



# BEC E-NEWSLETTER

Connecting · Nurturing · Creating for a Sustainable Environment

## AMBITION AND COLLABORATION KEY TO FIGHT CLIMATE CHANGE

***On the occasion of Earth Day, BEC's Director - Policy & Research Mr Simon Ng contributed his thoughts on the global fight against climate change.***

Earth Day (22 April) began as a national event in the United States ("US") in 1970 and has become an annual celebration of the Earth and a show of support for environmental protection globally since 1990. It carries special meanings to international movements and civic actions for conserving and restoring the planet. Many momentous environmental events have happened on Earth Day including the signing of the Paris Agreement by 175 nations in 2016. This year, US President Biden symbolically chose to kick-off the Leaders Summit on Climate (the "Summit") on Earth Day, adding significance to this pivotal two-day event.

There were distractions and speculations in the build-up leading to the Summit amid the ongoing tension between China and the US and the complex and fluid geopolitical landscape, but as the event unfolded, a clear, united message emerged that unprecedented global ambition and togetherness are required to overcome climate change. To signify the US's return to the fore, President Biden announced an aggressive target to halve carbon emissions by 2030 compared to 2005 levels which aligns with the commitments made by other nations in the past years. At the Summit, countries like Japan, South Korea, Canada and South Africa stepped up with new measures. Making no new commitment, Chinese President Xi Jinping promised to strictly control the increase in coal consumption over the 14th Five-Year Plan period (2021-2025) and to phase it down during the 15th Five-Year Plan period.

**“unprecedented levels of ambition must be met with a fundamental shift away from a global economy reliant on fossil fuels, an unparalleled amount of new investment and private finance injection, and a collaborative drive for innovation and technology.”**

It is crucial for China, the US, Europe and other major greenhouse gas emitters to set ambitious targets, as the current nationally determined contributions are clearly insufficient to meet the goals of the Paris Agreement and limit global temperature rise to 1.5°Celsius. Yet, unprecedented levels of ambition must be met with a fundamental shift away from a global economy reliant on fossil fuels, an unparalleled amount of new investment and private finance injection, and a collaborative drive for innovation and technology. This is a challenging task in the highest order, and we need a cross-sector, all-hands-on-deck effort to stand any chance of achieving the targets.

Internationally, the US has launched a Global Climate Ambition Initiative to support partner countries in enhancing their ambition and achieving net zero. There are signs that the US-China climate change working group will be reinstated. The European Green Deal will support Europe to becoming climate neutral in 2050. Non-state players such as international agencies, businesses, subnational governments, non-government organisations and local communities also have a role to play in coordinating and delivering joined-up initiatives. This is where business leadership can thrive and will make a difference.

Last November, the Hong Kong Government pledged to achieve carbon neutrality by 2050. With clear policies, the business sector is now better placed to develop corporate climate strategies and decarbonisation plans. As a corporate membership-based organisation with climate change as a focus area, BEC will continue to galvanise businesses to set and achieve carbon reduction targets through the BEC Low Carbon Charter and other new initiatives such as the Power Up Coalition which was launched in mid-April to encourage early electrification and long-term decarbonisation of construction sites. We stand ready to support your decarbonisation journey and contribute to the global fight against climate change.

## Are You Ready to Go Low Carbon?



Learn more about the BEC Low Carbon Charter and the Power Up Coalition from **Mr Simon Ng (E. simonng@bec.org.hk)** or **Ms Violet Law (E. violetlaw@bec.org.hk)**.

## BEC Low Carbon Charter 2nd Anniversary Ceremony & Power Up Launch Workshop

BEC celebrated the 2nd anniversary of the BEC Low Carbon Charter and announced 20 new signatories on 16 April. Our Guest of Honour Under Secretary for the Environment Mr C.W. Tse highlighted that collective efforts between industries remain crucial to accelerate a low carbon transition in Hong Kong.

Understanding the importance of cross-sectoral decarbonisation efforts, our Director - Policy & Research Mr Simon Ng also shared that BEC will introduce new initiatives this year to address challenges faced by different industries.



Riding on the Technical Circular released by the Development Bureau on the temporary application of electricity and water supply in public works projects, BEC launched the Power Up Coalition ("Power Up") with Council Member Gammon Construction Limited on the same day. Power Up is a sectoral initiative under the BEC Low Carbon Charter which aims to promote a similar approach in non-public works projects.

