

BEC E-NEWSLETTER

Connecting · Nurturing · Creating for a Sustainable Environment

FROM STOCKHOLM TO STOCKHOLM: 50 YEARS OF UNWAVERING CALL TO ACTION AND CO-OPERATION

BEC's Chief Executive Officer Mr Simon Ng shares his insights on the upcoming "Stockholm+50" meeting commemorating the 1972 Stockholm Conference.



Sweden is a pioneer in environmental policy, a leader in environmental research and innovation, and is widely acknowledged as one of the world's most sustainable nations. It is the first country to pass an environmental protection act and establish an environmental protection agency in 1967. To combat climate change, Sweden set ambitious targets such as banning the sale of new fossil fuel cars by 2030, reaching 100% renewable electricity production by 2040, and achieving net-zero greenhouse gas emissions by 2045.

In 1972, Stockholm hosted the first United Nations Conference on the Human Environment ("The 1972 Stockholm Conference"). To commemorate 50 years since that landmark Conference, the United Nations General Assembly will convene an international meeting – *Stockholm+50: A Healthy Planet for the Prosperity of All – Our Responsibility, Our Opportunity* – hosted by the Government of Sweden on 2 and 3 June 2022.

The 1972 Stockholm Conference was momentous in many ways. It recognised the environment as a major issue and made it a focal point of global concerns. It fostered the spirit of multilateral co-operation on environmental conservation with the Stockholm Declaration and Action Plan for the Human Environment, setting the tone for future agreements including the Kyoto Protocol, the Montreal Protocol, the Convention on Biological Diversity, and the Paris Agreement. It also led to the creation of the United

Nations Environment Programme ("UNEP").

In the past five decades, we witnessed growing awareness on the environment and sustainable development from national governments, the private sector, civil society and individuals. The 1972 Stockholm Conference was attended by delegates from 122 countries, whereas the 26th UN Climate Change Conference of the Parties ("COP26") brought together political leaders and other participants from almost 200 countries. We also saw the establishment of environment ministries around the world since the 1970s, marking a new era of environmental management, regulation and governance.

Despite the positives, the world is still facing daunting environmental challenges like climate change, biodiversity loss, air and water pollution, and waste management, not to mention pressing social sustainability issues such as equity, diversity, education and health, as well as COVID-19. These issues and their impact on mankind are exacerbated by overpopulation, overurbanisation and overconsumption of natural resources – world population more than doubled from 3.7 billion to 7.8 billion between 1970 and 2020, with urban population grew over threefold from 1.35 billion to 4.38 billion during the same period; Earth Overshoot Day moved forward from 30 December in 1970 to 29 July in 2021, showing human demand for ecological resources largely surpassed what the planet can regenerate in a year.

Stockholm+50 is therefore much more than a commemoration. The meeting offers an opportunity to reflect on the shortcomings in the past 50 years, galvanise and accelerate bold action and action-oriented engagement from all sectors of society towards a sustainable and healthy planet for current and future generations.



5 June 1972 - United Nations Conference on the Human Environment, Stockholm, Sweden. A general view of the opening meeting of the Conference. (Photo Credit: UN Photo/Yutaka Nagata)

Thousands of miles away from Sweden, Hong Kong should keep an eye on Stockholm+50, which is highly relevant to us being part of the international community facing climate emergency, post-COVID recovery and other global sustainability challenges. Hong Kong has set ambitious targets to achieve carbon neutrality, zero landfill and better air quality in the coming decades. Action and togetherness are required more than ever.

To celebrate BEC's 30th anniversary, we are planning a series of activities with the overarching theme of

Galvanising Business Action Through Leadership, Innovation and Partnership. The first major event of the year will be a full-day EnviroSeries Conference "Driving Business Ambition into Action for a Net-zero Hong Kong" on 17 June. Mr Per Augustsson, Consul General of Sweden to Hong Kong and Macau, will deliver a speech that connects insights from Stockholm+50 and action in Hong Kong. Other speakers will showcase the importance of setting business climate ambition and taking early action, and illustrate how innovation and partnership can bridge the gap between pledges and action.

