Message from Dr Y K Pang

Chairman, HKMA

SUSTAINABILITY



HK

 $\mathbf{\Lambda}$

The past several years have not been easy for Hong Kong, with a confluence of unprecedented challenges, such as the global pandemic and the increasing geo-political tensions. Despite these difficulties, our business community has, in true Hong Kong spirit, rallied to weather the storm with agility and resourcefulness. In the process, many businesses have become more resilient. creative and have become stronger, which bodes well for the future competitiveness of Hong Kong

The Hong Kong Management Association

was founded 62 years ago to promote management excellence in Hong Kong and the Region. Through economic ups and downs, we have worked hard to fulfil this mission, and will continue to do so in the years to come. As 2022 draws to a close, let's look back with pride and celebrate all that we have accomplished in these challenging times, especially in the areas of sustainability and innovation, and our congratulations go to the winners of the 2022 Hong Kong Sustainability Award, and the successful launch of the HKMA / HKT Global Innovation Award

Our Association is blessed with a wide network of friends and supporters across many sectors. Together, we will continue to work for the greater good of the Hong Kong community. At this year's Annual Fellowship Dinner, I have the pleasure of welcoming Professor James Thompson as a new Honorary President, and to welcome a number of new Fellows and Charter Members, as well as congratulating our Management Development Credit Unit Award winners.

I would like to take this opportunity to offer my sincerest appreciation to all of the outstanding organizations and individuals who have supported the HKMA unwaveringly throughout the years, contributing invaluable time, advice, expertise and resources to our work. My heartfelt thanks goes especially to each of the business leaders and industry professionals who serve on our Council, Committees, Advisory Boards, Specialist Clubs, Awards Organizing Committees, and Judging Panels. My deepest gratitude goes to our many Sponsors, whose generous contributions made the many timely and topical programmes and activities we organised possible.

At this year's Annual Fellowship Dinner, we are privileged to have The Hon Michael Wong Wai-lun GBS JP, Deputy Financial Secretary of the Hong Kong Special Administrative Region as our Guest of Honour and The Hon Winnie Ho JP, Secretary for Housing of the Hong Kong Special Administrative Region as our Special Honourable Guest.

Our Annual Fellowship Dinner is a joyous occasion of celebration. and I wish everyone a very enjoyable and stimulating evening.



Approaching the end of a year is always an opportune time to reflect on the year's challenges and achievements. In Hong Kong, our challenges have been massive, with global pandemic and geopolitical tensions impacting all sectors and strata. However, it speaks well of the core strengths and resilience of Hong Kong that our city is clearly rebounding and showing good signs of economic recovery.

Recently, emigration trends in Hong Kong have resulted in an outflow of talent, leading to talent shortages in many sectors. In 62 years of history,

The Hong Kong Management Association has held steadfast to its sion of nurturing human capital, for the sustained development of Hong Kong. To address the current talent shortage, our Association is supporting the business community and the government, on strategies for businesses to effectively retain and develop the appropriate talent pools, as well as long term initiatives to nurture talent in tandem with Hong Kong's evolving economic landscape and emerging new ndustries

All our work and achievements would not be possible without the wide support of prominent organizations and business leaders. All of us at HKMA are deeply grateful to everyone who selflessly contributed personal time, valuable advice and precious resources; who served on our Association's Council. Committees. Advisory Boards, Specialist Clubs, Awards Organizing Committees, and Judging Panels; or undertook sponsorships. This unstinting support bolsters our resolve and commitment to continuously aim high and strive hard for the betterment of our community and society.

Congratulations to our newly appointed Honorary President, Fellows, Charter Members, and Management Development Credit Unit Award winners, as well as winners of 2022 Hong Kong Sustainability Award; and the successful launch of HKMA / HKT Global Innovation Award.