At the event, Guest of Honour, Permanent Secretary for Development (Works) Ir S.H. Lam stressed that new initiatives like Power Up that drive collaboration with industrial expertise are key to decarbonise the construction industry. The keynote speakers, CEO of Gammon Construction Limited Ir Thomas Ho and Construction Industry Council's Committee on Environment Chairperson Mr Ivan Fu, also emphasised the benefits of electrifying construction sites such as emission reduction, noise control, air quality improvement and optimisation of land use.

[Learn more about the Charter & Power Up](#)



## Webinar: The Case for LNG as a Marine Fuel and the Development of LNG Bunkering in Hong Kong

Thank you to all speakers and panellists for joining the second part of BEC's LNG webinar series on 12 April. We kicked off the webinar with a sharing of the preliminary research findings on LNG bunkering in Hong Kong. Mr Cees Boon from the Port of Rotterdam then presented their experience in LNG bunkering planning and operations, while Mr Tom Strang shared Carnival Corporation's decarbonisation journey using LNG-fuelled cruises. Speakers and panellists reached a consensus on the following:

- LNG may not be the final solution to decarbonisation of the shipping sector, but it is a proven and market-ready option towards a net-zero future
- International standards and guidelines provide a ready source of reference for local regulations relating to LNG bunkering

Stay tuned for BEC's report on this topic and the engagement work that will follow!

Retwatch the webinar:



## HSBC Living Business Programme 2020-2021

The COVID-19 pandemic has challenged the business continuity of small and medium enterprises ("SMEs"). Through this Programme, we aim to better equip SMEs with knowledge and experience to overcome difficult hurdles on their business journey. This year, the Programme continues to be a knowledge sharing platform and we will also resume the HSBC Living Business Awards, now open for application until 14 May.

Join us on 4 May for a webinar to explore recovery tips for SMEs and how sustainable planning is important for recovery and a better future.

[Register for the webinar](#)    [Apply for HSBC Living Business Awards 2021](#)



## UPCOMING EVENTS

### Webinar: Catalyst for Sustainable Environment - An update on BEC offering    3 May



Exclusive for BEC members, this webinar will give an update on the recent membership scheme enhancements and sustainability initiatives. All along, BEC has been offering sustainable solutions and professional advisory services to support businesses in achieving high environmental standards. Join this webinar to learn the latest trends and updates on sustainability, ESG, green buildings, IAQ and environmental management.

[Click HERE for details & registration](#)

### BEC + InvestHK Leadership Forum Series #1 - EV Popularisation in Hong Kong: Challenges and Opportunities

17 May



BEC is pleased to launch a Leadership Forum Series with InvestHK this year! Sign up for the first session on 17 May where we will explore challenges and opportunities in popularising electric vehicles ("EVs") in Hong Kong. We are honoured to have Secretary for the Environment Mr Wong Kam-sing to be the keynote speaker addressing the Hong Kong Roadmap on Popularisation of EVs announced in March. The forum also features expert sharing and a panel discussion on providing charging solutions to electric commercial vehicles.

[Click HERE for details & registration](#)

## UPCOMING EVENTS

### Austrian Tech for Hong Kong's Smart Mobility Initiatives 26 May



In partnership with Advantage Austria, our Director - Policy & Research Mr Simon Ng will moderate an online panel discussion on "Austrian Tech for Hong Kong's Smart Mobility Initiatives". The panel will cover Austrian best practice solutions and technologies applicable to Hong Kong's long-term vision and strategy outlined in Hong Kong 2030+ and the Smart City Blueprint 2.0.

[Click HERE for details & registration](#)

### Webinar on Embodied Carbon 28 May

Save the date! BEC and General Member Cundall will co-organise a webinar on embodied carbon from 09:30 to 10:45 on 28 May. Speakers' list and registration details will be announced on our website in due course. Stay tuned!

