





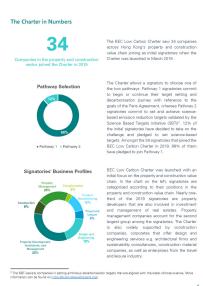


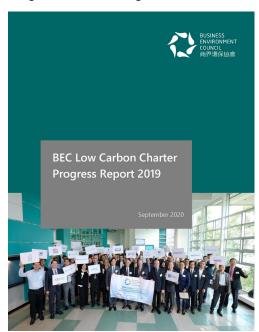


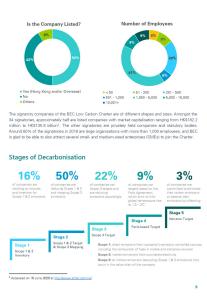
SEPTEMBER 2020

# BEC E-NEWSLETTER

Connecting · Nurturing · Creating for a Sustainable Environment







## **BEC LOW CARBON CHARTER PROGRESS REPORT 2019**

BEC has released BEC Low Carbon Charter Progress Report 2019, which analyses and summarises data submitted by the signatories who joined the Charter in 2019.

The BEC Low Carbon Charter was launched in March 2019 to mobilise companies in the property and construction value chain to contribute with collective resolve towards Hong Kong's long-term decarbonisation. The Charter was expanded to welcome companies and organisations from all sectors to join from 2020 onwards.

We hope the excellent achievements of these pioneers can galvanise action and commitment among the wider business community. To date, 72 signatories have pledged to set and achieve decarbonisation targets and contribute to Hong Kong's transition to a low carbon economy. Companies and organisations from all sectors are welcome to join us on this decarbonisation journey!

Click HERE to read the full report **Learn more about BEC Low Carbon Charter** 

### **Reverse Vending Machine Installed at BEC Building**



BEC has recently joined hands with Cornerstone Technologies to install a Reverse Vending Machine (RVM) at G/F of BEC Building to encourage all BEC building users and the public to recycle plastic beverage bottles properly. The RVM is a welcomed addition to a wide range of existing collection bins for waste paper, plastics, metals, glass containers, ink cartridges and beverage cartons. Plastic beverage bottles PET #1 from 330ml to 1.5L can be recycled through the RVM. When you use the machine, you can also gain points and redeem evouchers! All you need to do is simply empty the bottles thoroughly before inserting them to the RVM.

#### **UNITAR e-Conference - The UN SDGs and the Private Sector**



The United Nations Institute for Training and Research (UNITAR) in Switzerland organised an e-Conference on 24 September entitled "The UN SDGs and the Private Sector" for participants to better understand the United Nations' 17 sustainable development goals, and learn how their company, organisation, NGO or non-profit association can contribute to achieving these goals. **Dr Nadira Lamrad, Assistant Director –**Sustainability & ESG Advisory of BEC, joined as a panellist in the panel discussion on Climate Change and Sustainability Efforts.

#### **BEC Publishes EnviroSeries Conference Summary Report**



In July 2020, BEC held its EnviroSeries Conference entitled "Business Sustainability in the midst of Disruption, Turbulence and Recovery", to highlight the tough challenges, extended risks but also new-found opportunities faced by businesses during the pandemic and the road to recovery.

The conference report that summarises the key messages from speakers and panel discussions, plus BEC's own insights, is now available for download.

Click HERE to access the report

## **BEC MEMBERS CORNER**



BEC Council Member **Airport Authority Hong Kong (AAHK)** has installed a Building Analytics (BA) system at the Hong Kong International Airport which utilises big-data analysis to detect and diagnose potential equipment faults or operational irregularities in AAHK's major systems. The BA system uses more than 50,000 data points to examine a variety of equipment parameters and terminal conditions in real time, including the energy efficiency of airconditioning, temperature and humidity. It is estimated that an annual energy saving of 3% can be achieved in Terminal 1 by using the BA.