[Click HERE for further information & registration](#)

Practical Guide on Packaging Reduction And Management

PRACTICAL GUIDES ON PACKAGING REDUCTION AND MANAGEMENT

SUPERMARKETS AND GROCERY STORES SECTOR

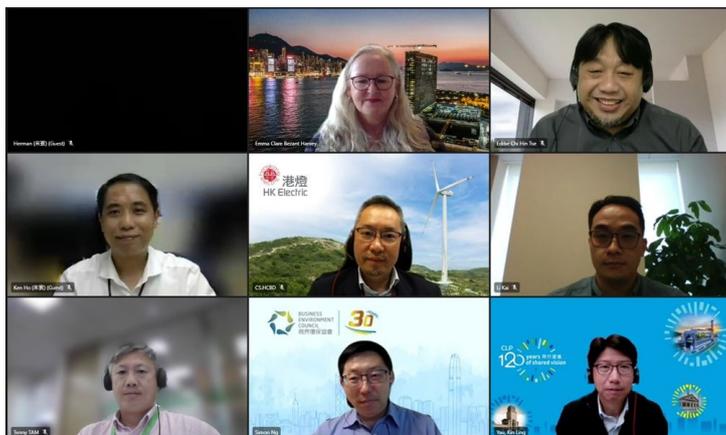


To achieve the goal of "Waste Reduction • Resources Circulation • Zero Landfill" as outlined in the "Waste Blueprint for Hong Kong 2035" and to facilitate trade practitioners in kickstarting their journey on packaging reduction and management, the Environmental Protection Department has appointed BEC to develop a set of sector-specific guides on how to avoid and reduce packaging consumption and achieve sustainable packaging management in daily operations of different business sectors.

The first guide for **Supermarkets and Grocery Stores Sector** is out. Check out the Practical Guide now!

[Click HERE to read the Guide](#)

Power Demand Forecasting and Application – Introduction to Guideline and Tool



On 11 May, BEC and Gammon Construction Limited co-organised the third event of **Power Up Coalition**, an initiative under the BEC Low Carbon Charter encouraging the timely electrification of non-public works construction sites in Hong Kong and promoting zero-emission construction sites. Aiming to assist project proponents and their teams in the preparation and application for temporary power supply from utility companies during the planning and design process, a guideline and a tool with simple forecasting approaches of power demand and information on early application of temporary electricity have been developed and were introduced in the webinar. Representatives from both utility companies were also invited to elaborate their power supply scheme and process for construction sites.

Feel interested to join the Power Up Coalition and take further steps towards decarbonisation, or learn more about the guideline and tool, please contact Ms Danice Wong at danicewong@bec.org.hk.

UPCOMING EVENTS

Webinar: Joining Forces for Sustainable and Liveable Cities 1 June



Joining Forces for Sustainable and Liveable Cities

Date: 1 June 2022 (Wed)
Time: 4:00p.m. – 5:30p.m. HKT

Zoom Webinar

[Click HERE for details & registration](#)

BUSINESS ENVIRONMENT COUNCIL
商界環保協會

30 YEARS
of Environmental Excellence



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Join us now to enjoy member exclusive rights and benefits! Please visit [HERE](#) or contact **Membership Team (T. 2784 3924 | E. membership@bec.org.hk)** to explore more.

Want to share your company's latest green news with over 6,000 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. Please contact **Mr Tomas Li (T. 2784 3922 | E. tomasli@bec.org.hk)** for submissions and enquiries.

The Hong Kong SAR Government has announced a number of large-scale infrastructure projects, including the Northern Metropolis Development Strategy and the Lantau Tomorrow Vision to secure a sustainable living environment for people.

We will co-host a webinar with **Consulate General of the Kingdom of the Netherlands**, to discuss shared challenges and present inspiring examples from Hong Kong and the Netherlands, towards creating green infrastructure strategies to support biodiversity and more sustainable ways of living in harmony with nature.

BEC EnviroSeries Conference June 2022 17 June



BUSINESS ENVIRONMENT COUNCIL
商界環保協會

30-YEAR

ENVIROSERIES

BEC EnviroSeries Conference

Driving Business Ambition into Action for a Net-zero Hong Kong

BEC AUDITORIUM and ONLINE
17 JUNE 2022
HONG KONG

The Hong Kong SAR Government announced a four-pronged decarbonisation strategy under Hong Kong's Climate Action Plan 2050 – net-zero electricity generation, energy saving and green buildings, green transport, and waste reduction – with an interim target to halve Hong Kong's carbon emissions before 2035 compared to the 2005 level, and to ultimately achieve carbon neutrality by 2050.