### BEC EnviroSeries Conference 4 June



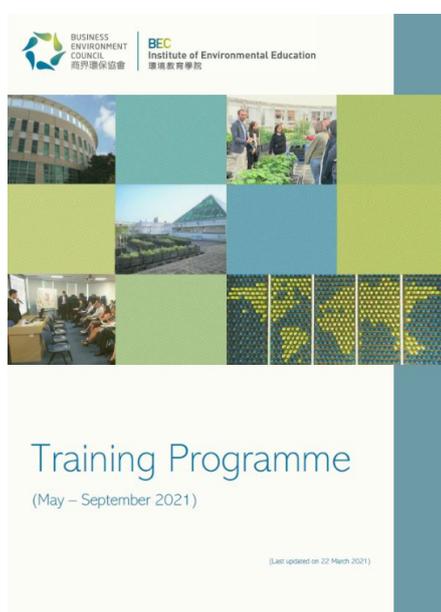
ENVIROSERIES

BEC EnviroSeries Conference, "Redefining Business Leadership for Green Growth", will be held on 4 June. Open to BEC members free of charge, this online conference will help the business community identify megatrends and set new priorities in face of the emerging risks and challenges under the "new normal", and discuss how leaders can successfully navigate these risks and challenges through mindset shift, system transformation and the creation of shared value. Stay tuned for conference programme and registration details on our website.

[Click HERE to learn more](#)

## UPCOMING COURSES: BEC IEE TRAINING

The BEC Institute of Environmental Education (BEC IEE) has launched the latest training programme which offers a variety of courses for business professionals, including senior executives and managers, to advance their knowledge and skill sets.



#### Environment Management System

 20 May

#### GRI Professional Certification Program: 1-day Top Up Course

 24 May

#### Effective and Result Oriented Hygiene Control

 26 May

#### Design for Environment

 27 May

#### ISO 14001:2015 Internal Auditing (5th Intake)

 27-28 May

# MEMBERS CORNER

## Council Members

**Hang Lung Properties** further demonstrated its strong commitment and advocacy to global decarbonisation with the signing of two new sustainability-linked loan agreements of a combined value of HK\$2 billion in March, after its inaugural agreements of HK\$1.5 billion in December 2020.

In Q1 this year, AI-powered analytics platform Jardine Engineering Digital Insights ("JEDI") launched by **Jardine Engineering Corporation ("JEC")** brought an additional 10-12% energy savings for a chiller optimisation project which is estimated to save over 360,000 kWh annually. To promote green building energy management, JEDI applies AI and machine learning to help reduce energy consumption and resources used in building operations and allow building owners to perform predictive maintenance.

Developed by **Kerry Properties Limited**, Qianhai Kerry Centre in Shenzhen received "Best Mixed-use Development - Gold" and "Best Green Development - Silver" awards at the MIPIM Asia Awards 2020 on 26 January. Aiming to create a green ecological and people-oriented community, Qianhai Kerry Centre adheres to a sustainable approach with design features that reduce the use of resources while improving overall building performance and enhancing occupants' comfort and wellness. It is also the first large-scale mixed-use development project in Qianhai that garnered triple green certifications – LEED Certification, WELL Certification and China's Three Star Green Building Design Label.

**Schneider Electric** published a case study of its major strategic partnership with BEC Council Member Swire Properties in the digital transformation of the latter's energy management systems to enhance sustainability. Powered by Schneider Electric's EcoStruxure™ Energy Advisor, Swire Properties' cloud-based smart energy management platform enables the company to monitor and manage energy needs, and track and optimise performance at five prime locations across Hong Kong and the Chinese mainland. Expecting 10-20% annual energy savings, Schneider Electric helps Swire Properties build a greener and cleaner environment.

[Click HERE to learn more](#)

**Sino Land Company Limited** has unveiled the second generation of City Air Purification System ("CAPS 2.0"). Developed in collaboration with BEC Corporate Member Arup, the enhanced system can serve as a functional bus shelter and safeguard health by efficiently purifying air within a semi-open space. Featuring an air curtain, duo currents and novel filtration and sanitisation technologies using an anti-bacterial, nano-porous filter, the system is capable of halving pollution exposure, removing 99.95% of PM0.1 airborne allergens, microbes and viruses. CAPS 2.0 also enables real-time air quality monitoring and display of useful information.

[Click HERE to learn more](#)

只選好的 只做對的  
We Do It Well |  恒隆地產  
HANG LUNG PROPERTIES



## MEMBERS CORNER

In April, **Swire Properties** announced a set of new and challenging targets for 2025 and 2030 to double down on the company's investment in its Sustainable Development (SD) 2030 Strategy. The new targets cover science-based decarbonisation, renewable energy, resource and circularity, Green Performance Pledge for commercial tenants, sustainable procurement, 1:1 gender pay ratio and green finance. These targets drive the company to keep innovating and pushing boundaries towards achieving its SD vision.