## 華懋集團 Chinachem Group

Committed to fostering sustainable development and making Hong Kong a more liveable city, BEC Council Member **Chinachem** has introduced Enertainer, a battery storage system, to improve the environment of its construction sites and surrounding areas. Chinachem is the first real estate developer in Hong Kong to make use of the Enertainer system which replaces traditional diesel generators. It can effectively reduce the air pollution, noise and fire risk caused by diesel generators on construction sites, thereby enabling developers to promote the use of clean energy.

Click HERE to learn more



BEC Council Member **Kerry Properties Limited** has published its online Sustainability Report 2019 to demonstrate its ongoing efforts and achievements on sustainable development. With a theme of "Moving Forward As One", this report outlines its newly enhanced Vision 2030 and related targets which are aligned with the United Nations Sustainable Development Goals (UNSDGs), as well as key sustainability performance during the year.

Kerry Properties welcomes readers to provide feedback by filling in an online survey. Continuing the good act that it has made with the past reports, Kerry Properties will double the kind deed and donate HK\$200 per feedback received to a charitable organisation of reader's choice this year.

## **BEC MEMBERS CORNER**



BEC Council Member **Schneider Electric** has announced that The Quayside, an award-winning commercial building in Kowloon East CBD, has successfully deployed EcoStruxure™ for Building solutions. The Internet of Things (IoT)-enabled architecture optimised the entire building's power distribution, lighting, and HVAC (heating, ventilation, and air conditioning) through 30,000 connection points, visualising energy consumption in a one-stop digital

platform for lifetime energy efficiency improvements, as well as delivering a superior indoor environment for occupant experiences. Besides, the parking spaces are also equipped with 100 Schneider Electric EVlink Charging Stations, enabling the property as one of the most electric-car-friendly buildings in Hong Kong.

Click HERE to learn more



In addition to the Gold rating under BEAM Plus Interiors (V1.0) certification, BEC Council Member **Shell Hong Kong Limited** has further attained Silver rating under LEED® certification with its Siu Lam Station – the first ever petrol station in Hong Kong and in the world to be accredited LEED v4 Interior Design and Construction (ID+C): Retail with Silver Rating for its sustainable interior design and construction. Created and maintained by a US non-profit organisation, LEED® certification is a globally recognised symbol of sustainability

achievement and leadership. By embedding sustainability at the heart of business, Shell is pursuing efforts to implement more green measures in its station network.

Click HERE to learn more



BEC Council Member **The Hong Kong and China Gas Company Limited (Towngas)** has been ranked first in both the 5th Hong Kong Business Sustainability Index (HKBSI) and the 1st Greater Bay Area Business Sustainability Index (GBABSI) from The Chinese University of Hong Kong Business School's Centre for Business Sustainability. As the only enterprise to be

ranked at the highest Exemplar Tier for the second consecutive year, the recognition underscores Towngas' leading sustainability performance in Hong Kong and the Greater Bay Area.

The two accolades are testament to the Group's emphasis on sustainable operations and corporate social responsibility.

Through proactive initiatives to address stakeholder expectations and demands, Towngas strives towards sustainable corporate and social development.

Click HERE to learn more



BEC Council Member **HK Electric**'s Electric Tower, one of the company's main buildings, has won the Hanson Grand Retro-commissioning (Implementation) Award of the Energy Saving Championship Scheme 2019 jointly organised by the Environment Bureau and the Electrical & Mechanical Services Department. The retro-commissioning (RCx) measures implemented in the building include installing an Al-based energy saving system for the air-conditioning units in the data centre, upgrading the chilled water plants from air-cooled to water-cooled ones,

replacement of lighting appliances with more energy-efficient types featuring photocell and occupancy sensors for smart control, as well as utilising a building management system with control parameters and performance indicators for on-going improvement. By integrating the RCx concept into its day-to-day operations, HK Electric has demonstrated excellence in achieving energy conservation while reducing carbon emission.