The upcoming BEC EnviroSeries Conference: **Driving Business Ambition into Action for a Net-Zero Hong Kong** aims to prepare and galvanise Hong Kong businesses to join force in the race to net-zero carbon.

Renowned sustainable policymakers, pioneers and enablers from government bureaus, international organisations, consulates, public utilities and business sector will be invited to share their insights on transformation for a net-zero and sustainable Hong Kong.

Session 1: The State of Climate Ambition and Action

Session 2: Scaling Net-Zero Transition through Innovation and Digital Transformation

Session 3: From Ambition to Action: Navigating Corporate Climate Journey

Session 4: Bridging Pledges and Action through Partnership

[Click HERE for details & registration](#)

BEC Industry Visit: HKUST Sustainable Smart Campus as a Living Lab 8 July



BEC Industry Visit: HKUST Sustainable Smart Campus as a Living Lab

8 July 2022 (Friday)
2:00p.m. – 5:00p.m.

[Click HERE for details & registration](#)

What makes a sustainable university campus? BEC is working with **The Hong Kong University of Science and Technology ("HKUST")** and **Energys Spectrum Limited** to bring you BEC Industry Visit – HKUST Sustainable Smart Campus as a Living Lab.

Join us at this visit to the HKUST campus to explore the latest smart and sustainable projects including Total LED Circadian Rhythm, Digital Twins, Self-cleaning Multipurpose Nano-coatings and Smart Water Network. You can also learn the latest energy management technologies on lighting, indoor air quality and heating, ventilation and air conditioning ("HVAC") power systems. Seats are limited, register now!

UPCOMING COURSES: BEC IEE TRAINING



Training Programme

(April – September 2022)



(Last updated on 25 March 2022)

The BEC Institute of Environmental Education (“BEC IEE”) offers a variety of courses for business professionals, including senior executives and managers, to advance their knowledge and skill set. Click the course titles below for more details:

[Circular Economy Level I](#)



16 June

[Design for Environment](#)



7 July

[GRI Professional Certification Program: 2.5-day Standard Training](#)



18-20 July

[Click HERE for Training Programme pamphlet \(April - September 2022\)](#)

MEMBERS CORNER

Council Members

Airport Authority Hong Kong (“AAHK”) received the highest accolade, the Platinum award, in the “Over 50 million passengers per annum” category of the Airport Council International Asia-Pacific Green Airports Recognition 2022 for its outstanding project and endeavours in Carbon Management. AAHK’s Weather Forecast for Air-conditioning Control System (“Weather FACTS”) Project employs big data and machine learning to forecast the cooling demand of the passenger terminal over the following 24 hours to deliver the appropriate amount of cooling volume needed to eliminate unnecessary energy consumption. Hong Kong International Airport is the first airport to implement this predictive control model for an air conditioning system.

[Click HERE to learn more](#)



Chinachem Group’s Tonkin Street Redevelopment project has won a Grand Award in the “New Buildings Category: Projects Under Construction and/or Design – Residential” at the Green Building Award 2021. The project is Hong Kong’s first private residential project adopting concrete Modular Integrated Construction (“MiC”). The award recognises the Group’s efforts in setting an example to encourage people-centric philosophy and sustainable construction. The application of MiC and the adoption of a fully digitalised design process are expected to cut 68% of construction waste, reduce 75% of noise and result in a reduction in carbon emissions, thereby reducing nuisance to the neighbouring communities. The Group’s flagship property, Nina Tower, has also been awarded Merit Award in the “Existing Buildings Category: Facilities Management”.

[Click HERE to learn more](#)



MEMBERS CORNER

Council Members

Henderson Land has received the Pioneer Award in the “Green Building Leadership Category: Developer” at the Green Building Award 2021, in recognition of its leading position in sustainable development. The Group has also been honoured with five other accolades, including a Grand Award attributed to The Henderson and a Merit Award attributed to Fanling Sheung Shui Town Lot No. 262, Fanling North (Phase 1). Henderson Land will continue to embrace innovation to build a greener and more sustainable future for all.

[Click HERE to learn more](#)



JEC's Tseung Kwan O Desalination Plant project has recently achieved the highest Platinum rating in the Provisional Assessment Stage under the BEAM Plus New Buildings (V1.2). The project received a high score with more than 80% of the scores credited from energy use and water consumption efficiency and good indoor environmental quality. Being Hong Kong's first desalination plant that uses reverse osmosis technology to extract fresh water from seawater, the project will enable Hong Kong to take on the challenges posed by low level of precipitation and provide the city with strategic water resources unaffected by climate change.