[Click HERE to learn more](#)



In March, **HK Electric's** holistic approach for managing health and safety was recognised in the 19th Hong Kong Occupational Safety and Health (OSH) Award. The company received a total of 10 awards under the categories of OSH Annual Report (Gold), Safety Management System (Gold, two Silvers and two Merits), OSH Promotion (Silver), OSH Enhancement Programme (Bronze) and Safety Performance (Excellence and Outstanding). HK Electric is committed to cultivating a positive health and safety culture across the organisation, which helps the company minimise health and safety risks, while remaining vigilant and well-prepared for contingencies, such as those posed by the COVID-19 pandemic.



## Corporate Members

In line with its "Green Terminal" vision, **Hong Kong Air Cargo Terminals Limited ("Hactl")** donated over 50 pieces of used furniture to an international charity in April to minimise waste while supporting people in need. Previously used in Hactl's training centre, the furniture will now be redistributed to local or overseas people in need.



In March, **NWS Holdings Limited** launched its NWS Sustainability Seminar 2021: "Building Our Resilience against Climate Change" to stimulate ideas and best knowledge sharing on climate change solutions. Attended by over 250 employees from various subsidiaries, the seminar featured a speaker formerly serving the Hong Kong Observatory and a representative of Hong Kong Green Building Council to shed light on local climate change impacts and the way forward for the building sector in achieving a carbon neutral Hong Kong by 2050. Other special guest speakers from BEC Corporate Member MTR Corporation Limited, and the Construction Industry Council also shared their strategy and challenges in building up resilience towards climate change. This annual event reinforces NWS' commitment towards sustainability and its climate resilience.

[Click HERE to learn more](#)



As a source of renewable energy, offshore wind has a key role to play in the powering of future generations. With long coastlines and favourable government policies, Asia has a tremendous opportunity to emerge as a powerhouse of offshore wind. Having long-established experience and expertise in the European offshore wind market, **Arup** published "Offshore wind: what can Asia learn from Europe?" in March to address the unique technical challenges and conditions in Asia, illustrated by its recent wind projects in Japan, Taiwan and Korea.

[Click HERE to learn more](#)



## MEMBERS CORNER

In collaboration with **PwC** China, World Economic Forum ("WEF") released "A Leapfrog Moment for China in ESG Reporting" white paper in March. Drawing on WEF-convened workshops and interviews with ESG practitioners and other leaders from China's business community, the white paper reveals six key insights from China's ESG journey and identifies the main drivers behind the ongoing improvement in both the quality and quantity of corporate ESG reporting in China.

[Click HERE to learn more](#)



Maintaining a resilient and sustainable water supply has become a great concern to metropolises. To mark World Water Day (22 March), **WSP** published an insights article to highlight challenges posed by climate change in Asia – declining water quality, increasing water scarcity, persistent dry spells and flash floods. Recognising that "the future of water is now", WSP is committed to leveraging its Future Ready vision and data-driven technologies to mitigate these water challenges.

[Click HERE to learn more](#)



## General Members

**Circular Economy (Hong Kong)** will participate in ReThink HK 2021 on 5-6 October at the Hong Kong Convention and Exhibition Centre. The company will host a workshop on climate change to offer participants a systemic approach to avoid global warming and explain how the concept of circular economy can help. More information will be announced in due course.

[Click HERE to learn more](#)



In March, the Government announced the Hong Kong Roadmap on Popularisation of Electric Vehicles which specified that new registrations of fuel-propelled private cars will be suspended by 2035. To contribute to Hong Kong's decarbonisation as a new signatory of the BEC Low Carbon Charter, **Cornerstone Technologies** will continue to build infrastructure for private residential housing to enable more carparks to be EV-ready, aiming to accelerate EV adoption in Hong Kong and increase the current ratio of EV chargers to EVs which is merely at 1:5.

[Click HERE to learn more](#)



GreenBird platform, a Smart Waste Management System Internet of Things solution developed by **DynaSys**, has been recording waste information from individual offices of BEC Affiliate Member The University of Science and Technology ("HKUST") since March. The smart scale will record real time waste data at source including weight, type, producer and time of disposal.

