

MARCH 2019

BEC E-NEWSLETTER

Connecting · Nurturing · Creating for a Sustainable Environment

BEC LOW CARBON CHARTER



On 19 March, 31 leading companies across Hong Kong's property and construction value chain including architectural firms, construction material producers, construction companies, property developers and property managers signed up to the **BEC Low Carbon Charter**, the first charter of its kind in Hong Kong specifically responding to the UNFCCC's Paris Agreement. Signatories are required to set decarbonisation targets, implement actions to achieve individual targets, disclose progress annually and spread the word among their peers to join the decarbonisation journey. There are two pathways of commitments for signatories to choose from. Pathway 1 is a commitment to work towards decarbonisation targets consistent with the direction of transitioning towards the goals of the Paris Agreement. Pathway 2 is more specific and ambitious in that it is a commitment to work towards targets aligned with the Paris Agreement's goal to keep the increase in global average temperature to below 2°C rise above pre-industrial levels, through the Science Based Targets Initiative (SBTi). Sharing after the Charter's launching ceremony, **Dr Raymond Yau, General Manager, Technical Services & Sustainable Development of Swire Properties Limited**, which has chosen Pathway 2 stated, "We joined the Charter without any hesitation as Swire Properties has committed to developing and adopting a science-based target to guide the long-term decarbonisation efforts of our global business, in line with the goals of the Paris Agreement. We encourage companies in the property and construction sectors to join the Charter and help build a resilient, low-carbon and sustainable Hong Kong."

New World Development Company Limited is also among the 31 signatories. "As a property developer, we work closely with architectural firms, construction material producers, construction companies, consultants or technology inventors. With the joint effort by industry practitioners across the property and construction value chain, the Low Carbon Charter will definitely serve as a booster to help businesses in setting and meeting decarbonisation targets, which are also beneficial to our business performance." **Ms Ellie Tang, Head of Sustainability, New World Development Company Limited**, said.



As an ongoing initiative, BEC will continue to welcome companies to sign the Charter. For enquiries and more information, please contact simonng@bec.org.hk or jonathanho@bec.org.hk

[Click HERE for more details](#)

EU PLASTIC WASTE REDUCTION WORKSHOP

To facilitate cooperation between the European Union and Hong Kong businesses and regulators to promote environmentally responsible growth and pragmatic cross-sector solutions to the problem of plastic waste, the European Union Office to Hong Kong and Macao, in collaboration with BEC, hosted the first **EU Plastic Waste Reduction Workshop** on 21 March. Through experience sharing from business leaders, industry experts, stakeholders, and policy-makers from the Environment Bureau and Food and Environmental Hygiene Department, the workshop participants recommended a series of concrete measures to effectively tackle plastic waste. Collaboration has been particularly fruitful in advancing the solutions in plastic waste problem.

[Click HERE for event photos](#)



BEC SUBMISSION ON MECHANISM FOR ENCOURAGING A QUALITY BUILT ENVIRONMENT THROUGH GFA CONCESSION



A new private housing development project is required to register for BEAM Plus as a prerequisite for application for gross floor area (GFA) concession under the current arrangement. In response to the review of the mechanism by the Buildings Department, BEC made a submission in March to express our views. BEC feels that improvements to the current GFA concession mechanism to more effectively incentivise actual implementation and utilisation of green and energy efficient features in buildings are greatly needed. BEC recognises that the mechanism is

only one of many possible means to encourage a sustainable built environment. By the same token, BEC urges the Government to explore which green features are suitable to be promoted through incentives, and which are suitable to be mandated, in the short, medium, and long term. Finally, BEC stresses the need to take a life cycle approach to ensure buildings continue to operate with environmental excellence throughout their lifetimes.

[Click HERE for the submission letter](#)

BEC MEMBERS CORNER



BEC Council Member **CLP** has launched its new Sustainability Report and

Annual Report, showcasing its trajectory for a purpose-led approach to growing its business. The reports outline how CLP will further decarbonise and digitalise its energy business across Asia Pacific. As part of its efforts to become a "Utility of the Future", CLP has made innovation a priority in its long-term goals with aims to attract the right talent. It has also undertaken to review its decarbonisation targets at least every five years and embrace the opportunities inherent within the digital evolution to keep pace with the fast-changing environment.

[Click HERE to learn more](#)



BEC Council member **HK Electric** has launched this year's "Happy Green Campaign" with a series of educational

activities themed on "Smart Power for Smart City". New initiatives, such as the use of more digital and social media including mini-movie, Virtual Reality and online games, will be introduced to promote green in a fun way. Free energy audits and "Smart Power Experience" featuring visits to Lamma Power Station, Lamma Winds and the new "Smart Power Gallery" will be offered to schools. Outstanding Happy Green ambassadors and winners of the "Green Energy Dreams Come True" Competition will be invited to join an overseas study trip to Dali, Yunnan in China to learn from its experience of developing into a smart city.

