung Facing Energy Poverty



Social issues:

- Many grassroots have to live in small rentals such as sub-divided units or cage homes due to the sky-high property prices. Without windows, residents have to turn on air conditioner because of poor ventilation and afford high electricity tariff.
- The WGO has found that there are over 14,000 households, whose expenditure on energy (i.e., power and gas) exceed 10% of their total income. That is to say, in every six families, there is one energy-poor household. Most of them are inadequate housing residents.



Action plans and objectives:

- The WGO, HKSKH Lady MacLehose Centre, and Department of Buildings Services Engineering of Hong Kong Polytechnic University conducted a survey on "indoor environmental quality of inadequate housing in Kwai Chung and water and power charges". During the visits to sub-divided units, cage homes, bedspaces, cubicle apartments, or rooftop structures, the indoor environmental quality was tested. The survey reveals the issues of inadequate housing to the public.
- We interviewed households about their consumption and bills of water and electricity to provide feasible solutions of cutting down bills and suggestions of measures to the government to alleviate energy poverty.



Achievements:

- The survey on "indoor environmental quality of inadequate housing in Kwai Chung and water and power charges" was conducted on the 4th quarter of 2016 with 134 grassroot households in Kwai Chung participating. The results were announced on 27 June 2017.
- The survey revealed that the surveyed households suffered from poor indoor air quality, with particulate matter and carbon dioxide exceeding standards.
- The indoor wind speed of 76% surveyed households was 0.3 meter/second, much lower than 1 meter/second suggested by the Planning Department. Also, 46% survey participants indicated that they felt stuffy, hot and even suffocated. The results showed that the indoor ventilation was worrisome.
- The poor convection of air allowed particulate matter and carbon dioxide to suspend inside. The average density of PM_{2.5} reached 54 µg/m³ in the surveyed households. Some units had the density of 104 µg/m³, three times higher than standards.
- The average carbon dioxide of the surveyed units was 1002.1ppm, and 42% exceeded 1000ppm. The highest even reached 2614ppm, four times higher than standards.
- The survey has shown that there were 24.6% households suffering from energy poverty, an increase of 4.6% than last year. Energy poverty is worth more attention.
- The Organisation suggests that allowances can be given to any household in need through the Community Care Fund for purchasing energy-saving appliances. Also, residents can be taught the measures for saving energy, for example, to avoid using electric kettle or stop its function of keeping warm, and use a smaller kettle instead.
- The government should also consider installing isolated ammeters and improve the old power supply system for the sub-divided units, in order to improve power supply safety and reduce energy waste.



The WGO, cooperating with HKSKH Lady MacLehose Centre, and Department of Buildings Services Engineering of Hong Kong Polytechnic University, held a press conference for the survey on "indoor environmental quality of inadequate housing in Kwai Chung and water and power charges" on 27 June, 2017.



Dr. William Yu, CEO of the WGO, Mr Jonathan Chan Ching-wa, Senior Service Coordinator of HKSKH Lady MacLehose Centre, and Dr. Mui Kwok Wai, Associate Professor of Department of Buildings Services Engineering of PolyU, presented the equipment for measuring particulate matter and carbon dioxide in the survey.



All guests hoped that the survey results could attract the society's attention to energy poverty, and motivate the government to address grassroots' housing problem.

3. Synergy Energy Efficiency Index Press Conference



Social issues:

- According to the Energy Saving Plan for Hong Kong's Built Environment 2015-2050+ published by the Environment Bureau, using 2005 as the base the government has set a goal for reducing energy intensity by 40% and will take a variety of steps to enable the public to be more "energy aware" and "energy wise".
- Aiming to analyze the trend of energy consumption in Hong Kong, the WGO, sponsored by Synergy Group Holdings International Ltd., has collaborated with the Department of Management Sciences of the City University of Hong Kong and developed the Energy Efficiency Index (Hong Kong) by employing scientific methodology – decomposition analysis.



Action plans and objectives:

- Using the government's Hong Kong Energy End-use Data 2000 as a base, the index analyzes four factors influential in energy consumption, namely structural effect, activity effect, energy intensity effect, and weather. Accordingly, the index reveals the changes of energy consumption from 2000 to 2014.
- The index also analyzes the main contributors to electricity consumption and proposed feasible suggestions, in the hope of raising the public's awareness of energy saving and promoting Hong Kong as an "energy wise" and "low carbon" city.



Achievements:

- According to the findings, despite the fact the public's awareness has been raised and there has been on-going development in energy saving technology, the energy intensity in residential and commercial sectors has increased by 4% and 7% respectively compared to 2000. The index of both sectors has an increase of 7% than the one in 2013. The upward trend should not be neglected.
- Dr. William Chung, Director of Energy & Environmental Policy Research Unit, Department of Management Sciences of City University of Hong Kong, pointed out that the increase of residential electricity consumption might be connected with the government's electricity charges subsidies, which was launched in 2013. Also, Dr. Chung attributed the rise of electricity consumption in private housing estates to clubhouses.
- As for the commercial sector, the increase is mainly from other businesses and retailers, such as hotels, education, medical care, warehouses, public service, and railway stations, etc.
- Data centres are also worth our attention. As online shopping prevails and the Internet of Things has advanced rapidly, data centres are expanding fast. Daily operations such as cooling cloud servers have caused dramatic increase of electricity consumption.
- The Organisation urges data centres to take actions for reducing electricity consumption, and adopt recycling energy power supply system so as to reduce carbon emission.



Synergy Energy Efficiency Index (HK) press conference was held at the WGO office on 4 July 2017.



Dr. William Chung, Director of Energy & Environmental Policy Research Unit, Department of Management Sciences of CityU pointed out that many clubhouses in private housing estates were in large scale and some even opened for 24 hours with heated pools, which might cause remarkable increase in energy consumption.



The COO of Synergy Group Holdings International Ltd. Mr. Ken Cheng argued that because of the huge electricity consumption in data centres, their PUE (Power Usage Effectiveness) should be monitored, and united and tailor-made energy saving measures can increase energy efficiency as a whole.



Dr. William YU, CEO of the WGO warned that it would be very likely for data centres to use up the global power supply by 2030 given its growing rate, and actions should be taken in time.

4. No Paper Towels Awareness Day – Press Conference and Award Presentation Ceremony



Social issues:

- According to the findings of the survey on “2016 Urban Attitudes towards the usage of Paper Towels”, 650 tons of paper towels on average were discarded every day in Hong Kong, and the weight was equivalent to approximately 40 double-decker buses. That is to say, a great quantity of trees have to be logged and the pressure of landfills would be increased.
- Another survey about washroom hand drying habits published by the WGO in the end of 2016 shows that over 60% of companies surveyed were concerned about customers’ complaints about the reduction of paper towels. To encourage the commercial sector to use less paper towels, the WGO launched the “Wipe Out Paper Towels Charter”, supported by 80 shopping malls, commercial buildings, industrial buildings, residential clubhouses and offices. Participants promised to lower the usage of paper towels by 10% or above in the first half of the year, compared to the same period of last year.



Action plans and objectives:

- In collaboration with JCI Lion Rock again, the WGO conducted the survey of “2017 Urban Attitudes towards the usage of Paper Towels” in the streets and online. The findings will be compared with last year’s survey and see if people’s attitudes have changed in the hope of drawing people’s attention to the overuse of paper towels.
- The WGO also follows up the usage of paper towels for the participant company of the “Wipe Out Paper Towels Charter”, analyzes whether they have met their goals, and learn about the problems they face.
- The Ceremony will award individuals, organisations and the commercial sectors who have actively engaged in lowering usage of paper towels and also review the past events. The opening ceremony of environmental protection month for restaurants will also kick off at the same time. The “No Paper Towels Awareness Day” will be announced and established, calling for the public’s response.