This year, our Annual Fellowship Dinner is graced by The Hon Michael Wong Wai-lun, GBS, JP, Deputy Financial Secretary of the Hong Kong Special Administrative Region, as Guest of Honour; who will also address the gathering. I would also like to extend my heartfelt gratitude to our Special Honourable Guest, The Hon Winnie Ho JP, Secretary for Housing of the Hong Kong Special Administrative Region for presenting the MDCU Awards, new Fellows and Charter Membership as well as the Honourary Presidency

I look forward to celebrating a successful year with everyone, and wish all another fruitful and prosperous new year.

Rewarding businesses and individuals that rise to the sustainability challenge



Sustainable development brings immediate as well as long-term benefits that are invaluable to businesses, people and the planet. Established in 2016, the HKMA Hong Kong Sustainability Award has been promoting sustainability among the business community and recognizing their efforts, thereby benchmarking best practices in the industry.

Dr Delman Lee, Organizing Committee Chairman of the Hong Kong Sustainability Award, is pleased to receive overwhelming response from more than 130 organizations, among which small and medium-sized enterprises (SMEs) accounted for half.

"Although sustainability targets and capital investments for environmental projects were put on hold as they gave way to health and safety during the pandemic, companies regardless of their size and nature of business are coming up with innovative ideas and putting enormous efforts to be sustainable," says Lee.

He is happy to see corporations commit to the Sustainability Performance Targets such as reducing greenhouse gas emissions by 50% by 2030, or reaching net zero emissions by 2050. Companies are not only embedding these goals into their daily operations but also expanding the scope

"When we first started, companies were only doing Scope 1 and 2 carbon emissions, that is to reduce their energy consumption and switch to energy-efficient appliances and technology," he elaborates.

"Now they are moving to Scope 3, that is sourcing low carbon footprint supply chains and business partners."

Small changes, big impact

Lee is also glad to see SMEs and individuals do their part. For example, one of the winning entries is a hotel chef who changed the menu from heavy protein-based to plant-based, while another winning entry is a local fish farm that switched to sustainable feedstock.

The challenge for businesses to become more sustainable, he says, is to make it economically feasible. For example, sustainable feedstock in the previously-mentioned fish farm is only available for mid to high-priced fish, as it is difficult to make ends meet and more research is needed for low-priced fish.

More needs to be done

No matter how big or small, initiatives to reduce carbon footprint is a collective effort that reverberates among customers, suppliers and stakeholders. For instance, banks are promoting sustainable finance like green loans and green bonds to clients. Meanwhile, sustainable sources are offered in response to demand, such as eco-friendly bricks are now available for construction.

The ultimate goal, according to Lee, is to raise consumer awareness and switch consumer preference. As banks and industries move towards a sustainable direction, government regulations are also required to drive the green transition.

A lot more effort is required, as Lee concludes: "Hong Kong's sustainability achievements are on par with the world, but the world needs to do more; Hong Kong is striving towards sustainability, but every person should do more.

Wednesday, November 23, 2022

HONG KONG SUSTAINABILITY AWARD 2022

AWARD WINNERS

INDIVIDUAL AWARDS

tainability Leader of the Year Ms Juliana Lam

Founder and Chairman (Julius Industries Limited) Distinguished Sustainability Leadership Award

Large-sized Organizations

• Ms Iuliana I am Founder and Chairman (Julius Industries Limited) Medium-sized Organization

 Mr Richard Ekkebus Director of Culinary Operations and Food & Beverage

(The Landmark Mandarin Oriental Hong Kong) Small-sized Oraanizations

 Ms Justina Chiu Chief Executive Officer and Executive Director (Fortune REIT)

ORGANIZATION AWARDS

Grand Awards

Large-sized Organizations Sino Land Company Limited

Medium-sized Organization

Dorsett Wanchai, Hong Kong

Small-sized Organizations Smart Farming HK Limited

Distinction Awards

Larae-sized Oraanizations

 CLP Holdings Limited MTR Corporation Crystal International Group New World Development Company Limited DBS Bank (Hong Kong) Limited
Orient Overseas Container Line DFI Retail Group Hang Lung Properties Limited
Sino Land Company Limited • The Kowloon Motor Bus Co. (1933) Ltd. Swire Coca-Cola HK