[Click HERE to learn more](#)



新鴻基地產
Sun Hung Kai Properties

BEC Council Member **Sun Hung Kai Properties** (SHKP) has received

global and local recognition for sustainable development work. SHKP has been selected as a constituent member of the FTSE4Good Index, a world-leading sustainability index by the London Stock Exchange, and was named one of the top 3 overall sustainability performers among all industries in the Hang Seng Corporate Sustainability Index with "AAA" rating (i.e. top rating).

Creating long-term value for stakeholders including customers, employees, business partners, and the community is the primary focus of SHKP's strategy for sustainable development which is underpinned by its long-standing belief in Building Homes with Heart. SHKP distinguishes itself as a leading property developer through its commitments to quality and the environment, strong learning and caring work culture, and relentlessly works to boost community well-being.

[Click HERE to learn more](#)



BEC Council Member **Shell Hong Kong Limited** and Corporate Member **Maxim's Group** jointly announced a pilot



programme to use biodiesel made from used cooking oil of Maxim's Group

to power its fleet in Hong Kong. The first-of-its-kind programme in Hong Kong will support over 100 delivery trucks, with annual consumption of 396,000 litres. Shell is the first and only biodiesel provider in Hong Kong through retail gas stations while Maxim's Group is the first restaurant group in Hong Kong to join this programme. This partnership has unlocked more benefits of bio-fuel, stepping towards a more sustainable energy mix.

Disclaimer: "Maxim's" and any name, logo or trademark of any restaurants and any intellectual property right therein used or referenced in this article belong to Maxim's Caterers Limited, a company operating in Hong Kong, and/or its affiliates."

[Click HERE to learn more](#)



CITIC PACIFIC
中信泰富

To promote individual well-being, as well as show love to the environment and community, BEC Corporate Member CITIC Pacific Limited launched the first Flea

Market - CNY Parade at CITIC Tower in January. Working with 17 different social enterprises, NGOs and vendors, the event engaged socially disadvantaged groups and exhibited Toy Reborn Art Display to raise public awareness towards recycling and upcycling, as well as promote social inclusion and diversity. Vendors who sold organic and green products were also invited to the event to promote the importance of wellbeing and green lifestyle. The event was successfully launched and well-received by the community.



Convenience Retail Asia Limited, operating Circle K and St Honore Bakery, is one of the companies under BEC Corporate Member **Fung Group**, invited an environmental non-profit organisation to share insights into the impact single-use plastic challenges placed on the environment through a film screening and discussion with staff. Fung Group of companies are dedicated to promote an eco-friendly lifestyle both in the office and at home. Prior to this session, Li & Fung Limited (one of the companies under Fung Group) also partnered with the same organisation to host a Sustainability Expo with over 220 colleagues and guests in October 2018. Attendees were invited to share ideas on how to "Start Small Start Now" by writing on the pledge wall.

[Click HERE to learn more](#)



BEC Corporate Member **Hong Kong Aircraft Engineering Company Limited** (HAECO)

received three awards from the Hong Kong International Airport (HKIA) Carbon Reduction Award Scheme presentation ceremony. Launched in 2017, the HKIA Carbon Reduction Award Scheme recognises airport business partners' efforts to reduce carbon emissions and implement carbon reduction solutions. HAECO's winning project, "Mobile equipment with PV panels and battery storage", was rated "Excellent" in the Innovation award category, while two other projects, "Application of new air-conditioning system (Radiant Ceiling Cooling System) to reduce carbon emissions" and "LED light replacement", were respectively rated as "Good" in the Innovation award category and Implementation award category.

[Click HERE to learn more](#)



BEC Corporate Member **Intertek Hong Kong** regularly receives visits of secondary school student groups in support of its green educational

initiatives. Intertek Hong Kong showcases live chemical testing demonstrations with candles to explain to the young generation how hazardous elements can cause significant impact on global environment. The students are encouraged to take note of the labels of items they purchase to reinforce their awareness of eco-products.

[Click HERE to learn more](#)



BEC Corporate Member **VPower Group** incorporated the Organic Rankine Cycle

(ORC) technology into its 4th Distributed Power Generation (DPG) plant in Myingyan Township, Myanmar. ORC is a waste heat recovery technology which can recover the large amount of energy that will otherwise be lost in the exhaust gas of the power generation process. It firstly converts the thermal energy into mechanical energy and then eventually into electrical energy. This DPG plant, together with ORC technology, delivers higher energy efficiency and lower carbon emission as well as reduces fuel consumption.