Achievements:

- The press conference and award presentation ceremony were held at Dragon Centre in West Kowloon on 13 August 2017. Guests invited to the event included Mrs. Vicki Kwok, JP, Deputy Director of Environmental Protection, and three environmental protection ambassadors - famous signer Wong You Nam, Barry Yip, and Ronny Lay. The WGO, together with JCI Lion Rock announced 13 August as the No Paper Towels Awareness Day in order to encourage people to form a new habit of using less paper towels.
- The survey of 2017 Urban Attitudes towards the usage of Paper Towels was participated by 545 people above 18 years old. Compared with last year, the daily usage of paper towels per person has declined from 7.5 to 6 pieces, with a decrease of 1.5 pieces. Also, 35% survey participants chose to bring their hand towels and using hand dryers, an increase of 12% than last year. There were 57% using paper towels and the percentage dropped by 12%. The results have shown that the public’s awareness of using less paper towels has been increasing.
- In addition, around 90% survey participants implied that they would not make a complaint because there were no paper towels in shopping malls or public places, or ask for paper towels. That shows the great support of reducing paper towels for commercial tenants from the public.
- The Organisation has received responses from 34 companies participating in the “Wipe Out Paper Towels Charter”, among which 60% of the participants achieved their goals, and 15% reduced the usage of paper towels by 30%. The participants of the best performance even reduced paper towels by 70% or around 50%. Such accomplishments are really encouraging. As a reminder for the public about using less paper towels, the Organisation and JCI Lion Rock successfully invited 300 restaurants to place the stickers saying “paper towels cannot be recycled and think before using them” at over 1,000 locations and noticeable places in restrooms.



Dr. William Yu, CEO of the WGO spread out the message “bring your own towel” in different occasions.



Since paper towels take up 7% of the daily average solid waste, the reduction of paper towels plays a big part in reducing waste.



JCI Lion Rock and the WGO announced 14 August as the No Paper Towels Awareness Day. If we stop using paper towels for one single day, the usage of paper towels will be reduced by 75 metric tons, and that will save 1,200 trees and 1.5 million gallons of water.

5. Hong Kong People's Walking Habits Survey



Social issues:

- Many people prefer using transportation thanks to the convenient transport system in Hong Kong. However, the cost of convenience we have to pay for is the emission of a great quantity of greenhouse gases and air pollutants, which warm up the city and worsen the air quality, posing a threat to people's health.
- Busy Hong Kong people lack of exercise in general and have more risks of osteoporosis, so that strong exercises such as tennis and long-distance running might increase the burden of our hearts, and the worst case would be the sudden death for a heart-attack or acute heart diseases.



Action plans and objectives:

- The Organisation conducted a survey on the streets from July to August this year, in order to learn about the public's attitude towards walking replacing transportation, their walking habits and the reasons for not choosing to walk. Together with the Green WALK HK, the Organisation hopes to encourage people to walk instead of using short-distance transportation, practice low-carbon lifestyle, improve their health and the environment in an indirect way.
- The Organisation proposes setting a Green Walk Score for evaluating the green walking scores of different regions for the public's reference and promoting Hong Kong as a green "walkable city".
- The Organisation also designs "themed walking routes" to motivate the public to walk more. People cannot only enjoy walking, but also learn the history and culture of the communities.



Achievements:

- The Organisation surveyed 505 Hong Kong people above 18 years old. The results indicated that over 70% survey respondents preferred walking to taking transportation, a decrease by 15% than last year. It is likely that the decline was caused by high frequency of extreme weather, poor air quality, and hot weather.
- The survey also found that around 33% people surveyed did not reach the basic standard suggested by Leisure and Cultural Services Department (to do medium or above exercise for a minimum of 30 minutes, three days in a week). The percentage increased by 7% compared to last year's.
- Also, over 70% female and around 60% male survey respondents walked more than 30 minutes for four days or less than four days. There were 30% females who walked over 30 minutes for five to seven days, while males took up 4%, which might indicate that males were more willing to walk than females.
- The reasons for choosing to walk vary from females and males. For the reasons of walking instead of taking short-distance transportation, 45% females chose "killing time", while 37% males chose "exercising".
- With reference to exemplars from other countries, the Organisation proposed ten aspects for the Green WALK Score, which include air quality, air flow velocity, environment noise, green scope, resting space, routes for pedestrians, safety facility for pedestrians, road signs, pedestrian-friendly facilities, and waste management.
- The Organisation recommended six "themed walking routes" for the public's reference, including Lugard Road at the Peak, Central, Lok Fu, Yau Ma Tei, Sham Shui Po, and Tin Shui Wai.



Leaders from all walks of life including Dr. Chui Tak-yi, JP, Under Secretary for Food and Health, and Mr. Luk Fuk-man, Kevin, Programme Manager (Walkability) of Transport Department participated in Green Walk with Leaders on 17 October 2017, and tested the Green Walk Score in Mong Kok in person. Led by different leaders, it was hoped that walking could be introduced to communities.



Dr. William Yu, CEO of the WGO, Miss Ng On-ye, and Miss Lau Mo Sheung, Grace, karate champion of Hong Kong hosted the opening ceremony of Green WALK Hong Kong 2017.

6. Health Carnival and Press Conference for the Survey on Hong Kong People's Eating Habits



Social issues:

- There is a huge amount of food waste every day in Hong Kong. Apart from food waste from the commercial and industrial sectors, domestic food waste accounted for 65% of the total urban food waste in 2016. It is believed that it was related to the worsening situation of over buying and dumping food.
- According to the latest Monitoring of Solid Waste in Hong Kong 2015, although the food waste shipped to landfills reduced by 7.1% compared to 2015, there was still 3,600 metric tons of food waste discarded every day on average in 2006 in Hong Kong, taking up 33% as the largest category among the total municipal solid waste.



Action plans and objectives:

- The WGO authorized CSG Group to conduct a survey on the streets from July to August, in order to learn about the public's eating habits and analyze the reasons for the huge amount of food waste.
- It is hoped that the public understand the severe consequences of food waste, change their current bad habits in their daily lives, enhance the awareness of cherishing food, and promote and cultivate environment-friendly habits.



Achievements:

- The survey participants included 505 Hong Kong people above 18 years old. According to the figures, around 70% people felt guilty for dumping food, and yet over 85% survey participants and their families discarded edible food every week. Around 80% people surveyed disposed the food because it went bad, while 50% and 30% people threw away their leftovers and food that was about to expire.
- Around 20% participants disposed food for five times or above every week on average; 3% even threw food away more than seven times each week, which means they did so at least once a day. The issue was worth much attention.
- When asked about the solutions to reducing food waste, 65% people were willing to make or buy the right portion of food for the environment's sake. Over 45% people promised to pay more attention to the expiry dates. The results indicated that people had the awareness of cherishing food, but they were not determined enough to take actions.
- The survey also revealed one of the causes for food waste was that people might not know how to differentiate food labels. Although there have been promotion and education relating to the differences of "Best Before" and "Use By", the results might need to be improved. Over 50% people believed that after the date of "Best Before", the food was no longer edible and around 10% did not know at all that the food was still edible after the date of "Best Before".
- The Organisation suggested that people buy food based on their need and properly handle their food in the fridge. We should pay attention to the expiration date, preventing tossing expired food away. In terms of science and technology, we should learn from the smart labels used in Germany and UK, and people can tell whether the food expires or not by the colors on the labels and swelling of the package.



Dr. William Yu, CEO of the WGO presented the figures and analysis of the survey on Hong Kong People's Eating Habits.



Guests carried the signboards with healthy tips, helping the public learn to build their knowledge and habits of cherishing food.

7. 2018 Electricity Tariff Forecast



Social issues:

- Electricity tariff is essential expenditure for the public, so its increase will directly influence people's daily expenses.
- Although the two power companies have "remaining" fuel balance, the Organisation is concerned that there will be an increase in electricity tariff given the new assets to be booked, the retirement of old gas units, the decrease of fuel prices and electricity sales, etc.



Action plans and objectives:

- The electricity tariff is forecasted before the government announces its tariff adjustment of 2018.



Achievements:

- The WGO has forecasted an increase of 2.5% by HEC and 2% by CLP.
- Complying with the government's fuel mix change in 2020 (to increase natural gas portion from 34% to 50%), the two power companies will have new assets such as the natural gas unit (L11) and FSRU to be booked in 2018. Some coal-fire units will have replaced with new natural gas unit by 2030. These factors have contributed to the increase of electricity tariff.
- The other two factors include the high fuel prices and the drop of electricity sales. Despite that the new natural gas unit can start working in the latter half of the year, fuel supply still relies on the pricier old contract due to the limited capacity of the new unit. Also, the electricity sales of HEC and CLP in the first half of the year have dropped by 3.6% and 2.6% respectively. It is expected that the yearly electricity sales will decline by 1-2% compared with last year, which adds more pressure to tariff increase.
- The Organisation suggests that the two power companies should make good use of the remaining fuel balance and return the rate to the public year by year, in order to mitigate the pressure of price increase, maintain the tariff level, prevent significant fluctuation, and stabilize people's livelihood and economy.