Medium-sized Oraanization

 Sunlight REIT Dorsett Wanchai, Hong Kong

Small-sized Oraanizations Smart Farming HK Limited

Hysan Development Company Limited

Nestlé Hong Kong Limited

Secure Information Disposal Services Limited

 Champion REIT Cundall Hong Kong Limited

Merit Awards

Large-sized Organizations Budweiser Brewing Company APAC Limited Chinachem Group

 HKT Limited Medium-sized Organization ELCHK Lutheran Academy

Small-sized Organization Fortune REIT INNOTIFR I imited

Certificates of Excellence

Large-sized Organizations Analogue Holdings Limited Kerry Properties Limited

 AXA Hong Kong and Macau Lenovo Group Limited Haier Smart Home Co., I td. l'oréal Hong Kong

 Henderson Land Development
NWS Holdings Limited Company Limited •TIME Interconnect Limited

Hong Kong Air Cargo Terminals • Yip's Chemical Holdings Limited

Small-sized Organizations Dream Impact HK Limited Limited Celestial Asia Securities Crown Gas Stoves (Holdings)
Company Limited

Special Award - Economic

l imited

 Cundall Hong Kong Limited New World Development Dorsett Wanchai, Hong Kong MTR Corporation

Special Award - Social

 Budweiser Brewing Company APAC Limited Champion REIT Dorsett Wanchai, Hong Kong

Special Award - Environmenta

 Cundall Hong Kong Limited New World Development Company Limited

Special Award - Pandemic Resilience

 Champion REIT Dorsett Wanchai, Hong Kong
MTR Corporation Hang Lung Properties Limited

Special Award - Innovatio

 Champion REIT Dorsett Wanchai, Hong Kong

Dr Delman Lee (Chairman) Vice Chair TAL Apparel Ltd **Ms Cally Chan** General Manager Microsoft Hong Kong and

Macau **Prof Viveca Chan**

Dr Delman Lee (Chairman) Vice Chair

TAL Apparel Ltd Ms Bonnie Chan Co-Owner & Associate Director -ESG & Administration HKBN Group Ms Crystal Chan

Vice President, Corporate Affairs &

TAL Apparel Ltd Ms Michelle Chan Mr Jonathan Chiu President, Hong Kong

Mr Wilson Kwong

Chief Executiv

Mr Ricky Wong Director Wheelock and Company Ltd

 Sino Land Company Limited Smart Farming HK Limited

Company Limited

Company Limited

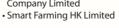
Smart Farming HK Limited

New World Development

Smart Farming HK Limited

INNOTIER Limited

 New World Development Company Limited



Consilium Education Company

Wednesday, November 23, 2022

Stationard 英文虎報

Distinguished Sustainability Leadership Award

It is a great honour

to be recognized for the

sustainability journey I

embarked upon together

with my team. This is not

just my sole effort, as none

of this would have been

possible without a committed

and creative team that has

been supporting my vision

from day one, or without

the support from Mandarin

Oriental Hotel Group and

Hongkong Land our owners.

Mr Richard Ekkebus, Director of Culinary

The Landmark Mandarin Oriental HK

Operations and Food & Beverage

Medium Organization

SUPPLEMENT 9

HONG KONG

Distinguished Sustainability Leadership Award

Ms Justina Chiu, Chief Executive Officer and

SUSTAINABILITY AWARD 2022

Small Organization

Executive Director

Fourtune REIT



Sustainability Leader of the Year **Distinguished Sustainability Leadership Award** Large Organization

Ms Juliana Lam, Founder and Chairman **Julius Industries Limited**



Ms Juliana Lam is the founder of INNOTIER and Julius Group. Under the new normal, the INNOTIER brand was created with ESG as its core values and "business with a purpose" as its principle. By incorporating "Hygiene Technology X Sustainability

X Fashionable Lifestyle", we have created apparel and accessories of the highest technology. Within the short span of 2 years since INNOTIER's founding, the company has already rapidly achieved countless milestones. We have received 4 patents on our technology and have collaborated with multiple international brands. Most notably, INNOTIER received UNESCO's award of being a Certified Sustainable Development Corporate (CSDC).

