



BEC E-NEWSLETTER

Connecting · Nurturing · Creating for a Sustainable Environment

BEC LOW CARBON CHARTER A YEAR OF DECARBONISATION JOURNEY

Climate change is an urgent and unprecedented challenge. Hong Kong must transition to a low carbon economy to reduce climate-related risks and to secure sustainable development. Being society's key players, businesses have a role to play in this low carbon transformation journey. Last March, 31 leading companies across Hong Kong's property and construction value chain became the initial batch of signatories



of the BEC Low Carbon Charter, the first charter of its kind in Hong Kong specifically responding to the UNFCCC's Paris Agreement. Signatories have either committed to Pathway 1, an invitation to join the decarbonisation journey noting the goals of the Paris Agreement; or Pathway 2, a commitment to work towards decarbonisation targets aligned with the goals of the Paris Agreement through the Science Based Targets initiative (SBTi).

BEC Council Member **Swire Properties** was recently featured in the TVB programme "Finance Magazine (財經透視)" – with Dr Raymond Yau, General Manager, Technical Services & Sustainable Development describing how the company's long-term decarbonisation strategy and initiatives are helping Swire Properties achieve its carbon intensity reduction target of 27% by 2020. As one of the signatories committed to Pathway 2 of the BEC Low Carbon Charter, the company serves as an exemplar of corporations leading the decarbonisation transition.



While BEC is pleased to see more companies joining as signatories and establishing decarbonisation targets, fundamentally it is imperative for every company, be it large or small, to take part in decarbonising Hong Kong. As at September 2019, there were about 340,000 SMEs in Hong Kong, accounting for over 98% of total commercial entities. "While short-term decarbonisation goals may be viable for SMEs," said **Mr Eric Chong, Deputy Chairman of BEC** in the TVB programme, "capital is an obvious challenge for most of these companies to fulfil long-term decarbonisation goals." In fact, BEC has regularly urged the Government to step up its support for SMEs to kick off their decarbonisation journey.

To engage and mobilise the wider business sector, from 2020 onwards, we have expanded the BEC Low Carbon Charter to welcome all sectors, beyond the initial focus of just property and construction. Like-minded companies from all sectors can now commence their decarbonisation journeys by joining up as signatories of the BEC Low Carbon Charter. In this regard, should new signatories need support to guide them through the corporate decarbonisation process, BEC will be pleased to provide the services required. Please feel free to contact us.

An event to celebrate the first anniversary of the BEC Low Carbon Charter is tentatively planned for May, at which new signatories will be introduced and decarbonisation experiences will be shared. Stay tuned for more details!

[Click HERE to learn more about BEC Low Carbon Charter](#)

Thinking about joining the BEC Low Carbon Charter as signatory?

Interested companies are welcome to contact **Mr Simon Ng** (E. simonng@bec.org.hk) or **Mr Jonathan Ho** (E. jonathanho@bec.org.hk).

Invited to respond to CDP questionnaires? BEC can help!

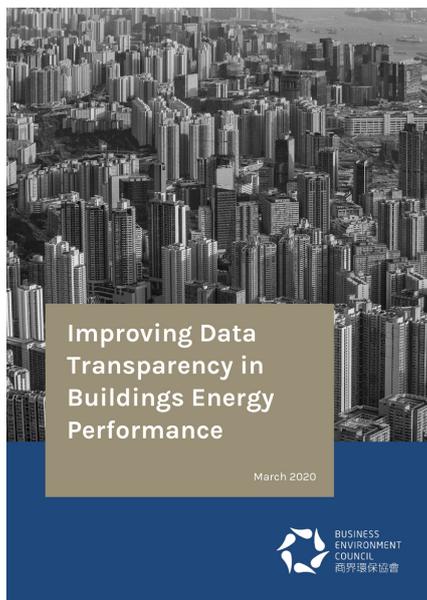
Have you been invited to respond to the CDP questionnaires? The period to complete your 2020 CDP disclosure is fast approaching! It takes about 2 months to prepare a quality CDP response. If you have not started planning this year's CDP disclosure, now is a great time to start the process.

Reporting to CDP can serve as a guide for your management team to clarify areas for improvement and identify areas of strength to further build upon within your sustainability strategy.

BEC ESG Advisory Team has years of experience assisting companies through the evolving CDP reporting process. We can optimise your response for a higher score to help attract the attention of a growing group of investors who access CDP data to inform their decisions. Contact **Dr Nadira Lamrad** (T. 2784 3967 | E. nadira@bec.org.hk) or **Mr Jason Ho** (T. 2784 3933 | E. jasonho@bec.org.hk) to discuss your CDP disclosure needs.



