



BEC E-NEWSLETTER

Connecting · Nurturing · Creating for a Sustainable Environment



BEC SUSTAINABILITY REPORT 2019

BEC has published Sustainability Report 2019, our third biennial sustainability report, describing how BEC works with over 200 corporate members, stakeholders and the wider community to enable **sustainability**, enhance **environmental performance** and contribute to the transition to a **low carbon economy** in Hong Kong.

In fiscal year 2017-18 and 2018-19, BEC delivered:

- **348** environmental projects
- **155** community engagement activities
- **9** policy submissions
- **43%** reduction in BEC Building’s greenhouse gas (GHG) emissions *
- **31%** reduction in BEC Building’s energy consumption *

* Compare to the baseline year (FY 2012-13)

The report covers how BEC is an enabler within the sustainability ecosystem working to **deliver value to our members, drive government and business action**, and **demonstrate leadership using BEC Building as a “Green Lab”**. Furthermore, it assesses the impact of BEC’s initiatives to determine opportunities where it can contribute to the concerted efforts to meet the United Nations Sustainable Development Goals (SDGs), emphasising **SDG 4: Quality Education** and **SDG 17: Partnerships for the Goals**. The report reinforces BEC’s commitment to drive positive sustainable change in Hong Kong guided by the 3 organisational strategic priorities. BEC will continue to leverage its expertise to support and advise companies in Hong Kong to reach the forefront of global sustainability trends. Demonstrating leadership in Hong Kong’s journey to a **net-zero carbon future** is core to BEC’s organisational objectives, therefore, BEC plans to commit to a long-term decarbonisation strategy which includes plans for setting BEC’s own carbon reduction target and strategy.

[Click HERE to read the full report](#)

BEC Low Carbon Charter Workshop: How to Set Robust Decarbonisation Targets



BEC Low Carbon Charter Workshop: How to Set Robust Decarbonisation Targets was successfully held on 31 July with over 50 online participants. **Mr S.M. Lee, Senior Scientific Officer (Climate Forecast Services and Climate Change Studies), Hong Kong Observatory**, highlighted the importance of decarbonisation for Hong Kong businesses in tackling global warming. Moreover, **Mr Don Tse, Senior Technical Manager of Hongkong Land Limited**, shared his successful experiences in decarbonisation target-setting and the journey of achieving the targets.

Ir C.F. Leung, Director - Operations of BEC, and **Dr Nadira Lamrad, Assistant Director - Sustainability & ESG Advisory of BEC**, gave their insights on decarbonisation and answered enquiries on decarbonisation target-setting and other low carbon initiatives.

[Learn more about BEC Low Carbon Charter](#)

BEC Launches Latest Service Pack

BEC has launched our new Service Pack, which introduces BEC and our work including research, advisory, training and stakeholder engagement. Our Service Pack covers nine sections, namely **About BEC, Membership, Events and Venue Hire, Policy and Research, Green Building and IAQ Advisory, Environmental Management, Sustainability and ESG Advisory, Community Engagement and BEC Institute of Environmental Education**. Contact information of respective BEC staff is depicted in each section of the Service Pack if you wish to understand more about any of the above mentioned work and service.

[Click HERE to download BEC Service Pack](#)

BEC MEMBERS CORNER



BEC Council Member **Airport Authority Hong Kong (AAHK)** is fully supporting the In-To Tung Chung River Conservation project through the HKIA Environmental Fund. Initiated by a local environmental NGO, the three-year project involves the close collaboration between key government departments, academia, NGOs, and the local community to improve the environment and the quality of life of local residents. An annual interflow webinar meeting was held on 17 July, where stakeholders discussed the eco-tourism development potential along the Tung Chung River. Established by AAHK, the HKIA Environmental Fund provides funding support for projects initiated by local non-profit making organisations that promote the sustainable development of the airport and nearby communities.

[Click HERE to learn more](#)



BEC Council Member **Siemens Limited** is hosting the virtual Siemens Innovation Day 2020 on 17 September. Highlighting the growing calls for innovation, Siemens will gather thought leaders and technological experts from all over the world under the theme "Reshape · Co-create". The conference will demonstrate the potential of innovation in building, energy, airport and re-industrialisation as well as to explore the adoption of technologies with the impact of COVID-19. Register now to spark dialogues on sustainable smart city development for Hong Kong to thrive in this new age.

[Click HERE to learn more](#)

BEC MEMBERS CORNER



BEC Council Member **HK Electric** received award labels under the Green Office Awards Labelling Scheme (GOALS) and Eco-Healthy Workplace Awards Labelling Scheme initiated by a local green group for its headquarters Hongkong Electric Centre in Spring 2020. To promote sustainability, HK Electric has committed to "Energy Saving Charter" and "4T Charter" promulgated by EMSD and has been implementing best practices for its office, such as using energy-efficient equipment and smart lighting control; switching off lights during lunch time; and using electric vehicles and water efficient appliances.