(LARGE ORGANIZATION CATEGORY)

Chairman & CEO WE Marketing Group

Ir Chris Chong Managing Directo Hong Kong District Cooling Coltd **Mr Anthony Leung** Managing Director, Hong Kong and Macau FedEx Express

Mr Stephen Leuna Former Country Manager Pfizer Hong Kong and Indonesia

Swire Coca-Cola HK

Mr Keith Siu Chief Operating Office Hong Kong and Macau Maxim's Caterers I td **Mr Billy Wong**

Managing Director, Greater China Crown Worldwide (HK) Ltd **Mr Ricky Wong**

Executive Director Wheelock and Company Ltd

Mr Victor Kwong

Corporate Sustainabilit

Communications Kerry Properties Limited

The Hong Kong and China Gas Co

Senior Director, Sustainability and

General Manager

Ms Michelle Lam

Dr Irene Lau Founding Chairman CSR TV

BOARD OF EXAMINERS

Dr Delman Lee (Chairman

A.S. Watson Industries Ltd

Schneider Electric (Hong Kong) Ltd

Vice Chair

TAL Apparel Ltd

Ms Michelle Chan

Managing Director

Mr Jonathan Chiu

President, Hong Kong

Ms Jane Liu Managing Director Jenston Technology Corporation Ltd Ms Sammie Leung

and Hong Kong Prof Carlos Lo Head, Department of Government and Public Administration, and Director,

The Chinese University of Hong Kong

Centre for Business Sustainability

Mr Aaron Tam Partner, ESG Services, Mainland China Senior Manager, Environmenta Capability Building Gap Inc.

> **Ms Kathy Tesvich** Head of Corporate Responsibility Hang Seng Bank

> > Social Ventures Hong Kong

Support and Consultation Centre for SMEs

receive this prestigious 'Sustainability Leader of the Year" Award. This award will greatly motivate us to further advance the sustainability agenda through responsible business practices and creating social impact.

I feel honoured to

At Fortune REIT, sustainability has always underpinned our business strategies and we are mindful of our decarbonisation mission. Our 16 Fortune Malls in Hong Kong are all green certified and we have already entered into sustainability-linked loans of over HK\$4 billion in total. I will lead Fortune REIT to continue creating value that goes beyond the business realm, and step up efforts to motivate all stakeholders to act collaboratively for a sustainable future.

PANEL OF JUDGES (SMALL AND MEDIUM -SIZED ORGANIZATION CATEGORY AND INDIVIDUAL AWARDS)

Ir Chris Chong Managing Directo Hong Kong District Cooling Co Ltd Mr Wilson Kwong

Chief Executive Hong Kong Air Cargo Terminals Ltd Mr Anthony Leuna

Managing Director, Hong Kong and Macau FedEx Express

Mr Hendrik Rosenthal

CLP Holdings Limited

Director - Group Sustainability

Mr Stephen Leung Former Country Manage Pfizer Hong Kong and Indonesia

Mr Francis Ngai Founder & CEO Social Ventures Hong Kong

Mr Billy Wong Managing Director, Greater China Crown Worldwide (HK) Ltd

Mr Ricky Wong Executive Director Wheelock and Company Ltd

Ms Rita Wong Corporate and Customer Communications Director AXA Hong Kong

Mr Ivan Yau General Manager, Community Affairs Department Sino Group

Ms Jessica Chan Head of Sustainability MTR Corporation **Dr Vincent Cheng** Arup Fellow, Directo East Asia Sustainable Development Leader Arup Ms Suzanne Cheung Head of Sustainabili