“Improving Data Transparency in Buildings Energy Performance” Report Launch



BEC is delighted to publish our latest research report entitled “**Improving Data Transparency in Buildings Energy Performance**”. The report highlights the benefits of data transparency related to building energy performance, discusses existing barriers, and proposes a data reporting, analysis, disclosure and benchmarking system for future implementation.

We do not recommend a definitive pathway for implementation. Rather, with the proposed building energy performance data framework, we have identified critical points where key stakeholders have yet to reach a consensus, and suggested alternative routes to overcome those challenges, each with its own merits and demerits, for further discussion.

Looking forward, data transparency and energy performance benchmarking will be crucial to further improve energy efficiency and decarbonise the building sector in Hong Kong. This will not only inform public policy, incentivise private investment in energy-saving design and technology, but will also drive behavioural change among building users.

[Click HERE for full report](#)

Jockey Club BEAM Plus in Schools Project Makes Debut

As the lead organiser, BEC is collaborating with BEAM Society Limited and Hong Kong Green Building Council for **Jockey Club BEAM Plus in Schools Project**, a 42-month project funded by the Hong Kong Jockey Club Charities Trust. Officially started in January 2020, the project aims at assisting Hong Kong's primary and secondary schools to reduce carbon footprint and to instil the benefits of green building concept into the next generation. It is anticipated that the project can reduce at least 10% carbon intensity for the participating schools. A new BEAM Plus rating tool for schools will also be developed and the participating schools will be BEAM Plus certified with this new tool.

The project is now open for application. In the past two months, BEC has received overwhelming response from the school sector. We are happy to announce **SKH St. Clement's Primary School** is the first participant of the project. Please contact beamplusschools@bec.org.hk for enquiries and application.



S.K.H.
St. Clement Primary School



[Click HERE for details & application](#)

BEC MEMBERS CORNER



BEC Council Member **Airport Authority Hong Kong (AAHK)** launched the inaugural issue of its quarterly environmental e-newsletter, which highlights the green initiatives implemented by AAHK and its business partners at Hong Kong International Airport. Aiming to share and promote the airport community's environmental efforts, the e-newsletter consists of three key sections – “Spotlight” which showcases the feature story of the issue; “Industry Trends” which shares updates on the latest environmental developments in the aviation industry; and “What’s Happening” which promotes environmental events at HKIA.

[Click HERE to learn more](#)



BEC Council Member **Schneider Electric** has installed about 500 electric vehicle (EV) chargers across 26 convenient locations in Hong Kong. All these charging points can now be found on Google Maps. By searching “Schneider EV”, “Schneider EV Charger”, “Schneider EV Charging” or similar related keywords on Google Maps, EV drivers can quickly locate the nearest EV charger at their fingertips.

Schneider Electric has also announced its membership in EV100 initiative, which aims to replace 14,000 company cars with EVs in over 50 countries by 2030 and bring down direct CO₂ emissions from company cars to zero. This further reinforces the company's commitment to sustainability and carbon neutrality.

[Click HERE to learn more](#)



BEC Council Member **CLP** has launched its new Sustainability Report and Annual Report, detailing the Group's long-term outlook at a time of accelerating climate change and changing market conditions. The Group identified decarbonisation and digitalisation as long-term drivers of transition and released the updated Climate Vision 2050 last year to guide the Group on existing and future operations and investments. In addition, CLP is further digitalising its operations and made progress in areas of big data, artificial intelligence and smart energy services. To continue building a Utility of the Future, CLP's priorities also include workforce transformation and reinforcing its cyber resilience.

[Click HERE to learn more](#)



BEC Corporate Member **Fung Group** is taking serious action to mitigate climate change, in particular, by reducing waste from its supply chain. In the global textile, apparel and footwear industry, the use of hazardous chemicals affects the environment as well as the health and well-being of both factory workers and end consumers. To address this risk, Li & Fung Limited, one of the Fung Group companies, launched the LF Better Chemical Management Program to monitor, reduce and ultimately eliminate hazardous chemicals in its supply chain. The program utilises technology to prevent factory managers from using hazardous chemicals during production, for example, wet processing. Moreover, results from a pilot run have shown improvement at the factories in controlling wastewater and air pollution at the operational level as well.

[Click HERE to learn more](#)

BEC MEMBERS CORNER



BEC Corporate Member **Hong Kong Air Cargo Terminals Limited (Hactl)** has completed its sustainability education programme "Sustainable Trees". Last year, Hactl was aware that some of its Eucalyptus trees on the rooftop of its headquarters had to be removed due to aviation safety concern. As a response, Hactl collaborated with a local NGO and 5 schools in Tung Chung to design a programme that involved transplanting 7 trees and holding for students in these schools several mushroom cultivation workshops using shredded wood. The programme aimed to educate students about the concept of sustainability and remind everyone of the importance of environmental conservation.