The Organisation forecasts that it might help prevent price increase if the two power companies return half of the remaining fuel balance to the public.



The CEO of the WGO Dr. William Yu hopes that the two power companies take people's livelihood and the economy into consideration, and take actions to prevent fluctuation in the electricity tariff market.

What We Did

Overseas Planning and Work



Overseas Planning and Work

1 . St. James' Settlement –A Trip in Myanmar

Organised by St. James' Settlement and co-organised by the WGO and Hong Kong Myanmar Chamber of Commerce (HKMCC), "St. James' Settlement –A Trip in Myanmar" aims to cultivate communication between participants and people in Myanmar, deepen participants' understanding about Myanmar's culture, education, organic farming, social involvement, and local conventions, etc. The trip will pave the way for future service schemes.

From 12 to 17 February 2017, ten visitors including six experienced social workers from St. James' Settlement and the Secretary General (Myanmar) of the WGO arrived at Bagan Zone, an area rich in local culture, and started a six-day tour in Myanmar.

One of the highlights in the trip was the meeting with Mr. U Zaw Weik, Head of Myanmar Hotelier Association (Bagan Zone) and Mr. Shibah Uddin Ahamad, Director of Action Aid (Myanmar). Visitors learned the development of community colleges, tourism and communities at Bagan and Nyaung Oo. They also paid a visit to University of Yangon and Aung Myae ThuKha Monastery and learnt about local higher education and monastery education.



Participants were trying the Toddy Palm and talking with local people.



Participants visited Karaweik Palace and experienced traditional Myanmar performance and artistic culture.



Participants visited the local social enterprise M-Botquie at Bagan, and learnt about the development of local enterprises and the challenges they were facing.



Participants were tasting local gourmet food at the resting camp in their way to Bagan.



Participants had a face-to-face chat with local farmers and learnt about local agriculture.



Through a meeting with the people in charge of Aung Myae Thukha Monastery, participants learnt more about the monastery.

2 . University of Hong Kong – A Field Trip in Myanmar and Kunming

Inspired by "green belt and road strategy", the ten-day field trip started from 3 March to 12 March 2017, and was co-organised by the WGO, Hong Kong Myanmar Chamber of Commerce, Department of Geography and International Center for China Development Studies of University of Hong Kong. The trip was comprised of two days in Kunming and eight days in Yangon, Bagan, and Mandalay, which enabled 17 students to observe and learn about the newest development issues in mainland China, Myanmar and surrounding areas. The trip increased students' understanding about the economy, society, urban and suburban areas, environment, and tourism in these areas, encourage them to apply what they learnt in class to real life, and enhance their ability of observation and problem solving.

Highlights of the field trip included:

1. Students visited the local NGO that had called for rehabilitating and conserving wetland resources – Myanmar Environment Rehabilitation-conservation Network, to learn the approach of environment conservation taken by Myanmar and neighbourhood countries. Students also participated in tours based on communities and increased their knowledge about local village lifestyle and culture.
2. Students also visited Yangon Technology University to learnt about local education development, and joined exchanging activities at Myanmar YMCA.



Students from HKU met with students from different departments at University of Yangon.



Students visited the Shwedagon Pagoda.



Students visited Yangon Technology University.



Students had cultural and dancing exchange with students from Myanmar YMCA.



Students from HKU had a group photo with students from Myanmar YMCA.



Students were learning basket weaving in a village at Bagan.

3. The EMBA Program of the Chinese University of Hong Kong – Leadership in the New Era Myanmar Study Trip

Mr. Albert Oung, President of the WGO and Chairman of HKMCC, and Professor Chan Chi-fai Andrew, Director of EMBA program of CUHK led a team of 45 participants, including senior executive staff members, faculties and other staff from CUHK to Myanmar for the Leadership in the New Era Myanmar Study Trip from 14 March to 17 March 2017. Participants of the study trip learnt about the local need and business environment in person and studied the assistance schemes for Myanmar's development.

Participants indicated that they had benefited greatly and learnt more about the livelihood and culture of Myanmar through the meetings with representatives from Myanmar Banks Association, Union of Myanmar Federation of Chambers of Commerce and Industry, Myanmar Investment Commission, Myanmar International Terminal Thilawa, and Pun Hlaing Golf Estate in Yangon.



Participants had a meeting with senior officials from Myanmar Investment Commission.



The fellowship dinner and reception party in the evening of 16 March 2017 invited enterprise leaders, Myanmar Young Entrepreneurs Association (MYEA) and students of the EMBA program from Hong Kong and Myanmar to give an address and share their experience of the trip.



Mr. Albert Oung, President of the WGO and Chairman of HKMCC was giving a speech.



A group photo with members of the executive committee of Myanmar Young Entrepreneurs Association.

4. Hong Kong Myanmar Chamber of Commerce – Discovery Hong Kong & Marvel of Myanmar

Discovery Hong Kong & Marvel of Myanmar was organised by Hong Kong Myanmar Chamber of Commerce and Myanmar Chinese Chamber of Commerce, and fully supported by the Hong Kong General Chamber of Commerce, Hong Kong Productivity Council, Hong Kong Trade Development Council, and the WGO. This was the first time for a delegation of over 20 Myanmar government officials and enterprise leaders from different sectors to pay an official visit to Hong Kong in the last decade.

The event aims to seize the opportunities brought by “green belt and road strategy” and cultivate business cooperation between Myanmar and Hong Kong. During the visit from 27 March to 31 March 2017, the delegation had a meeting with Mr. Chan Mo-po, Paul, Financial Secretary. The delegation also participated in the seminar about the business opportunities of green belt and road strategy held by Hong Kong Trade Development Council. In addition, the delegation met representatives of enterprises in Hong Kong at the fellowship event hosted by Hong Kong Productivity Council and sought for cooperation opportunities.

To know more about the industrial and commercial sectors in Hong Kong and Shenzhen, and gain experience beneficial for the development of relevant areas in Myanmar, the delegation visited major trading landmarks of Hong Kong, including Cyberport, Hong Kong International Arbitration Center, Hong Kong Exchanges and Clearing, Hongkong International Terminals (Hutchison Ports), Hong Kong Monetary Authority, MTR Corporation Ltd., and Chinese Gold and Silver Exchange. The delegation also paid a visit to Shenzhen Technology Industrial Park and the Shenzhen Liaison Unit of Hong Kong Economic and Trade Office.



The delegation had a photo with Mr. Chan Mo-po, Paul, Financial Secretary.



The delegation visited different places for onsite investigation, and communicated with representatives from organisations in Hong Kong.



5. Visits to nine Ministers of the Republic of the Union of Myanmar – New Opportunities of the Green Belt and Road Strategy

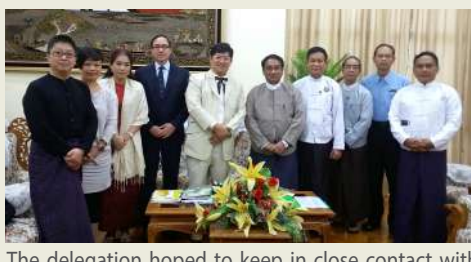
Mr. Albert Oung, President of the WGO and Chairman of HKMCC paid an official visit to nine important departments in Myanmar from 4 July to 12 July 2017, and had conversations regarding the “green belt and road strategy”. The nine departments included Ministry of Hotels and Tourism, Ministry of Commerce, Ministry of Construction, Ministry of Education, Ministry of Social Welfare, Relief and Resettlement, Ministry of Labor, Immigration and Population, Ministry of Religious Affairs and Culture, Ministry of Transport and Communications, Ministry of Planning and Finance.