Click HERE to learn more



ATAL Engineering Ltd 安樂工程有限公司

BEC Corporate Member **ATAL Engineering Limited (ATAL)** has actively participated in research and development, as well as adoption of innovative technologies in E&M works to improve productivity, safety and sustainability. In InnoCell at Hong Kong Science Park, one of the first Modular Integrated Construction (MiC) pilot projects in the city, ATAL has applied Building Information Modelling (BIM) technology and integrated it with modularisation of

Mechanical, Electrical and Plumbing (MEP) systems. By using BIM technology, MiC works in the factory and off-site prefabrication of MEP systems can be well coordinated to enable seamless assembly or installation of different modules at the construction site. Comparing with conventional approach, MEP modularisation substantially enhances efficiency and construction quality and also reduces material wastage.

**Click HERE to learn more** 

## **BEC MEMBERS CORNER** ~~~



BEC Corporate Member Fung Group is committed to managing resources in a responsible manner, and further improving processes for a circular economy. Under the ongoing FUNG GROUP coronavirus situation, anti-pandemic procedures are still set in place. All factory and office workers must sanitise their hands regularly, check temperature, and put a face mask on before entering the facilities. Despite all, recycling operations are continuing in both factories

as well as offices. Over 32.2 tonnes of recyclables were diverted from landfills from March to August 2020. The recycling rate is over 38%, higher than the average of 17.2% in the previous 6 months, driven by the education of workers to carry out a smooth process. Fung Group continuously aims to minimise the amount of waste and reuse materials. Potential programmes include composting of food waste and using eco-friendly toilet paper in office buildings. **Click HERE to learn more** 

**⊘** Hactl

BEC Corporate Member Hong Kong Air Cargo Terminals Limited (Hactl) has prepared ecomask holders for all their staff, both as a convenient item for their day-to-day life during this masks-in-demand time, and as a Mid-Autumn Festival gift.

The eco-mask holder is made of sanitised upcycled wallpaper sample, featuring a durable surface that can be wiped with alcohol after use. To live out Hactl's commitment to sustainability while addressing the health and safety concerns during the pandemic, each holder is sealed in a non-toxic, biodegradable and water-soluble plastic bag. Furthermore, the holders are folded by a group of low-income parents. These valuable job opportunities allowed them to support themselves financially while taking care of their families. Hactl hopes to care for their neighbours by supporting the vulnerable groups in the community.

**Click HERE to learn more** 



BEC Corporate Member Intertek Hong Kong has gathered some eco-friendly facemasks and sanitisers donated by its customers and distributed these "Anti-COVID carepacks" to the underprivileged this month. 100+ senior homecare centres, 20,000+ singleton elderly and 100+ low-income street cleaners have benefitted from these personal protective equipment products which were all tested by Intertek. Upcycled bags are used to further serve Intertek's commitment to sustainability. In this way, Intertek is making its own modest contribution by helping the neediest in the community to get through these difficult times.

**Click HERE to learn more** 



BEC Corporate Member Arup has published an article on urban resilience, highlighting the key considerations to help cities better fight diseases and prepare to respond more rapidly and effectively in the post pandemic world.

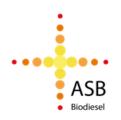
The article explores how city-wide digital transformation enables a greater capacity and reliability to react better and faster to changing social and economic needs; what urban planners should take into consideration in urban planning - to assess and mitigate the impact of crisis on disadvantaged communities and marginalised groups; as well as how privatisation and decentralisation of public services will be a favourable design that can reduce single points of failure, cope with surges in demand and deliver operational efficiencies. **Click HERE to learn more** 

Embracing sustainability at the heart of its services, SGS, the industry leader named by the Dow Jones Sustainability Index, is committed to minimising environmental impacts on its business and customers' operation.