[Click HERE to learn more](#)



Sharing the same vision for an efficient, resilient, sustainable, and all-electric mobility, **Schneider Electric** has established a strategic partnership with fellow BEC member Inchcape. The companies will provide one-stop total electric vehicle (“EV”) solutions, including electric cars, seamless charging and comprehensive services for landlords, car park operators, facilities managers, and private EV drivers. Leveraging Inchcape's extensive network with Schneider Electric's innovative EV charging technologies powered by EcoStruxure for eMobility, the collaboration fosters the popularisation of EVs and supports Hong Kong to achieve its ambition of reaching carbon neutrality by 2050.

[Click HERE to learn more](#)



Sino Group is expanding installation of electric vehicle (“EV”) charging stations at its properties, with a target of over 1,400 installed by end-2022. Green transport is a core pillar of the Group's decarbonisation strategies, and it has been working with different partners to expand the coverage of EV charging stations in its portfolio. In its latest effort, Sino Group collaborates with fellow BEC member Shell Hong Kong and a local start-up to establish the fastest universal EV charging station at China Hong Kong City, as well as a leading EV manufacturer to build a more robust network of EV charging facilities in Hong Kong. Following the recent launch of upgraded V3 Supercharger stations at Olympian City, more facilities will be installed at six properties, namely Island Resort Mall, China Hong Kong City, tmtplaza and the Group's new projects, One North in Yuen Long, Landmark South in Wong Chuk Hang and The Fullerton Ocean Park Hotel Hong Kong.

[Click HERE to learn more](#)



MEMBERS CORNER

Swire Properties was honoured to win the Pioneer Award in the “Green Building Leadership Category: Facilities Management” at the Green Building Award 2021, being the first and only developer to win this top award under the Green Building Leadership Category for three years running – Pioneer Award in the “Green Building Leadership Category: Developer” in 2019, and Grand Award in 2016. The company’s Grade-A office tower, Two Taikoo Place, also won the Grand Award in the “New Buildings Category: Projects Under Construction and/or Design – Commercial”, becoming the second building in Taikoo Place to obtain a Grand Award under the New Buildings Category, after One Taikoo Place in 2019. This is a remarkable recognition of the company’s sustainability achievements covering the whole building lifecycle from projects development to facilities management.

[Click HERE to learn more](#)

Towngas is committed to carbon neutral by 2050 through energy transition and innovation, including the development of renewable energy, waste-to-energy, green hydrogen, efficiency improvement, carbon management, and other collaborative projects with universities and research institutes. The company has also established two medium-term carbon reduction targets – to reduce the group operational GHG emissions by 10% by 2025 (2020 baseline) and reduce 10 million tonnes of GHG emissions for the environment per year by 2025.

[Click HERE to learn more](#)

HK Electric plans to include its offshore wind farm project in the next Five-year Development Plan (2024-2028) for Government approval, following the successful variation of the Environmental Permit for the project in May 2022 enabling the use of more effective wind power generation technology. The proposed wind farm is located about 4 km away from Lamma Power Station and will have a capacity of around 150 megawatts. It is planned to be commissioned in 2027 and will produce approximately 400 million units of zero-carbon electricity a year, about 4% of HK Electric’s total electricity output. The project marks an important step to help the city achieve net-zero electricity generation.

[Click HERE to learn more](#)

KMB’s 16 new single-deck electric buses commenced service in late April, with one of them deployed on Route 6 travelling between Lai Chi Kok and Star Ferry, Tsim Sha Tsui. The electric bus via busy corridors such as Nathan Road provides a clean and quiet travel experience to the public. KMB has also purchased 52 electric double-deckers that will arrive in Hong Kong in six months, raising its fleet of electric buses to over 80. This marks a significant step forward to KMB’s goal to upgrade the entire fleet to new energy buses and develop zero-emission transport in Hong Kong.

[Click HERE to learn more](#)

Corporate Members

Ms Grace Kwok, Chairman and Executive Director of **Allied Sustainability and Environmental Consultants Group Limited (“AEC Group”)** was recently selected as one of the “Women in Sustainability Leadership” this year. This international accolade concurrently reaffirms her leadership and AEC Group’s contribution in sustainable development. AEC Group will continue to leverage its sustainability competence for shaping a net-zero carbon future.