In the meetings with different ministers and teams, a few items were proposed for facilitating sustainable development of Myanmar. The outcomes are as follows:

- to establish a “Hong Kong -Myanmar Tourism Development Council” and initiate new green movement in Hong Kong Myanmar,
- to promote green architecture concept, experience and techniques including “green smart concept”, and facilitate the development of low-carbon environmentally friendly architecture in Myanmar,
- to help Myanmar’s Ministry of Education and Hong Kong’s Education Bureau sign a memorandum, offer scholarship for students from Myanmar, and establish a few vocational training schools,
- to introduce reliable international investors and help facilitate green infrastructure and transportation projects such as eco-friendly electric vehicles and charging stations, and
- to provide advice on Myanmar government’s green economic policies, for example, to open energy centres and conduct projects about environmentally friendly cities.



A group photo with the Minister of Ministry of Construction H.E.U Win Khaing and his team.



The delegation hoped to keep in close contact with H.E.U Aung Htoo, Minister of Ministry of Commerce, for exploring cooperation opportunities.



A group photo with the Minister of Ministry of Religious Affairs and Culture H.E. Thura U Aung Ko and his team.



A group photo with the Minister of Ministry of Transport and Communications H.E. U Kyaw Myo and his team.



A group photo with the Minister of Ministry of Social Welfare, Relief and Resettlement H.E. Dr Win Myat Aye and his team.



A group photo with H.E. Tin Mg Win (third from the right), Chairman of Economic Committee of Parliament, and Congressman H.E. Nay Bu Ba Swe.



The delegation had a meeting and a group photo with H.E. Ohn Maung, Minister of Ministry of Hotels and Tourism for exploring cooperation opportunities.



A group photo with the Minister of Ministry of Labor, Immigration and Population H.E. Thein Swe and his team.



A group photo with the Minister of Ministry of Planning and Finance H.E. U Kyaw Myo and his team.

6. Dinner Party for CE Mrs. Carrie Lam and Her Delegation and Government Departments of Myanmar

The Chief Executive Mrs. Carrie Lam and her delegation visited important departments in Myanmar including Ministry of Hotels and Tourism, Ministry of Planning and Finance, and Myanmar Tourism Federation, etc. from 13 September to 16 September 2017. Mr. Albert Oung, President of the WGO and Chairman of HKMCC was invited to the dinner party.



The Chief Executive Mrs. Carrie Lam and her delegation had a meeting and photo with Mr. Robert Pe (first on the left), Advisor on Legal Affairs to Aung San Suu Kyi.



The Chief Executive Mrs. Carrie Lam and Yee Wyne Oo visited U.E. Li Yan Win, Chairman of Myanmar Tourism Federation and Honorary Chairman of Myanmar Tourism Department, and had a photo while accepting a souvenir.



Mr. Albert Oung, President of the WGO and Chairman of HKMCC had a photo with Chief Executive Mrs. Carrie Lam earlier at the 14th World Chinese Entrepreneurs Convention, Yangon.



Advisors from WGO Mr. Patrick Oung (first on the left), Ms. Shirley Ong (second on the left) and Mr. Jerry Jreary had a group photo with Chief Executive Mrs. Carrie Lam.



Mr. Albert Oung had a photo with Mr. Jonathan Choi Koon-shum, Chairman of the Chinese General Chamber of Commerce

Other Projects

1 . The 5th Anniversary Ceremony and Dinner Banquet

The WGO is now 5 years old! On the 5th anniversary, we invited over 500 government officials, representatives from the business sector, environmental groups and partners to get together in InterContinental Hong Kong on 7 November 2017.

Mr. Michael Lai, BBS, M.H., JP, Chairman of Board of Governors of the WGO, gave a welcome speech, followed by a second speech delivered by Dr. Raymond So Wai-man BBS, JP, Under Secretary for Transport and Housing. The guests of honours included Raymond Lee, JP, Director of Planning Department, Ms. Ada Fung, Deputy Director of Housing (Development and Construction) of the Housing Department, Mrs. Hui Ming Fong, Assistant Director of Buildings Department, Mrs. Alison Lau, Assistant Director of Environmental Protection Department, Mr. Chau Sai Wai, JP, Deputy Director of Water Supplies Department, Mr. Chan Kin Fung, Simon, Assistant Director of Agriculture, Fisheries and Conservation Department, Mr. Albert Ip, Vice Chairman of the WGO, Mr. Albert Oung, President of the WGO, and Dr. William Yu, CEO of the WGO.

“One Belt, One Road” initiative brought a lot of new chances. With the theme on “Green World through Belt Road – Love our Planet, save our Climate”, the anniversary ceremony and dinner banquet reviewed the “green” accomplishments in the last five years. Former Assistant Director of Hong Kong Observatory Mr. Leung Wing Mo shared his views on climate change. Mr. Albert Oung, President of the WGO presented Myanmar projects’ achievements and what students had learnt in the Myanmar study tour. The sharing inspired discussion and reflection among guests about the possibilities of cooperating with countries along the belt and road and the exploration of new direction.

On the way to the next five years, we expected joint efforts from all walks of life at tackling climate change, waste management and energy poverty, and promoting energy saving, reduction of emission, and green economy.



Guests of honour put candles on the large cake, which were props, signifying a happy 5th birthday to the WGO.



Over 500 guests were present in the ceremony and dinner banquet, and the 50 tables of guests and friends filled up the room.



Former Assistant Director of Hong Kong Observatory Mr. Leung Wing Mo, MC Ms. Akina Fong Kin Yee, singer Kandy Wong and Becky Lee, and Master Chef Wan Tat Kong were present in the support of the event. Their sharing and performance made the banquet even more lively.

2 . Donating Annual Reports to the University of Hong Kong

The annual reports of the WGO summarize the achievements of environmental schemes and education that the WGO has carried out in business sector, education and communities throughout the years, as well as survey results regarding different environmental issues. It was an honour to receive a letter of request from Hung On-To Memorial Library of HKU for the Organisation's annual reports from 2014 to 2016 for the purpose of teaching and research in the university. After the donation, the Organisation received a thank you letter from the Library.



Media Highlights



To promote public education, the WGO often works with different media. In the past year, the Organisation has been widely reported by the media about the policies we proposed and the events we promoted. Topics covered included climate change, energy saving and reducing carbon, eco-environment protection, electricity issue, energy poverty, waste disposal, green economy, and food cherishing, etc. Our concerns range from government policies and enterprises to livelihood.

By December 2017, CEO of the WGO Dr. William Yu and other co-workers had been a host or invited as a guest in TV and radio stations over 100 times, and they had also written newspaper and magazine columns. Apart from that, reports and articles about the Organisation's work and comments had been published by local and overseas newspapers, magazines, and digital media. It is hoped that through the power of media, green messages can be spread to all levels in the society for cultivating sustainable development, and creating a greener and more comfortable world.



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The Standard

Monday, March 12, 2018

Wrong prenatal vitamins harm babies

Phoebe Ng

Taking the wrong prenatal vitamins does more harm than good to your baby, a gynecologist warns.

Ivo Chen Siu-wan, an obstetrics and gynecology specialist, cited an example of the confusion over fish oil and fish liver oil.

"Omega-3 fatty acids in fish oil supplements are good for a baby's brain. However, fish liver oil is not recommended for pregnant women since its fat-soluble vitamin contents pose a greater risk of toxicity," she said.

In some serious cases, the use of fish liver oil can even result in birth defects.

"Supplements with fat-soluble vitamins—such as vitamins A, D, E and K—will be stored in the body, causing a heavier burden on the liver," she said.

Another potential risk in pregnancy is...

For instance, hospital prescriptions of folate supplements are normally five milligrams—12.5 times in excess of what a mother needs.

"That is why women should always check...

"It is always good to... women to... said. "Many do not get a... from their diet alone... eating habits or more...

Pregnant women should make smarter prenatal health supplement choices, say William Yu and Ivo Chen.

SCMP

No sweat as walkers dodge the heat

Extremely hot weather has deterred Hongkongers from walking instead of taking public transport, a green group has found.

The World Green Organisation has been urging people to walk to nearby destinations instead of using vehicles to conserve the environment by reducing carbon dioxide emissions. It can also serve as exercise and make people healthier.

The group interviewed 505 people from July to this month. It found about 70 percent were willing to walk instead of taking public transport to help the environment—a drop of 15 percentage points from last year's 85 percent.