BEC Corporate Member SGS Hong Kong (SGS) works with its customers worldwide to uphold the value of sustainability through its services, including certifications, training courses, reporting and benchmarking, carbon emission related services and services for materials and products, like vegan products and upcycling products. SGS is globally recognised for its sustainability efforts and achievements, and the teams are here to help you achieve your sustainability goal, together.

**Click HERE to learn more** 

## **BEC MEMBERS CORNER** ~~~~



BEC General Member ASB Biodiesel (HK) is committed to turning waste into energy while promoting green environment and sustainability. To achieve this goal, the company is greatly promoting the use of B5 biodiesel, which consists of 5% biodiesel blended with 95% fossil fuel diesel. This greener fuel emits less carbon dioxide, other greenhouse gases and pollutants compared to fossil fuel diesel. ASB Biodiesel (HK) will launch a series of campaign to raise the awareness of using B5 biodiesel.

**Click HERE to learn more** 



BEC General Member BYME Engineering (HK) has put in endless effort in the sustainable development of daily operations. After implementing the "Paperless Policy" to minimise the use of paper, it has successfully saved 83% of paper. Recently, BYME has launched a brandnew e-platform - "eParaph", which enables its staff to submit forms and check the status

anytime and anywhere to make the system greener and more effective. BYME will continue to promote environmental ownership and sustainable practices, such as the innovative prefabricated tunnel lighting system which won the company the CEDD T2 Trunk Road project. The company also intends to use MiC and DfMA in various projects for AAHK and CEDD.

#### **Click HERE to learn more**



BEC General Member Cornerstone EV Charging Service Limited, through its sister company, has been fulfilling its dedication in fostering a cleaner and healthier environment by placing more reverse vending machines (RVMs) in the community for plastic drinking bottle, aluminium can and tetra pak recycling. In August, 7 more machines were placed around Hong Kong Science Park. The public is encouraged to recycle through the RVMs and redeem e-

vouchers in a mobile app. With the advanced technology, recycling is much easier. We believe consumers' behaviour and habits are spontaneously changing in a positive manner.

#### **Click HERE to learn more**

## CUNDALL

BEC General Member Cundall is pleased to announce that the Construction Industry Council's (CIC) Carbon Assessment Tool (CAT) is now integrated into the BEAM Plus NB V.1.1 and 1.2. Cundall assisted CIC to develop and implement the first standardised carbon assessment

tool in Hong Kong which aims to create a common platform to evaluate the carbon performance of buildings and infrastructure in Hong Kong from raw material extraction to the end of construction. It is hoped that the tool will drive the industry forward on the decarbonisation journey and facilitate the industry to realise the savings that can be made. Following the launch of the tool in December 2019, the integration of CAT into the BEAM Plus NB V.1.1 and 1.2 will further facilitate the understanding of embodied carbon in construction materials and carbon emissions created by the on-site construction process.

#### **Click HERE to learn more**



BEC General Member Delta Pyramax has been working with a casino resort in Macau to deal with its odour problem from kitchen drains. Conventionally, this issue is tackled chemically with diluted bleach, which severely damages the ecology and environment. To be more environmentally friendly, Delta Pyramax decided to install Trap Guard at the drains to provide

a physical barrier to sewer gases and raw sewage. Trap Guard prevents the emission of sewer gas from escaping the drains when water seal in the trap evaporates. Without using any chemicals or bleaches, the odour problem can be solved.

**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 MEMBERS CORNER** ~~~



BEC General Member **EnviroEvents HK** is organising ReThink 2020 on 28 and 29 October. The Event Sponsor Cundall is committed to delivering positive change in the world. Participants can take a deeper look into the new circular economy models at ReThink 2020 on Day 2. Cundall's Jonathan Yau, Associate Director, alongside Helen Amos, Principal Sustainability Consultant, will also host daily workshops covering Advancing Net Zero Carbon – Corporate

Strategy on Day 1 and Social Return on Investment – Adding Social Dimension to Financial Decisions on Day 2. Discover how they use One Planet Living Principles and SDGs to guide them - all at ReThink 2020!