[Click HERE to learn more](#)



**EnviroEvents HK** is proud to announce BEC Council Member Swire Pacific as a top-tier sponsor for ReThink HK 2021 on 5-6 October. As one of the leading organisations spearheading sustainable development in Hong Kong, the Group has committed to net-zero by 2050. Group Head of Sustainability Dr Mark Watson will join the keynote panel to discuss Hong Kong's 2050 decarbonisation pathway and share the Group's commitments and ambitions for net-zero. Apply for your pass before 21 May for super-early-bird rates.

[Click HERE to learn more](#)

**RETHINK**  
SUSTAINABLE BUSINESS  
FORUM & SOLUTIONS EXPO

05 & 06 OCTOBER 2021  
HKCEC, HONG KONG

# MEMBERS CORNER

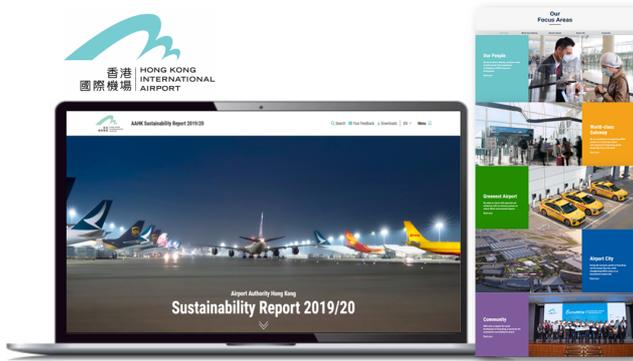
**GreenCo ESG Advisory Limited (GreenCo)** publishes research reports regularly to explore the best sustainability practices of global enterprises in various industries. In April's report, GreenCo explored the sustainability approaches of three leading flavour and fragrance groups in pursuit of sound ESG management, highlighting the importance and positive impacts of innovation on sustainability performance.



[Click HERE to learn more](#)

## Recently Published Sustainability Reports

### Airport Authority Hong Kong



### Swire Properties



### Towngas

**Environmental, Social and Governance Report 2020**

- Established a dedicated taskforce to implement comprehensive measures **in response to COVID-19**
- First public utility in Hong Kong to be verified its carbon inventory against ISO14064-1:2018 (Hong Kong gas production)
- Love on Delivery programme distributed **30,000** fresh food packs to **1,000** underprivileged families
- Conducted a **scenario analysis** on climate-related transition risks and opportunities

### HK Electric

**Keep going for a sustainable future**

SUSTAINABILITY REPORT 2020

### MTR Corporation

**Keep Cities Moving Sustainably**

Sustainability Report 2020

- SOCIAL INCLUSION
- GOVERNANCE & ETHICS
- ADVANCEMENT & OPPORTUNITIES

### SGS

**2020 CORPORATE SUSTAINABILITY REPORT**

ENABLING A BETTER, SAFER AND MORE INTERCONNECTED WORLD

# WELCOME NEW BEC MEMBERS

## Council Member

KONE Elevator (HK) Ltd.



## Corporate Members

SUEZ (Asia) Limited



Siemens Energy Limited



WSP (Asia) Limited



PricewaterhouseCoopers Limited  
(PwC)



羅兵咸永道

## General Members

- Cornerstone Technologies Holdings Limited
- EcoBricks Ltd.
- Energys Spectrum Limited
- EPRO Advance Technology Limited
- GreenWalls Bioengineering (HK) Limited

## BEC SUPPORTED EVENTS

- **Chinachem Group Sustainability Conference 2021** | Chinachem Group & Hong Kong Green Building Council | 7 May
- **“My Green Space” Student Competition 2020-21** | Hong Kong Green Building Council | ongoing until 31 May
- **HKICS 22nd Annual Corporate and Regulatory Update (Online Conference)** | The Hong Kong Institute of Chartered Secretaries | 11 June
- **Green Building Award 2021** | Hong Kong Green Building Council & Professional Green Building Council | ongoing until 15 June
- **“Advancing Net Zero” Ideas Competition** | Hong Kong Green Building Council | ongoing until 31 December

[Click HERE to see more](#)

[Subscribe to BEC e-Newsletter](#) 

## Not a BEC Member yet?



Contact our **Membership Team** (T. 2784 3924 | E. [membership@bec.org.hk](mailto: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 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 **Ms Jaz Chan** (T. 2784 3912 | E. [jazchan@bec.org.hk](mailto:jazchan@bec.org.hk)) for submissions and enquiries.