Extreme weather, temperatures as high as 37 degrees Celsius and air pollution could have made fewer people willing to walk, the group estimated. On why they chose to take transport instead of walking, women and men provided different answers. Among female respondents, 56 percent cited weather as the main reason. But for men more than 60 percent cited time saving as the main reason. Almost 33 percent of respondents failed to walk for at least 30 minutes, three days a week.

The survey shows that Hongkongers may still have some misunderstanding over walking. They do not see it as a form of exercise, and only walk to and from work," said the group's founder and chief executive William Yu Yuen-ping.

The World Health Organization has called walking the best exercise in the world, due to its medium intensity and suitability for all.

Cardiologist Gary Mak Yiu-kuang said as Hongkongers exercise, doing intense cardio in weather as hot as this is not good for their hearts and lead to...

The group has proposed a 'green walk score'.

It is always good to... women to... said. "Many do not get a... from their diet alone... eating habits or more...

to stop taking... they... ing. Algal oil...

Angel's Heart

Cable TV



Apple Daily

日耗4440萬張抹手紙 6成市民以為可回收

【本報訊】洗手使用抹手紙，有礙環保。去年全港市民共消耗了四千四百四十萬張抹手紙。雖然政府呼籲市民減少使用，但仍有六成市民認為抹手紙是可回收的。環保局表示，抹手紙屬於一般垃圾，不可回收。市民應減少使用，以減少垃圾量。

全年重量相當於1709架巴士

根據統計，去年全港市民共消耗了四千四百四十萬張抹手紙。如果將這些抹手紙的重量加起來，相當於1709架巴士的重量。環保局呼籲市民減少使用抹手紙，以減少垃圾量。

港人濫用抹手紙 年砍46萬棵樹

根據統計，去年全港市民共消耗了四千四百四十萬張抹手紙。如果將這些抹手紙的重量加起來，相當於1709架巴士的重量。環保局呼籲市民減少使用抹手紙，以減少垃圾量。

電費多磨

利潤管制下調有數？

【本報訊】電費多磨，市民不滿。電力公司表示，電費將有所調整，但市民認為調整幅度过大。電力公司表示，電費將有所調整，但市民認為調整幅度过大。電力公司表示，電費將有所調整，但市民認為調整幅度过大。

如何平衡保育及發展 建造綠色大都會？

【本報訊】如何平衡保育及發展，建造綠色大都會？政府表示，將採取措施，以平衡保育及發展。政府表示，將採取措施，以平衡保育及發展。政府表示，將採取措施，以平衡保育及發展。

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八成半港人每餐做「大咗鬼」 僅6%在家沒剩食

【本報專訊】踏入12月，不少人開始過聖誕大餐，但不少港人卻在聖誕大餐後，面對大量剩餘食物，甚至有人表示，聖誕大餐後，家中食物多到吃不完，甚至有人表示，聖誕大餐後，家中食物多到吃不完，甚至有人表示，聖誕大餐後，家中食物多到吃不完...



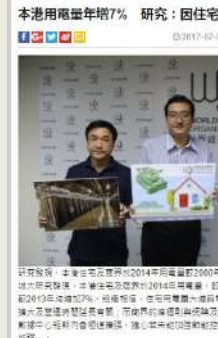
WOO 委託調查公司委託人飲食文化調查，訪問 365 名 18 歲以上香港市民，當中逾 80% 受訪者表示每餐均會吃剩食物，而七成八人表示去歲食物過剩，甚至有人表示，聖誕大餐後，家中食物多到吃不完...

世界綠色組織指出，過八成受訪者每餐會剩食物，市民表示「大咗鬼」指食物多到吃不完，甚至有人表示，聖誕大餐後，家中食物多到吃不完...

Ming Pao

本港用電量年增7% 研究：因住宅會所及恆溫泳池

【本報專訊】根據電業局公佈的數據，本港去年用電量年增7%，研究指出，因住宅會所及恆溫泳池，導致用電量增加...



研究發現，本港住宅用電量於2014年中期至2015年中期增加了4%至17%，而商業用電量則增加了1%至17%，研究指出，因住宅會所及恆溫泳池，導致用電量增加...

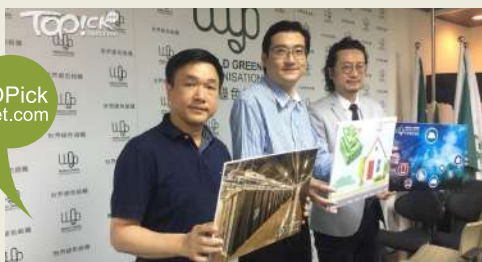
Headline Daily

小學生推動「反思環保」

【本報專訊】由「DSE 環保」主辦的「反思環保」活動，旨在提高小學生對環保的認識，並鼓勵他們在日常生活中實踐環保...



Sky Post



TOPick hket.com

AM730

酷熱天氣空氣質素差 或損市民步行意欲

世界綠色組織在上月訪問505人，逾七成人會因環保原因以步行取代坐車，較去年的八成半少15個百分點。組織指，港人步行意欲下降，或與今年酷熱天氣日子頻繁和空氣質素差有關。

調查又發現，受訪男性較女性更願意步行，41.1%男...



HK01

極端天氣 香港會否大停電?



Ta Kung Pao



Hong Kong Economic Journal

收費回贈副作用 商住耗電齊飆升

世界綠色組織指出，由於政府推出「綠色電力」計劃，導致商住耗電量齊升，這與計劃的初衷相違背...



Sing Tao Daily



Hong Kong Commercial Daily



Wen Wei Pao

不知步行算運動 港人嫌天熱懶得行

世界綠色組織指出，由於天氣酷熱，港人嫌步行太累，因此步行的人數減少，這與組織的期望相違背...



研究指住宅商界耗電增7%



Annual Overview and Organisational Operation



Annual Overview

2017 Annual Overview (The WGO was established in October 2012)

No. of employees in December 2012	13
No. of employees in December 2017	26
No. of environmental projects in 2017	70+
Income in 2017	14.61 million (HKD)
Strategic development fund in 2017 (used)	8.87 million (HKD)
Expenditure in 2017	14.51 million (HKD)
Primary donors in 2017	8
Corporate members in 2017	9
Partners of environmental projects in 2017	30
Other partners in 2017	17
Interviews from TV and radio stations in 2017	108
Reported and published by media in 2017	575

Organisational Operation

As registered NGO, the WGO has followed professional and rigorous governance.

The Organisation has an independent Board of Governors in charge of monitoring and governing. Members of the Board of Governors are from social and welfare sector, environmental protection, academia, and business sector, and some members are professional accountants and solicitors. All members are senior professionals holding a common goal for environment conservation and participate as volunteers. With their expertise and experience of management, they provide precious advice, make strategic direction, and monitor the operation of the WGO by advising on environment projects and drawing up the annual budget.

Reappointment of governors takes place at the annual general meeting. The members are appointed for a fixed term of office within a period of time. To expand and deepen organisational governing, the Organisation established committees under the Board of Governors, including Committee of Strategic Development, Committee of Education and Training Development, and Committee of Finance and Governing, etc. Also, the Organisation has recruited full-time professional accountant for further strengthening internal monitoring on top of the existing formation of accountants.

The Organisation deeply understands the importance of disclosing information to building up trust for the public. Through annual reports, we provide clear and precise financial information for the public to monitor, so that it can be ensured that the financial resources are well spent. The accounting records of 2017 has been compiled with reference to Hong Kong Financial Reporting Standards, and the independent audit was conducted by Li, Tang, Chen & Co. The summary of financial records is published in annual reports.



Founder & Chairman of Board of Governors

Mr. Michael Lai

B.B.S., M.H., J.P.

Founder & Chairman of Board of Governors, WGO

Governors & Members of Executive Committee, Charles K Kao Foundation for Alzheimer's Disease

Former Chief Executive Officer, St. James Settlement, Hong Kong



Vice-chairman of Board of Governors

Mr. Albert Ip

Vice Chairman, WGO

Executive Director & Chief Executive Officer, Langham Hospitality Investments Ltd.



Founder & President

Mr. Albert Oung

Founder & President, WGO

Founder and CEO, Green Institute of Hong Kong



Founder and CEO

Dr. William Yu

Founder & CEO, WGO

International Advisory Board



Mr. Eric Bohm

Former CEO
WWF Hong Kong



Mr. David Chang

CEO
CITIC Carbon Assets
Management Ltd



Mr. Erich Müller

Founder of Swiss Erich
Müller Holding AG



Mr. Jeremy Nicholls

Professor of Business
Economics, University
of Cambridge, U.K.