**Click HERE to learn more** 



For more than 20 years, BEC General Member **GlobeScan** has tracked global expert opinion on the sustainability agenda, ranking the companies perceived as leaders in integrating sustainability into their business via the *GlobeScan-SustainAbility Leaders Survey*. In mid-2020, over 700 experts in 71 countries representing business, government, NGOs and academia were interviewed. In addition to asking the regular tracking questions we include

each year, we also took the opportunity to ask about the impact of COVID-19 on the sustainability direction. Read the annual findings and regional insights from GlobeScan's Director of Asia Pacific Wander Meijer at the link below.

**Click HERE to learn more** 



As an ESG advisory firm specialising in coordinating sustainability reporting projects with reference to international standards, BEC General Member **GreenCo ESG Advisory Limited** (**GreenCo**) endeavours to promote the environmental awareness and the sustainability of corporation through sharing expert opinions in corporate sustainable development, providing

ESG training and delivering the latest sustainability-related research to its clients, who are widely distributed across various industries. GreenCo believes that appropriate and transparent reporting is crucial for the effective communication of a company's sustainability performance and is beneficial to informed decision-making of investors. Thus, it has published an infographic summarising the important takeaways about meeting the ESG reporting requirements that commenced on 1 July 2020 with reference to the Frequently Asked Questions Series 18 released by the Hong Kong Stock Exchange.

**Click HERE to learn more** 



BEC General Member **Mayer Brown** partner Mark Uhrynuk and registered foreign lawyer Alexander Burdulia authored an article entitled 'Understanding the "S" in ESG: Guidance for Asset Managers and Investors in a COVID-19 Paradigm and Beyond'. As interest in environmental, social and governance (ESG) matters has grown among the business

community globally, environmental and governance issues have attracted the most attention. However, the social changes occurring as a result of the COVID-19 pandemic have brought the "S" in ESG into focus. Issues around health care, employee welfare, labour rights and supply chains must be considered, not only by business owners, managers and employees, but also by asset managers and investors. This article provides a high-level framework for understanding social issues in all contexts and highlights points arising out of the COVID-19 pandemic for market participants to consider.

Click HERE to read the full article



BEC General Member **Mitsubishi Electric (Hong Kong) Limited** has received an order from MTR Corporation Ltd in Hong Kong for three Station Energy Saving Inverter (S-EIV®) systems, which enable surplus regenerative energy produced when trains brake to be converted into low-voltage AC electricity for powering station facilities, such as lighting, air-

conditioning, escalators and lifts. Able to capture an average of 560 kWh of regenerative energy per day, the system is viewed as a new promising energy saving solution for railway companies to upgrade their energy saving operations. The installation is scheduled for completion in July 2021.

Click HERE to learn more

# Please join us in welcoming our new members

## **Corporate Member**

Ponie Int'l (HK) LtdL



#### **General Member**

- GlobeScan Incorporated (re-joining)
- NAP Acoustics (Far East) Limited
- Rubner Holzbau GmbH

## BEC PAST EVENTS otag

Webinar: Science Based Targets in Reality – The Swire Coca-Cola Case Study



BEC co-organised a webinar on science based target (SBT) with Reset Carbon and Swire Coca-Cola on 15 September. In the webinar, Mr Simon Ng. Director -Policy & Research of BEC introduced the BEC Low Carbon Charter. To date, 72 signatories have pledged to set and achieve decarbonisation targets, of which 7 have selected SBT as their pathway to decarbonise. Mr William Davies, General Manager, Sustainability of Swire Coca-Cola (SCC) was joined by Mr Liam Salter, CEO of RESET Carbon to describe SCC's SBT journey and the main challenges they encountered. Our speakers also addressed the audience's concerns about the topic, from senior management involvement, impact on budget planning, setting interim targets, the role of renewable energy, engagement with supply chain partners, government policy on waste, to the impact of COVID-19 on decarbonisation under the post-pandemic "New Normal".