[Click HERE to learn more](#)

To help the local community cope with the coronavirus outbreak, BEC Corporate Member **SGS Hong Kong (SGS)** is paying extra effort to support an eco-system establishment of mask production in Hong Kong. Its "Made in HK. Qualified in HK." concept aims to ensure more local manufacturers minimise wastage of unqualified masks and produce standards-compliant surgical masks for the community. SGS hopes to contribute to a sustainable local mask production, minimise wastage during production and help local manufacturers comply with a quality standard.

[Click HERE to learn more](#)

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 Corporate Member **NWS Holdings** is committed to strong environmental, social and governance (ESG) and strives to embed sustainability into every aspect of its business. NWS's newly opened satellite office at KOHO, Kwun Tong, was designed with the environment and the wellness of its users in mind. Featuring a contemporary design, the open office optimises the use of natural light and deploys energy-efficient lighting and air-conditioning systems, etc. Flooring material such as carpet is made of recycled content while wood is FSC certified. As NWS emphasises the importance of workplace wellness, the company installed green walls near workstations and offers height-adjustable sit-stand work desks to help reduce back strain caused by prolonged sitting. Break out areas are also set up to facilitate collaborative discussions while the games room allows staff to relax. NWS believes that integrating green and wellness design into the office not only helps combat climate change in a practical way, but also provides a healthier work environment, which in turn improves staff performance and productivity.

[Click HERE to learn more](#)



BEC General Member **Crown Gas Stoves (Holdings) Limited Company (CGS)** strives to bring quality and eco-friendly products to its customers. When local households install new water heaters, they often have to dispose of the existing flue pipe, due to the incompatibility between the new heater and the old flue pipe. To minimise wastage during installation, CGS proposed a solution by launching a water heater that can be easily fit into the flue pipe of the previous models, making the flue pipe 100% reusable. CGS will continue to innovate more eco-friendly products and technologies and promote the importance of environmental responsibility and sustainable practices.

[Click HERE to learn more](#)

BEC MEMBERS CORNER



BEC General Member **Delta Pyramax** has been awarded a project for the supply and installation of Sunpipes at San Wai Sewerage Treatment Plant Phase 1. Sunpipe is an energy free, super reflective tube that has internal mirror finish to intensify and reflect natural daylight from outdoor into a building or a room, where the daylight is then evenly diffused by a translucent ceiling fixture. In this project, a total of 63 sets of Sunpipes of two different diameters will be installed, which is expected to save 75% of artificial lighting in daytime. Upon installation, areas without windows will also be accessible to natural sunlight, which enhances human well-being through maintaining circadian rhythm and lifting people out of depression.

[Click HERE to learn more](#)



BEC General Member **Jinchat Engineering (HK)** organised a seminar on the latest green Internet data centre (IDC) market trend in China in October 2019, receiving positive and fruitful feedback. Keynote speaker Mr Yao Yun, Committee member and supervisor of the expert team of China Data Centre Standardisation Association, Committee member of China Power Supply Society and Head Consultant of China IDC Investment Fund, discussed the total IDC market value, its growth rate and sources of major growth in the seminar. He also gave a detailed account of the latest design trend of Green IDC in mainland China. Jinchat's export manager Mr Ray Tse then shared with the participants the latest development and trend of mechanical ventilation and air conditioning (MVAC) control and monitoring system. With the deployment of a "mini building management system (mini-BMS)", which possesses various sophisticated functions, the efficiency and effectiveness of the whole MVAC system can now be greatly enhanced.

[Click HERE to learn more](#)

BEC PAST EVENTS

BEC Jockey Club Intelligent Resource Management Programme

As part of the "BEC Jockey Club Intelligent Resource Management Programme", BEC organised **waste reduction and resource recycling workshops** for local primary and secondary schools' Green Ambassadors. Sha Tin Community Green Station was invited to teach the Green Ambassadors to make natural mosquito repellent incense cones. Students were shown how to make use of natural ingredients instead of using chemical mosquito repellent. They could then share the method with their peers and families.

In another workshop co-organised with New Life Psychiatric Rehabilitation Association, BEC introduced local food waste problem and recycling concepts to the Green Ambassadors. Through mushroom cultivation, Green Ambassadors used different resources, such as rice bran and used mushroom bags, to create new mushroom substrates. In this connection, Green Ambassadors also used recycling materials to make a greenhouse for mushroom cultivation. After that, they will promote food waste reduction and recycling practices in school.