Prof. Michael Pollitt

Professor of Business
Economics, University
of Cambridge, U.K.



Mr. Robert Watson

Founder of the LEED Green
Building Rating System of
the United States Green
Building Council



Dr. Eden Yin

Senior Lecturer in
Marketing, University
of Cambridge, U.K.

Board of Governors



Ms. Elizabeth Law
Managing Director
Laws Secretaries Ltd



Mr. Kenneth Lo
Chairman
Crystal Group



Prof. Jonathan Wong
M.H., J.P.
Director of Hong Kong
Organic Resource Centre,
HKBU



Mr. Alfred Yeung
Founder & Chairman
Glory Sky Group



Prof. Arthur Yeung

China Europe International
Business School
Phillips Chair Professor of
Human Resource Management
Senior Management Adviser,
Tencent Holdings Ltd.



Prof. Andrew Chan

Head of Shaw College,
Chinese University of
Hong Kong



Mr. Robert Chan

Consultant, Chui & Lau
Solicitors & Notaries
China-Appointed Attesting
Officer & Accredited Mediator



Mr. Matthew Wong

Managing Partner
Messrs. Hon & Co.



Mr. Stephen Wong

Deputy Executive Director &
Head of Public Policy Institute,
Our Hong Kong Foundation

Local Advisory Board

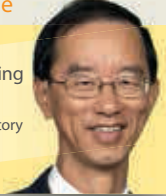
Sustainable Development

Mr. Bernard Chan
G.B.S., J.P.
Former President
Sustainable Development Committee
Non-Official member
Executive Council of Hong Kong
(till mid-2017)



Climate Change

Prof. Lam Chiu-ying
Former Director
Hong Kong Observatory



Green Finance

Mr. Stephen Lo
Chief Financial Officer
Green Institute of Hong Kong



Green Commercial

Mr. Patrick Oung
Co-founder,
Green Institute of
Hong Kong



Climate & Health

Prof. Emily Chan
Centre Director
Collaborating Centre for
Oxford University and CUHK
for Disaster and Medical
Humanitarian Response



Sustainable Development

Prof. Lam Kin-che
Former Director
Centre for Environmental Policy
and Resource Management, CUHK
Former Chairman
Advisory Council on the Environment



Sustainable Development and E-waste

Prof. Lu Yuan
Former Professor
Department of Management,
CUHK



Communication

Mr. Vincent Wong
Director
Good Lab
General Secretary
Social Enterprise
Former Head
Commercial Radio 1



ICT

Mr. Francis Fong
President
Hong Kong Information
Technology Federation



Air Quality

Prof. Alexis Lau
Associate Professor
Division of Environment, HKUST
Manager
Institute for the Environment, HKUST



Water

Dr. Anthony Ma
Principal Consultant
Environmental Management,
Hong Kong Productivity Council



Sliver-hair

Mr. Laurence Ho
Managing Director
Kingsford Far East



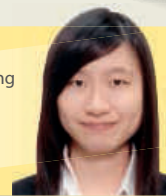
Water Quality

Prof. Ho Kin-chung
Former Chairman
Advisory Committee on Water
Resources and Quality of Water Supplies,
Water Supplies Department
Dean
School of Science and Technology, CUHK



Youth Affairs

Ms. Michelle Leung
Graduate, HKU



Green City

Prof. Edward Ng
Professor
Department of Architecture,
CUHK



Digital Economy

Prof. Arthur Yeung
Chairman
GRTalent Consulting Ltd
Senior Management Adviser
Tencent Holdings Ltd



Multi-cultural Affairs

Mr. Jerry Jreaz
Co-founder
Glory Sky Green Fund Ltd



City Design

Prof. Bernard V. Lim
J.P.
Adjunct Professor
School of Architecture, CUHK



Green Architecture

Prof. John Ng
Chairman of Green Labelling
Committee & Board of Directors
Hong Kong
Green Building Council



Air quality

Dr. Horace Mui
Associate Professor
Department of Building
Services Engineering, PolyU



Green Tourism

Ms. Shirley Ong
Vice-chairwoman
Sky Holdings Group Ltd



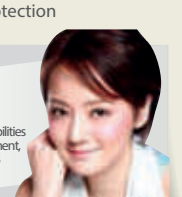
Environmental Protection Ambassador

Ms. Vicky Yiu
Youth Ambassador



Environmental Protection Ambassador

Ms. Viann Liang
Director
Social Enterprise Responsibilities
and Sustainable Development,
Synergy Group Holdings
International Ltd



Steering Committee

Committee of Finance and Governing

Mr. Matthew Wong
Mr. Raymond Cheng
Mr. Sam Tang
Mr. Thomas Leung

Committee of Community Involvement

Ms. Agnes Wong
Mr. Henry Hui
Dr. Szeto King Ho

Committee of Strategic Development

Mr. Arthur Lam
Ms. Candy Mau
Mr. David Fong
Ms. Hidy Chan
Mr. Laurence Ho
Mr. Raymond Lo

Committee of Education and Training Development

Mr. Angus Yip
Dr. Carol Ma
Dr. John Leung
Dr. Vincent Tse
Principal Wong Chi Keung

Committee of Corporate Involvement

Ms. Jenny Yeung
Ms. Katherine Lau
Mr. Victor Kwong
Prof. James S. Tsien

Committee of Branding and Communication

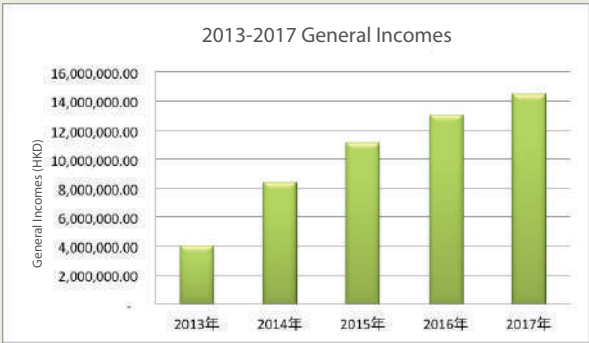
Mr. Byron Wu
Ms. Cherry Lai
Mr. Anthony Pang
Mr. John Liauw
Mr. Dicky Lo