# 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 Jaz Chan (T. 2784 3912 | E. jazchan@bec.org.hk) for submissions and enquiries.

# BEC Low Carbon Charter Workshop: How to reduce emissions along the company value chain



BEC organised on 21 September the BEC Low Carbon Charter Workshop on how to reduce Scope 3 emissions, in response to a mounting urgency for companies to also decarbonise their value chains, especially for those with a substantial part of greenhouse gas (GHG) emissions that lies outside their own operations.

In the webinar, Ms Cindy Yiu of RESET Carbon gave an introductory presentation about Scope 3 emissions and the framework for setting targets. Mr Ryan Burrows of AECOM also shared their experience in measuring and targeting Scope 3 emissions using science based target. The panel discussion that followed featuring Ms Cindy Yiu and Ms Alvina Chau of RESET Carbon, Mr Rex Kan of HAECO and Mr Mike Kilburn of Airport Authority Hong Kong (AAHK) discussed in depth the learnings from AAHK's airport-wide carbon reduction programme, their collaboration with business partners, and how companies, including SMEs, could start working with their value chain partners on reducing Scope 3 carbon emissions.

## BEC UPCOMING EVENTS -- //-

#### SBTi Webinar Series: Setting Science-based Targets in Asia 20 October



DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

BEC is an outreach partner of the SBTi Webinar Series: Setting Science-based Targets in Asia, the first-ever SBTi Asia webinar series of CDP Hong Kong. It will be a great opportunity to generate a region-focused discussion and deep dive into science-based target setting. **Mr Simon Ng, Director – Policy & Research of BEC,** will speak about his experience on the BEC Low Carbon Charter in Webinar 1: The Business Case for Setting Science-based Targets on 20 October.

**Click HERE for more details** 

### Asian Energy Studies Centre Buildings Energy Efficiency Workshop (invitation-only) 23 October



Asian Energy Studies Centre of Hong Kong Baptist University is hosting an invitation-only workshop on buildings energy efficiency in Hong Kong and the Greater Bay Area on 23 October. **Mr Simon Ng, Director – Policy & Research** will join the workshop and participate in the discussion as BEC is a co-organiser of the event.

**Click HERE for more details** 

ReThink 2020

Rescheduled to 28, 29 October





rethink-event.com/joinus

**ReThink 2020**, which BEC is the Programme & Education Partner, is designed specifically for professionals who are driven by sustainability goals for their business or organisation. 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? Do support this event as all delegate fees for ReThink 2020 will go to charity.

**Click HERE for more details** 

#### Eco Asia Conference 20 November

As part of Eco Expo Asia 2020, **Eco Asia Conference** will be held as an online event this year due to the ongoing COVID-19 pandemic. **Mr C.W. Cheung, Director – Development of BEC**, will moderate the session on Circular Economy. More details will be announced in due course!

#### **BEC EnviroSeries Conference** 27 November

Save the date! The upcoming BEC EnviroSeries Conference entitled "Urban Transport on the Move: Connecting Policies, People and Business Opportunities" will be held on 27 November. Due to the restriction on group gathering, BEC has decided to switch this upcoming Conference to an online mode. Stay tuned for further updates!

**Click HERE for more details** 

## **BEC SUPPORTED EVENTS**



- CIOB (HK) Conference 2020: "Smart Construction Digital and Robotic Application" | The Chartered Institute of Building (Hong Kong) | 10 November
- Social Enterprise Summit "new normal collective power" | Hong Kong Social Entrepreneurship Forum | 19-21 November
- "My Green Space" Student Competition 2020-21 | Hong Kong Green Building Council | Now till May 2021

**Click HERE to see more** 

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