BEC also cooperated with Eastern Community Green Station earlier to organise a natural scrub and mask workshop for the Green Ambassadors. Students learnt to use natural skin care methods, which are healthier and more eco-friendly. They could then promote the benefits of using natural skin care products in their campuses.

[Click HERE for details & application](#)



BEC UPCOMING EVENTS

Due to the coronavirus outbreak, BEC has postponed some events to a later date in order to ensure the health and safety of all our partners and participants. For updated schedule of events, please check out [BEC's Event Calendar](#).

Call for Corporate Volunteers! - Green Living Day, Green Delight in Estates 2020 2, 16, 23, 30 May



We are now recruiting corporate volunteers to join BEC and the Hong Kong Housing Authority to launch the **Green Living Days** and **Eco Tours** in May, under the long-term community environmental programme Green Delight in Estates. Corporate volunteers will assist in reception, photo-taking and crowd management, as well as operations of different booths, including carnival games, bartering activities, forums and workshops. For enquiries, please contact **Ms Silver Lo** (T. 2784 3914 | E. silverlo@bec.org.hk).

[Click HERE for details & registration](#)

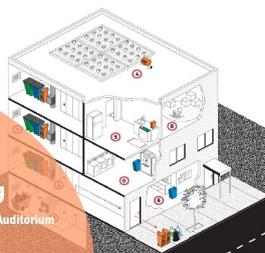
BEC Low Carbon Charter 1st Anniversary Ceremony 15 May



BEC Low Carbon Charter

Save the date! Celebrate the first anniversary of the **BEC Low Carbon Charter** with us on 15 May at BEC Auditorium. BEC will introduce the new signatories while existing and new signatories can share their decarbonisation experiences and co-learn from each other. Stay tuned for more details!

"Designing Buildings for A Zero Waste Hong Kong" Rescheduled to 26 May



Designing Buildings for A Zero Waste Hong Kong

26 May 2020 (Tuesday), 4:00p.m. – 6:00p.m., BEC Auditorium

Following the development of Zero Waste Design Guidelines in New York City, leaders in sustainable design from Hong Kong, Singapore and NYC are collaborating to share design strategies, case studies and policy suggestions that help dense cities reach zero waste goals. BEC will co-organise with Center for Zero Waste Design a seminar entitled **"Designing Buildings for A Zero Waste Hong Kong"** at BEC Auditorium on 26 May. Ms Clare Mifflin, the architect who led the NYC process, will engage in a discussion with leaders of sustainable design in Hong Kong as the collaborative project begins.

[Click HERE for details & registration](#)

ReThink 2020 23 & 24 June



rethink-event.com/joinus

BEC is proud to be the Programme & Education Partner for **ReThink 2020**, organised by BEC General Member **EnviroEvents HK** on 23 and 24 June. ReThink is designed specifically for professionals who are driven by sustainability goals for their business or organisation, and the 2020 event is focused on answering one of the most crucial questions for companies in our city: How can we help businesses in Hong Kong accelerate change towards a more sustainable future? Two of the four Keynote Speakers have been announced: Ms Nicola Evans, Marketing & Communications Lead, Ellen MacArthur

Foundation on "Sustainability is no longer sustainable" and Mr Constant Van Aerschot, Director, Asia Pacific, World Business Council for Sustainable Development on "Circular economy indicators".

BEC Members can access additional benefits for ReThink 2020 and all delegate fees for ReThink 2020 will go to charity. Email karen.k@rethink-event.com for further details.

[Click HERE for more details](#)

BEC INSTITUTE OF ENVIRONMENTAL EDUCATION (IEE) TRAINING COURSES

GRI Standards Certified Training Course



25 & 26 May

ISO 14001:2015 Internal Auditing (5th Intake)



4 & 5 June

Intensive Training on Indoor Mould Inspection and Management (7th Intake)



12 June

[Click HERE for details & registration](#)

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 environmental 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.

Your Feedback Matters - BEC IEE Survey

For us to keep improving our environmental education programmes, it would be grateful if you could spare a few minutes to fill out this online survey. As a token of gratitude, we will offer a **one-off 5% discount** on selected BEC IEE courses (co-organised courses are excluded). Thank you for your support. For enquiries, please contact us at T. 2784 3937 | E. beciee@bec.org.hk

[Click HERE for the survey](#)



BEC SUPPORTED EVENTS

- **Dialogue with Mo: Climate Change & Sustainable Future** | Engineers Without Borders (Hong Kong) Limited | 4 April
- **IE Expo China 2020 - Hong Kong Pavilion** | Environmental Protection Department (sponsor), Federation of Hong Kong Industries (implementation agent) | 10-12 June
- **Symposium on Smart City Development** | BEAM Society Limited | Rescheduled to September

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