Financial Summary

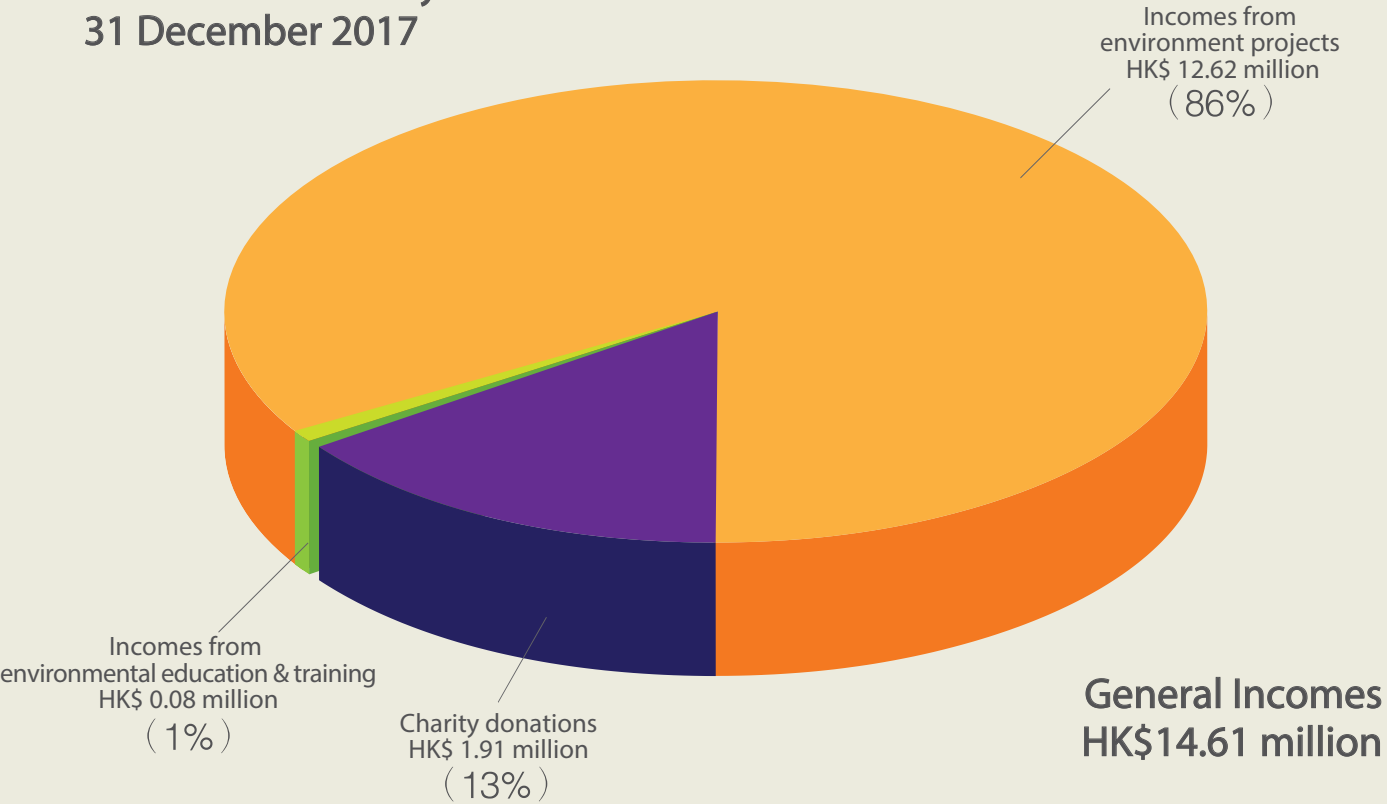
The following is the WGO’s financial summary and analysis of 2017, audited by Li, Tang, Chen & Co and complied based on Hong Kong Financial Reporting Standards.

Major Incomes

Firstly, the Organisation wants to express its gratitude for all project supporters and donors. The Organisation’s general incomes has increased from HK\$13.07 million last accounting year to HK\$14.61 million this accounting year, rising by 12%. The sponsorship in environment projects is the main income source of this accounting year, taking up 86% of the general incomes, with an increase of 15% and total amount of HK\$12.62 million. The second income source is donation from individuals and corporations, which is HK\$1.91 million, accounting for 13% of the general incomes. Apart from that, the incomes from environmental education and training are up to HK\$0.08 million, taking up 1% of the general incomes and declining by 27% compared to last year.



Audited Incomes by 31 December 2017

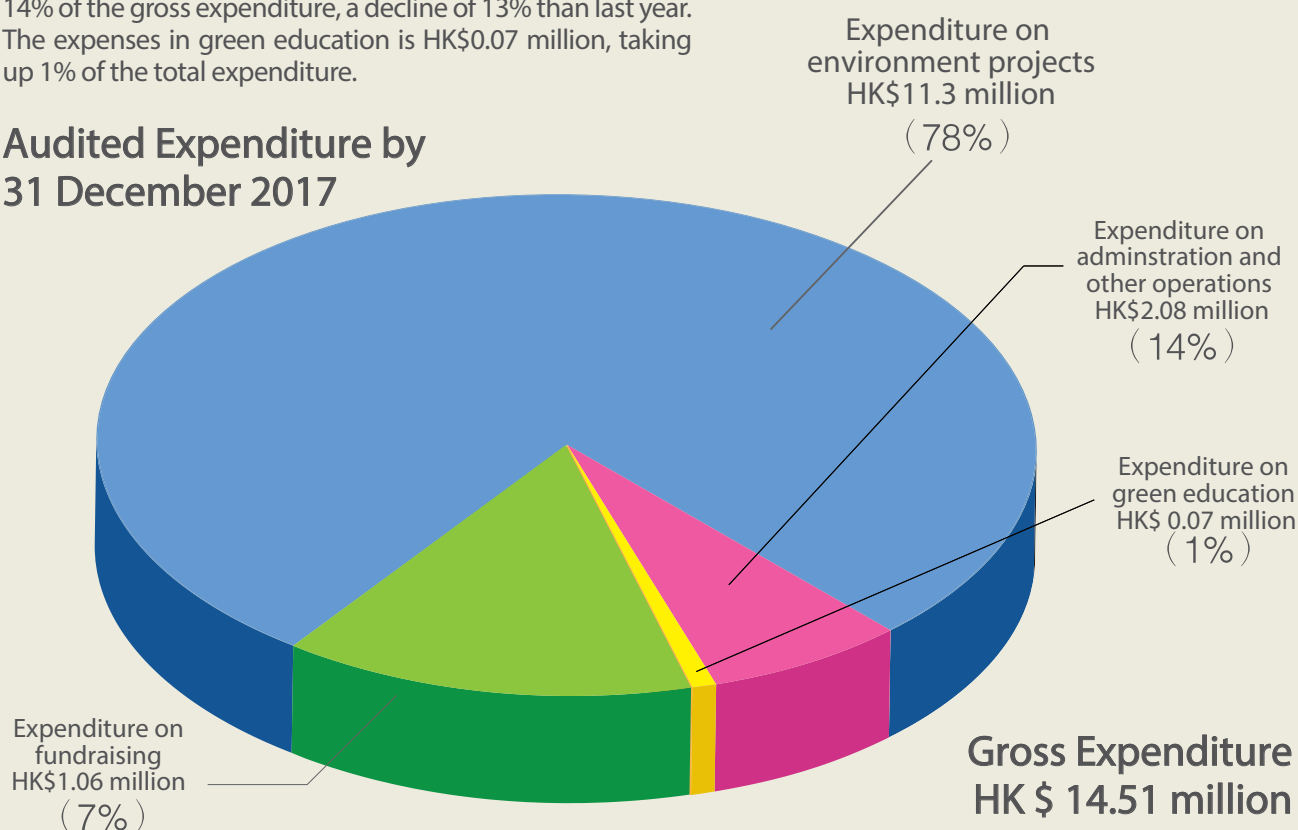


Expenditure

The Organisation's expenditure in this accounting year has risen from HK\$13.82 million last year to HK\$14.51 million, with a slight increase of 5%. Spending on environment projects is the primary expenditure of this accounting year. The projects mainly cover the promotion of green culture and guidelines for individuals, corporations and organisations, research on energy and climate change, and green life experiencing activities, etc. The operation spending on environment projects represents 78% of the total expenditure, up to HK\$11.3 million, increasing by 12%. The increase has implied that the Organisation has been expanding the scopes of the projects. Also, the spending on fundraising (HK\$1.06 million) takes up 7% of the total expenditure, rising by 10% than last year. The spending on administration and other operations is up to HK\$2.08 million, accounting for 14% of the gross expenditure, a decline of 13% than last year. The expenses in green education is HK\$0.07 million, taking up 1% of the total expenditure.



Audited Expenditure by 31 December 2017



Balance of This Year

In the 5th accounting year, the financial condition has been improved compared with last year. There has been a surplus this year. As the increase of environment projects and donations year by year, relevant expenditure also rises. With the regular increase of donations and projects, there has also been a slight growth in the number of staff members. There is a slight decrease in expenditure ratio compared to last year thanks to the effective control of administrative expenditure. The strategic development money in reserve has again covered the difference of income and expenditure to guarantee the rapid and stable development of the Organisation.

Our Sincere Thanks

The WGO would like to express our gratitude for the generosity and support from corporations, organisations and individuals.