The Company also promotes waste-free and waste reduction culture by centralising rubbish bins in the office; collecting food waste and donating unconsumed food; and encouraging recycling of glass bottle, printer cartridge/tonner and rechargeable battery on top of paper, plastic and metal at office. Moreover, digitalising work process such as e-procurement, e-tendering helps reduce office paper consumption.

[Click HERE to learn more](#)



BEC Corporate Member **Allied Sustainability and Environmental Consultants Group Limited ("AEC Group")** has joined the growing global network of Carbon Disclosure Project (CDP) accredited solutions providers and become the first CDP accredited climate change consultancy provider from Hong Kong. CDP runs the global environmental disclosure system and supports thousands of companies, cities, states and regions to measure and manage their risks and opportunities at the request of their investors and stakeholders, covering climate change, water security and deforestation. Through partnering with CDP, AEC Group strengthens its edge in sustainability strategy development and advisory services in supporting companies from diverse industries to improve their ESG disclosure, which helps tackle climate-related risks and identify new opportunities for action to meet the growing demand from investors and clients from around the world.

[Click HERE to learn more](#)



ATAL Engineering Ltd
安樂工程有限公司

BEC Corporate Member **ATAL Engineering Limited (ATAL)** strives to provide innovative solutions for energy efficiency purpose. Leveraging big data analytics and physics-guided machine learning, ATAL's award-winning energy analytics platform helps achieve optimum performance and energy savings in air conditioning systems. Developed by in-house research and development team, this AI-driven solution not only ensures accurate modelling and prediction of the actual performance of the equipment, but also evaluates severity of defected faults and gives recommendations for trouble shooting. It has already been applied in many Grade-A offices, achieving proven energy savings.

[Click HERE to learn more](#)



BEC Corporate Member **Hong Kong Air Cargo Terminals Limited (Hactl)** has implemented a number of green initiatives in reducing waste, one of which is placing 139 recycle bins throughout Hactl to raise staff awareness in recycling. Common office recyclables like paper, plastic bottles, aluminium cans, batteries, discs and cartridges are regularly collected and recycled. The light-brown recycle bins are specially designed by a local green group and made from recycled wood in order to give a second life to the wood waste. Trapezium-shaped, the recycle bins can fit together like puzzle pieces to give a chill and green look.

[Click HERE to learn more](#)

BEC MEMBERS CORNER



BEC Corporate Member **Intertek** lately published a free e-book “Travel, Truth and Lies Unmasked” in association with the best-selling author and behavioural psychologist, Martin Lindstrom. Combining interesting facts about the environment and practical tips, the book provides anyone who is contemplating travel in the post-COVID-19 world with essential health, safety and sustainability advice to give them the peace of mind needed to start travelling again.

[Download your free e-copy HERE](#)

ARUP

BEC Corporate Member **Arup** published an article on the future of transport resilience changed by the COVID-19 pandemic, exploring the advantages, current adoption and challenges ahead of a robust future-oriented public commuting system. Driven by a host of emerging technologies, such a future will feature connected and autonomous vehicles (CAVs) that are constantly fed with real-time data that can detect, predict and react to surrounding environment and road users’ behaviours, making it compatible to execute smarter and safer driving manoeuvres. Its self-driving pods can also deliver daily necessities to households, commute to supermarkets or conduct inspections via robots at hospitals, minimising human contact and exposure to health risks, and ensuring commuting behaviour becomes more manageable. The article also cited some trial examples around the world and the challenges encountered.

[Click HERE to learn more](#)

SGS

Over the decades, concern for environmental protection has been growing, resulting in emerging green investment products like Climate Bond, which is a debt instrument specifically earmarked to raise money for green projects.

BEC Corporate Member **SGS Hong Kong (SGS)** has gained “Approved Verifier” status from an investor-focused not-for-profit international organisation to offer green finance solutions. To enhance the bonds’ credibility, the bond issuers can apply for Climate Bonds Certification, which requires to engage an approved verifier to conduct assurance during the application process. SGS enables the issuers to gain the bonds’ credibility and aims at accelerating low carbon economy with the initiative.

[Click HERE to learn more](#)



BEC General Member **Circular Economy (Hong Kong) Limited**, with its partner in mainland China, participated in the IE Expo China exhibition in Shanghai, a leading fair for environmental technology solutions, during 13-15 August. Other than promoting its training and consulting services, the company also conducted workshops to help different kinds of stakeholders, including industries, investors, general public and even governments, understand the basic methodology of circular economy, the resources needed to revise their current business models in a circular way, and the economic, environmental and social benefits.