[Click HERE to learn more](#)



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CN Logistics (“CNL”) has been named a “Caring Company 2021/22”. On top of donation of necessities during the pandemic and corporate volunteering for the underprivileged, the group has been forming strategic partnerships with globally renowned luxury brands and recycling enablers to promote sustainability. These co-operations have inspired corporate social responsibility by caring for the community, employees, and environment. The group is dedicated to encouraging sustainable business practices as a driver in the logistics sector for retail enterprises on promoting a circular economy and minimising carbon footprint in business operations.

[Click HERE to learn more](#)



Once again, **Hactl** took part in Green Power Hike in early 2022, receiving three awards in the “Aviation and Airport Services Cup” category. With a cumulative of 2,550 km hiked, Hactl topped all other participating organisations and bagged the “Active Green Award”. It was the first runner-up of the “Green Enthusiast Award” for the active participation of 108 staff members and their families and friends. Being the second-highest fund-raiser, Hactl also claimed the “Outstanding Green Award”. By actively supporting the event since 2013, Hactl strives to promote nature appreciation among its staff members and support environmental education.



Inchcape Greater China and fellow BEC member Schneider Electric announced a strategic partnership agreement to introduce one-stop charging solutions compatible with all electric vehicle (“EV”) models. Inchcape will leverage its track record of providing comprehensive charging solutions to both individual and business customers, such as car park owners, private residential flat owners and real estate developers. In addition to serving private EVs, Inchcape’s goal is to expand into serving a wider range of vehicle types and specifications, including the government fleet, light vehicles and commercial buses.

[Click HERE to learn more](#)



Arup has joined hands with other collaborators to launch the Asian Corporate Coalition for Climate Change Resilience (“A4CR”) – the first-of-its-kind climate-resilient business community in Asia. As A4CR’s technical advisor, Arup will draw on its in-depth understanding of the built environment to help businesses identify, assess, mitigate and adapt to current and future climate change risks. With a strong track record across the region, Arup harnesses advanced climate modelling to provide location-specific projection data, identify and quantify potential hazards and recommend practical actions to mitigate risks and enhance resilience.

[Click HERE to learn more](#)

ARUP

Recently, **PwC** China is excited to be one of the first eight launch customers of the pilot “Cathay Pacific Corporate Sustainable Aviation Fuel (SAF) Programme”, committing to reduce carbon emissions by purchasing SAF through the first major programme of its kind in Asia. This programme provides PwC China the opportunity to reduce its carbon footprint from business travel by contributing to the use of SAF uplifted for the first time from Hong Kong International Airport on the flag carrier’s flights.

[Click HERE to learn more](#)



MEMBERS CORNER

SGS Hong Kong recently discussed the biggest issue that Hong Kong companies are facing around sustainability on a podcast channel of a multinational technology company. In the podcast episode, the speakers discussed what businesses can do to advance their sustainability goals, how data and digitalisation are key to helping companies on their sustainability journey, and how the implementation of the 3Rs (Record, Report, Reduce) together with technology can help organisations. The discussion also covered what companies can do to minimise their environmental impact.

[Click HERE to learn more](#)

Swire Coca-Cola HK ("SCCHK") brought about another sustainable product and packaging as its bottled water brand has made label-less bottles available to a broader range of retail channels, allowing more consumers in Hong Kong to take part in building a more sustainable future. With less packaging materials, recyclability of label-less bottles is greatly enhanced. Label-less bottles were first available last year for bulk purchase only. SCCHK continued to improve upon its last version of label-less bottles with the use of laser incising technology for highlighting product information. A sales barcode is featured on the bottle cap instead, enabling the individual sale of the products.



Wofoo Social Enterprises successfully organised the Grand Final of its Climate Action Recognition Scheme 21/22 in May. The company was honoured to invite Mr K.S. Wong, the Secretary for the Environment, and other industry high achievers to be the judges and select 5 outstanding climate solutions addressing green building, sustainable energy and responsible consumption. With the commitment to shape Hong Kong into a climate-friendly world city, these incubated start-ups are going to translate ideas into climate actions and generate positive impacts combating the climate crisis.