Sponsors of Corporations and Organisations

(in alphabetical order)

Members of Green Partners	
Universe Level	Earth Level
Glory Sky Group Limited Green Inc.	Canon Hongkong Co. Limited CLP Power Hong Kong Limited Fuji Xerox (Hong Kong) Limited Green Hotel Group Green Public Utility Limited The Hongkong Electric Co., Ltd. The Hong Kong & China Gas Company Limited
Projects/Events Sponsors	
4M Industrial Development Limited A.S. Watson Group Airport Authority Hong Kong All Power Industry (International) Ltd. Alliance Construction Materials Ltd. Anson Cheng Interior Design Architectural Intelligence Association Limited Artwill Interior Design House Baguio Green Group Limited BEAM Society Ltd. Belle International Billion Charity Fund Ltd. Canon Hongkong Co., Ltd. Charles K. Kao Foundation for Alzheimer's Disease China Aircraft Leasing Group Holdings Limited Chinachem Group Chun Wo Development Holdings Limited CITIC Telecom International CPC Ltd. CLP Power Hong Kong Limited Crystal Group CS Surveyors Ltd. CSG Consultancy Design Landscapes Int'l (HK) Co. Ltd. Dyson Technology Limited echHome ECO Design Group Ltd. Energy Trading Co., Ltd. Federal Group Global Limited Future Lighting Collection Limited Great Eagle Holdings Ltd. Grosvenor Asia Pacific Happy Time Hong Kong Limited HEI Interior Hip Shing Hong (Holdings) Company Limited HKMCC Home 'n Kitchen Limited Hon & Co. Hong Kong Commercial Broadcasting Co. Ltd. Hong Kong Science and Technology Parks Corporation Hong Kong Telecommunications (HKT) Limited Hong Kong Trade Development Council Hongkong International Theme Parks Ltd. Ideas Tower iG Plus A Company Ltd.	Integrated Waste Solutions Group Holdings Limited Jibpool International Limited JMS Group (HK) Ltd. Kai Shing Management Services Ltd. Kerry Properties Limited King's Flair Development Ltd. KPMG Foundation Ltd. L'Occitane (Far East) Limited LHGroup Lifestyle International Holdings Ltd. Link Properties Ltd. M2C Management Group Ma On Shan Plaza MTR Corporation Limited New Frontier Group Nicedrape Solar Protection System Co. Ltd. NWS Holdings Ltd. Octopus Holdings Limited Philips Lighting Hong Kong Ltd. Pioneer Global Group Ltd. Pure AW's Designers Ltd. Remotec Technology Limited Rotary Club of Tsuen Wan Sa Sa International Holdings Limited Samson Wong Design Group Ltd. Shun Lee Building Materials & Sanitary Wares Ltd. Sky Pacific Property Consultant Limited Solid Gold investment Ltd. Sompo Insurance (HK) Co., Ltd. Sun Hung Kai Financial Limited Synergy Group Holdings International The Hong Kong and China Gas Company Limited The Mirror Post Cultural Enterprises Co., Ltd. The Society of Chinese Accountants and Auditors Tiostone Environmental Ltd. Tsui Wah Holdings Limited Tung Fat Ho Building Material Ltd. Ultimate Creation Vision I (Int'l) Ltd. Vitargent (International) Biotechnology Limited Wasabi Creation Public Relations & Communications Limited WeFi Limited Welfare Electronic Component Limited Yau Lee Holdings Limited

Significant Donations (Individuals)

Ms. Yong S. Beh	Dr. Albert Ip	Ms. Shirley Ong
Mrs. Amy Chan	Dr. Leung Wing Mo	Ms. Cherry Tang
Prof. Robert Chan	Mr. Lo Wah Fai	

Due to page restrictions, we cannot list all the names of our supporters. The Organisation hopes to thank all the government departments, corporations, organizations, individuals and volunteers, who have assisted in promoting our schemes and events. We also want to extend our thanks to all media organizations for promoting our work.

☐ 我樂意支持及捐助世界綠色組織 I would like to support and donate to WGO

捐款金額 DONATION AMOUNT

☐ 每月捐款 Monthly Donation

☐ HK\$300 ☐ HK\$250 ☐ HK\$150 ☐ HK\$100 ☐ 其他金額 Others HK\$ _____

☐ 一次性捐款 One-off Donation

☐ HK\$5,000 ☐ HK\$1,000 ☐ HK\$500 ☐ HK\$300 ☐ 其他金額 Others HK\$ _____

捐款者個人資料 DONOR'S PERSONAL INFORMATION (請以英文正楷填寫 Please fill in BLOCK LETTERS)

☐ 先生 Mr ☐ 女士 Ms

英文姓名 English name _____ 中文姓名 Chinese name _____

日間聯絡電話 Daytime tel. no. _____ 出生日期 Date of birth _____ 日DD _____ 月MM _____ 年YY

通訊地址 Postal address _____

電郵 Email _____

捐款方法 DONATION METHOD

☐ 信用卡 Credit card ☐  ☐ 

信用卡有效期至 Card valid until _____ 月MM _____ 年YY (須於三個月內有效 valid for the next 3 months)

信用卡號碼 Credit card number _____

信用卡發卡銀行 Credit card issuing bank _____

信用卡持有人姓名 Cardholder's name _____

請在其中一適當方格內加上✓號 Please tick the appropriate box only.

☐ 每月捐款 Monthly Donation

本人現授權世界綠色組織由本人之信用卡賬戶內定期扣除上述之金額，直至本人另行通知為止。本人同意此授權書於本人之信用卡有效期後及獲續發新卡時繼續生效，並毋須另行填寫授權書。(如需要取消或更改本授權書，請於取消或更改生效日期七個工作天前通知世界綠色組織。)

I hereby authorise World Green Organisation to charge my credit card account for the amount specified in a regular manner as agreed upon by me and World Green Organisation until further notice. I agree the validity of this agreement will continue before or after the expiry date of the credit card account. (Cancellation or variation of this authorisation shall be given to World Green Organisation seven working days before the date on which such cancellation or variation is to take effect.)

☐ 一次性捐款 One-off donation

請於本人之信用卡賬戶內一次性扣除以上金額。

Please charge my credit card once for the above specified amount.

信用卡持有人簽署

Signature of credit cardholder _____

日期 Date _____

☐ 劃線支票 Crossed cheque

支票號碼 Cheque no. _____

支票抬頭填上「世界綠色組織」，支票背後請寫上捐款者姓名及聯絡方法

Payable to 'World Green Organisation' and write the name and contact information of the donor at the back

☐ 直接存款 Direct transfer (參考編號 Ref no. _____)

直接存入中國銀行(香港)賬戶：012-898-0012877-6

Deposit cash or cheque in Bank of China (Hong Kong) Account : 012-898-0012877-6

本會慈善機構編號 Approved charitable institution No. : 91/12832

☐ 請郵寄捐款收據 (只適用於港幣100元或以上之捐款，可憑收據申請稅項寬減)

Please send me an official receipt (Only for donation of HK\$100 or above for tax exemption)

☐ 本人不需捐款收據

Please do not send me any receipts

☐ 為使閣下緊貼世界綠色組織，我們將不時透過你提供的聯絡方法，發放定期通訊、本會最新消息及募捐資料。若你願意接收上述資料，請在方格加上✓號。

World Green Organisation may use your contact information from time to time to issue newsletters, communications and fundraising materials. If you wish to receive such materials or communications, please tick the box.





Stamp

To:
The World Green Organisation
Green House, 4th Floor,
483 D-E, Castle Peak Road,
Lai Chi Kok, Hong Kong



Waste into Treasure Green Economy
Balance between economy and nature

Reuse & Recycle Morality Sharing Growth

Solve the root cause of pollutions New Industries 正面思想
New Opportunities

Transparent Friendship Passion 尊嚴

Stop Global Warming Dignity 新希望

Wisdom Fidelity Love & Peace 誠信
Glorify God & Benefit Others

New Jobs Poverty Uplifting 愛與和平 敬老
Meaningful Caring

Positive Thinking Profit 與大自然和諧共存 利潤

Leadership & Education 智慧 化廢為寶
Environmental Revolution

Human Rights New Hope 關懷 領袖教育
Equality & Respect

Living in Harmony with nature 健康 成長
Sincerity Health 解決污染的根源 榮神益人

Respect Elderly 循環再用 喜樂

Joy 環保革命 熱誠 脫貧 喜樂

真誠 新工業 道德 平等與尊重 透明 分享

平衡經濟與自然生態 綠色經濟

停止全球暖化 人權 友誼 新工作 信念
新機會



Website: www.thewgo.org
Address: Green House, 4th Floor, 483 D-E, Castle Peak Road,
Lai Chi Kok, Hong Kong
Tel: 2391 1693 Fax: 2371 4100
Email: info@thewgo.org

The World Green Organisation is an approved charitable institution (No. 91/12832).
Donations of HK\$100 or above to the World Green Organisation will be entitled to tax exemptions.