[Click HERE to learn more](#)



BEC General Member **Cornerstone EV Charging Service Limited** continues to expand its network for electric vehicles charging. Recently, 19 car parks operating under Housing Department and Hong Kong Housing Society have been installed with Cornerstone EV Charging. The special feature “License Plate Recognition System” (LPRS) helps public car parks to ensure the EV charging area is restricted to EV only, which is proven to be such a bliss for all car park operators who have signed up with Cornerstone Technologies EV Charging.

[Click HERE for the list of EV charging locations](#)

BEC MEMBERS CORNER



BEC General Member **Leigh & Orange Limited (L&O)** is committed to holistically building a sustainable future. L&O leads the Technical Services Consultant Team driving the completion of the design and construction of Kai Tak Sports Park slated for 2023. Having obtained BEAM Plus Neighbourhood v1.0 Platinum rating, the world-class infrastructure features a new 50,000-seat Main Stadium with a retractable roof, a 10,000-seat Indoor Sports Centre, a 5,000-seat Public Sports Ground and large open space for public enjoyment.

Furthermore, L&O acts as the Lead Consultant and Architect for one of the Modular Integrated Construction pilot projects – InnoCell, which has achieved the BEAM Plus New Buildings v1.2 Platinum (Provisional) rating. InnoCell provides a comfortable, climate-smart, co-working and co-living space designed for talent and incubatees from Hong Kong Science Park. Attaining these highest ratings recognised the commitment and efforts of the dedicated teams to address the pressing global environmental challenges.

[Click HERE to learn more](#)



The world produces hundreds of millions of tonnes of plastic per year. What do we do with the plastic materials and products we use every day when we no longer need them? Where do these plastic wastes go? A large percentage of these plastic ends up in landfill where it can remain for hundreds or even thousands of years. With the global pandemic causing a resurgence in the use of plastic, BEC General Member **Mayer Brown** is organising a virtual event on 17 September to discuss what is being done during this time to manage plastic waste, the challenges faced and how individuals and organisations can get involved.

[Click HERE to learn more](#)



BEC General Member **NAP Acoustics (Far East) Limited** is committed to developing innovative acoustic products and technologies to maintain a quiet living environment and well-being of people. Acoustic window is a trendy noise mitigation building design that allows natural ventilation and energy saving. To validate the acoustic performance, NAP Acoustics has launched a novel laboratory testing technology named “Acoustics Space Shuttle”, which is the 3rd generation of testing facilities to provide efficient and reliable testing results. This novel testing technology was presented during the International Noise Seminars held in Hong Kong and Shanghai by the ESEA Regional Chapter of the Acoustical Society of America last year and was highly complimented.

[Click HERE to learn more](#)

BEC UPCOMING EVENTS

Webinar: Science Based Targets in Reality – The Swire Coca-Cola Case Study 15 September

Co-organisers



SCIENCE BASED TARGETS IN REALITY
THE SWIRE COCA-COLA CASE STUDY

15 SEPTEMBER 2020 (TUE), 2:30 P.M. – 3:30 P.M.

Webinar

Setting **Science Based Targets (SBTs)** in reality remains challenging for many companies. This webinar will introduce the approach taken by Swire Coca-Cola in the context of the food and beverage sector and will look at the business case behind the company's SBT; the major drivers behind the carbon reduction strategy; the key implementation challenges; and insights for other Hong Kong and Asian businesses interested in SBTs and in particular those companies participating in BEC's Low Carbon Charter.

[Click HERE for details & registration](#)

BEC UPCOMING EVENTS

BEC Low Carbon Charter Workshop

21 September



Save the date! BEC will organise a workshop on 21 September featuring an introduction on **Scope 3 emissions**. Industry peers will be invited to share best practices and their experiences in value chain target-setting and decarbonisation as well as stakeholder engagement. More details will be announced in due course. Stay tuned!

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.

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.

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](#)

BEC SUPPORTED EVENTS

- **Sustainable Financing in China's Markets - Webinar Series** | GlobalCapital and Euromoney Conferences | 15 September
- **The 10th Guangdong-Hong Kong-Macao Bay Area Conference: "Making Smart Buildings Smarter"** | Building Services Operation and Maintenance Executives Society | 18 September
- **Symposium on Smart City Development** | BEAM Society Limited | Rescheduled to September
- **Eco Expo Asia 2020 - Hong Kong Pavilion** | Environmental Production Department | 28-31 October
- **CIOB (HK) Conference 2020: "Smart Construction - Digital and Robotic Application"** | The Chartered Institute of Building (Hong Kong) | 10 November

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