[Click HERE to learn more](#)



BEC General Member **DSG Energy Limited**, the sole Shell Gas licensee in Hong Kong and Macau, received the "Green Office Awards"

and "Eco-Healthy Workplace" labels by a green group recently, in recognition of the company's dedication in adopting green measures, advocating environmental protection and stimulating sustainable and eco-healthy culture in the workplace. While it strives to reduce the impact caused by energy consumption on the planet, it also encourages its staff to go green in the office by applying a spectrum of measures, including energy saving, waste reduction, water saving and creating an eco-healthy workplace. The company is committed to serving the community in a economically, environmentally and socially responsible as well as safe way.

[Click HERE to learn more](#)



The Artflor Creative Club, made up by former students and instructors of BEC General Member **Institut de Artflor Floral Design**, was awarded "The Best Green Concept Award" at the Hong Kong Flower Show 2019 for their floral installation at Victoria Park.

Titled "Assemblage and Rebirth", the floral display was about reviving used materials and bringing them back into the ever-spinning circle of life.

Nature has always provided artists with the most bountiful of materials and an endless source of inspiration. Fallen tree trunks and branches left over in the aftermath of last year's typhoon were incorporated into this year's design. Old newspapers were pulped, moulded, dyed and conjured into new forms befitting the theme of the work. Fresh floral materials added life, vivacity and spirit. Hence, a "New Dawn" has begun.

[Click HERE to learn more](#)

Not a BEC Member yet?



Contact our **Membership Team (T. 2784 3924 | E. membership@bec.org.hk)** to know more about our membership scheme. You can also contact our membership team to explore potential speaking and sponsorship opportunities.

Want to share your company's latest green news with over 5,000 BEC newsletter subscribers from various industries?

BEC Council, Corporate and General Members are welcomed to submit their exciting news/ technology/ activities related to sustainability and environment excellence to us. We will then share your news via BEC communications channels, including our social media platforms and e-Newsletter. Please contact Ms Peryl Tse (T. 2784 3912 | E. peryltse@bec.org.hk) for submissions and enquiries.

Thinking about showcasing your green technologies at BEC Building?



Members are welcome to contact our membership team (T. 2784 3924 | E. membership@bec.org.hk) for demonstrating the latest green technologies at our building, the Jockey Club Environmental Building.

BEC INITIATIVES

A Gas Station with Green Building Elements

BEC Council Member Shell Hong Kong Limited's Siu Lam Station has achieved Gold rating under BEAM Plus Interiors (V1.0) certification. The station, which commenced service in 2018, has successfully leveraged green features in its design including:

- Adoption of integrative Energy Management System to save 30% more energy than normal constructions
- Installation of water efficient devices to reduce 78.5% of fresh water consumption
- More than 60% of building material contains recycled content including the customer walkway which is paved with rubberised blocks upcycled from used tyre rubber. Building materials are manufactured regionally to reduce carbon footprint for logistics
- The first-ever green wall at Shell station in Hong Kong reduces carbon emission and helps to make the environment greener
- A self-served water dispenser in station for the public to refill their own bottles



BEC's Green Building Team was honoured to be the responsible consultant for Shell and witnessed the corporations' endeavours in infusing sustainability elements into architectural design.

[Click HERE for more about BEC's green building consultancy service](#)

HSBC Living Business Award



BEC is once again a partner of HSBC Living Business Awards, helping small and medium enterprises (SMEs) in Hong Kong implement socially and environmentally sustainable practices into their business operations. This year, new elements of the UN's Sustainable Development Goals have been incorporated into the programme, to bring positive changes to both people and the planet in various aspects including climate change, economic

inequality and sustainable consumption. On 14 March, 150 small and medium enterprises were presented the awards at the Award Presentation Ceremony. BEC is looking forward to seeing more enterprises to join the 2019 programme, to support and improve performance in corporate sustainability.

BEC INSTITUTE OF ENVIRONMENTAL EDUCATION (IEE) TRAINING COURSES



Intensive Training on Indoor Mould Inspection and Management

 29 April

Advanced Training on The WELL Building Standard v2™

 7 May

[Click HERE for details of BEC IEE courses](#)

BEC UPCOMING EVENTS

BEC Industry Visit to Megaman Showroom



17 April

Going green with eco-lighting promises big savings for customers in terms of both operating costs and carbon emissions. MEGAMAN® initiates a green page in business and consumption by establishing a contemporary LED lighting showroom which puts future lighting technology within reach of customers today. By visiting the showroom, participants can learn how the most innovative smart lighting solutions are incorporated in LED lighting fixtures and lamps in a sustainable approach.

[Click HERE for registration and details](#)

Green Living Days, Green Delight in Estates 2019



30 March (Shek Yam Estate)

13 April (Oi Man Estate)

Partnering with Housing Authority, BEC is launching the **Green Living Day** at various Public Rental Housing (PRH) with the aim of raising environmental awareness among residents



and instilling a culture to protect and improve the environment. Comprising educational and promotional programmes on main environmental themes which are custom designed for individual estates by green groups, the territory-wide programme will be rolled out in phases to ultimately cover all PRH estates under Hong Kong Housing Authority. Over 20 corporate volunteers will join BEC on both above dates.