[Click HERE to learn more](#)



WSP is proud to be recognised at the biennial Green Building Award 2021, a testament to its unwavering commitment to creating a sustainable built environment and achieving carbon neutrality. The 15 winning projects WSP was involved range from residential developments to institutional buildings, demonstrating its strong consultancy expertise. Among them, InnoCell, Jockey Club i-Village and The Henderson have collected the top Grand Award in their respective category. A tremendous congratulations to the project teams and clients for their achievements. WSP will continue putting forward its ingenuity to build sustainable communities.

[Click HERE to learn more](#)



General Members

Under the EV-charging at Home Subsidy Scheme ("EHSS"), **Cornerstone Technologies** has been awarded the first EV infrastructure installation project in Hong Kong, which covers over 300 parking spaces for the supply and installation of EV-charging-enabling infrastructure. With well reputation and rich experience in providing EV-charging solutions, Cornerstone will act as the main contractor of the project to entail project management, coordination and implementation of the site works. The EHSS contractor will continue to facilitate emission-free driving by responding to the increasing needs for supportive infrastructure for EV home-charging.



MEMBERS CORNER

Cundall, working jointly with its partner in Australia, has launched “A Practical Guide to Electrification for new buildings”, aiming to provide detailed steps to architects, engineers, developers, and property investors in delivering gas-free, all-electric buildings for new developments. In the transition to net-zero emissions, we need approaches and solutions to a gas-free future, and thus all-electric buildings will soon be the new normal. The guide outlines the available technologies and the business case for all-electric buildings that can operate on 100% renewable energy. Download a free copy of the guide and dispel the myths of the gas-free future.

[Click HERE to learn more](#)



Energys Spectrum is pleased to announce that New Vision LED products have successfully attained the Platinum standard of CIC Green Product Certification, a comprehensive approach which evaluates multiple aspects, such as carbon footprint, greenhouse gases emission, human toxicity, resource consumption, ecosystem impact etc. The certification provides a transparent platform whereby all stakeholders are informed on the sustainable criteria. A maximum of 4 credit points can be obtained in the application of BEAM Plus certification by applying New Vision's IntelliDim T8 LED tube.

[Click HERE to learn more](#)



Intertek has recently released the Think Green Initiative 3.0 (“TGI”) audit programme as part of its commitment to helping companies tackle climate change. TGI works to identify, assess, and view metrics, best practices and emerging technologies that advance on important aspects of environmental performance related to management systems, greenhouse gas emissions, energy and water usage, waste generation, hazardous substances and product life cycle.

[Click HERE to learn more](#)



In April, three technologies developed by **Nano and Advanced Materials Institute (“NAMI”)** won the 2022 Edison Awards, among which the Gold Award-winning “Celluwarm - Sustainable Cellulose Aerogel for Extra Warm Ultralight Winter Outfits” is a sustainable, animal-free and ultralight material that leverages cellulose nanofibrils extracted from spent corn husk. It provides the winter outfits with the highest insulation performance in the market, being 3.5 times warmer, 50% thinner and lighter than duck down feathers, as well as launderable for 50 times without losing insulation performance.

[Click HERE to learn more](#)



Recently, **TÜV Rheinland** granted the Certification of Excellence for net-zero carbon buildings and the Certification of Excellence for low-carbon operations to Luneng Lingxiu Eastern 3rd Block and the A3 Commercial Complex, Lingxiu City in Jinan, respectively. The certifications marked the birth of China's first net-zero carbon residential building project and commercial project. TÜV Rheinland’s sense of responsibility and accountability to achieve the goal of “carbon peaking and carbon neutrality” in China has set an example for promoting green and low-carbon development, and creating a better life.

[Click HERE to learn more](#)



MEMBERS CORNER

Recently Published Sustainability Reports

- ATAL



- Hang Lung Properties



- Henderson Land



- Towngas



WELCOME NEW BEC MEMBERS

General Members

- HK Timber Limited
- Urban Spring Co., Limited

Affiliate Member

- Habitat for Humanity Hong Kong Limited

BEC SUPPORTED EVENTS

- **HKICS 23rd Annual Corporate and Regulatory Update** | The Hong Kong Chartered Governance Institute | 9 June
- **中小企 ESG 最佳實踐表現嘉許計劃** | Dah Sing Bank & Friends of the Earth (HK) | 27 June
- **Revive Tech Asia** | 24-25 August

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