[Click HERE for details](#)

Deciphering TCFD Part 1: What Businesses Cannot Ignore – Understanding Investor & Stakeholder Expectations



30 April

The Financial Stability Board Task Force on Climate-related Financial Disclosures (TCFD) has developed a set of recommendations to help companies manage climate-related financial risks and for consistent disclosures by companies to investors, lenders, insurers,

and other stakeholders. But what exactly are investors and stakeholders expecting? What information are they asking for? Come join Deciphering TCFD, Part 1: What Businesses Cannot Ignore – Understanding Investor & Stakeholder Expectations to take part in the discussion and understand what investors and stakeholders are looking for and how your company should respond to the TCFD recommendations.



[Click HERE for registration & details](#)

BEC VISITORS

Please join us in welcoming visitors to BEC Building:

School of Design,
Hong Kong Polytechnic University



BEC PAST EVENTS

BEC Rooftop Farm Makes Debut!



We're thrilled to embark on our latest rooftop farming project co-organised with social enterprise Rooftop Republic! The exciting initiative will definitely enable participants to enjoy the fun of organic farming and instill the concept of sustainable green living into BEC Building. On 1 & 2 March, the fun-filling Industry Day and Open Day attracted over 100 guests, industry practitioners and members of public. Attendees were not only given an opportunity to visit the rooftop farm and taste the produce, but also learn the green features of BEC Building. Participants were inspired by the panel discussion about both the challenges and the potential of urban farming.

[Click HERE for making-of video](#)

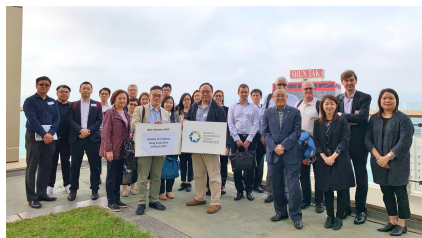
Hong Kong Flower Show 2019

To enhance green performance and for promoting and educating public on reuse and recycling of spent resources, nearly 90 volunteers comprising BEC staff, BEC members and friends assisted in recycling faded flowers, soil and other waste and distributing reusable plants to the public, schools and non-government organisations on the **Green Recycling Day** (25 March) of Hong Kong Flower Show 2019.



BEC was honoured to have the enthusiastic support from companies including The Jardine Engineering Corporation, Ltd, Modern Terminals Limited, The Hong Kong and China Gas Company Limited, China Harbour Engineering Co. Ltd., Comtech (Asia) Limited, VF Hong Kong Limited, Kai Shing Management Services Ltd, New World Development Company Limited, Supreme Management Services Limited.

BEC Industry Visit to Holiday Inn Express Hong Kong SoHo



On 26 March, BEC arranged an Industry Visit to the Holiday Inn Express Hong Kong SoHo, the world's first high rise building (hotel) which has achieved four platinum or equivalent level green awards – Hong Kong BEAM Plus, US LEED, BCA Green Mark by The Building and Construction Authority, Singapore and Three Star of China Green Building Council. Participants visited its environmentally-friendly building design and learned about the comprehensive energy-saving and low-emission features.

BEC SUPPORTED EVENTS

[Click HERE for event photos](#)

- **The 16th Venice Biennale International Architecture Exhibition – Hong Kong Exhibition and Response Exhibition** | The Hong Kong Institute of Architect Biennale Foundation and Hong Kong Arts Development Council | 25 May 2018 - 2Q, 2019
- **"My Green Space" Green Building Competition for Schools 2018** | Hong Kong Green Building Council | September 2018 - May 2019
- **RICS Awards Hong Kong 2019** | Royal Institution of Chartered Surveyors (RICS) | October 2018 - March 2019
- **Sustainable Development Goals Junior Ambassador 2019** | JCI Hong Kong Jayceettes | 10 March - mid of July 2019
- **Environmental Innovation: Opportunities and Challenges in Hong Kong** | **The HKIE Environmental Division Annual Forum** | 30 April 2019
- **Certified Facility Manager (CFM) Exam Prep Workshop** | The Hong Kong Chapter of IFMA | 8 May 2019
- **HKICS 20th Annual Corporate and Regulatory Update (ACRU)** | The Hong Kong Institute of Chartered Secretaries | 5 June 2019
- **The International Water Association Asia Pacific Regional Group (IWA-ASPIRE) Conference & Exhibition 2019** | The International Water Association (IWA), IWA Regional Committee of Hong Kong, China (IWA HK), and Asia Pacific Regional Group (ASPIRE) | 31 October - 2 November 2019

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