Impact MHK Restaurants Limited

ORGANIZING COMMITTEE

SPONSORS Dr Delman Lee (Chairman) Vice Chair Lead Sponsor: Schneider 📕 太古地產 新世界發展 Grand Sponsors: Managing Director A.S. Watson Industries Limited Electric New World Des SWIRE PROPERTIES 施耐德電氣 Schneider Electric (Hong Kong) Ltd Ir Chris Chong Managing Director Hong Kong District Cooling Company Limited Ф 中銀人奇 🚺 恒生銀行 HANG SENG BANK SINO GROUP 信和集團 Main Sponsors: BEA東亞銀行 Mr Eric Kwong Managing Director AluHouse Company Limited BOC LIFE Sponsors: ALUHAUSE ORIGINAL O Hong Kong Air Cargo Terminals Ltd Mr Anthony Leung Managing Director, Hong Kong and Macau FedEx Express Mr Stephen Leung Country Manager Media Sponsor: Media Partners: 星島日報 KWB Pfizer Corporation Hong Kong Ltd Mr Francis Ngai Founder & CEO Social Ventures Hong Kong Prof Joseph Ngai Senior Partner and Managing Partner, Greater China McKinsey Hong Kong The Chinese General Chamber of Commerce Hong Kong Export Credit Insurance Corporation Supporting Organizations: The Chinese Manufacturer's Association of Hong Kong The Hong Kong General Chamber of Commerce Mr Wan Chi-tin Managing Director The Hongkong Electric Co., Ltd The Chinese University of Hong Kong The Hong Kong Institution of Engineers **Communication Association of Hong Kong** Junior Chamber International Hong Kong

Council for Sustainable Development

Federation of Hong Kong Industries

Mr Billy Wong Managing Director, Greater China Crown Worldwide (HK) Ltd



Swire Coca-Cola HK quenches thirst with sustainable solutions

Armed with a comprehensive sustainable development strategy, Hong Kong's leading non-alcoholic beverage manufacturer is well-equipped to meet the challenges for a areener future.



Serving Hong Kong for more than 55 years, Swire Coca-Cola HK has been the authorized bottler and distributor of The Coca-Cola Company since 1965. It delivers an expansive selection of beverages to every corner of Hong Kong every day from its bottling plant at Siu Lek Yuen, Shatin, which produced, in 2021, 58.7 million unit cases.

Its sustainable development strategy "Our Choice. Our Future!" covers seven key areas of Climate, Water, Packaging and Waste, Product Choice, Sourcing, Our People, and Community. These focal areas are integrated into its governance structure and performance indicators, with each area setting their own 2025 and 2030 targets.

Returnable glass bottles make a comeback

While the government is set to implement the Producer Responsibility Scheme for plastic (PPRS) and glass (GPRS) beverage containers in the near future, Swire Coca-Cola HK has already put into action to reduce, reuse or recycle single-use plastic and glass beverage containers.

The company is broadening its product portfolio to include more sustainable packaging options. It has also re-launched Returnable Glass Bottles (RGB) and is switching from single-use beverage containers to reusable ones.

Its new RGB, which can be reused for 20 times, are composed of 60 percent recycled materials, in addition to reducing the weight by one-third, and offering both environmental and economic benefits

To achieve higher collection and recovery rate, the company provides convenient return channels and displaying eye-catching "Return To Reuse" message on RGB.

Stay hydrated with reduced carbon footprint

Refill, not landfill. A great way to reduce single-use beverage bottles is for consumers to develop a habit of "bring-your-ownbottle". Bonaqua Water Stations have been installed in numerous locations across Hong Kong, from hiking trails to major shopping malls and transportation hubs, for people to refill their drinking

The company also supports the "Drink Without Waste" neighborhood collection scheme to encourage the community to return used plastic beverage bottles through a cost-effective and efficient collection programme.

Beyond Bonagua's new look

Consumers may have noticed that Bonagua bottles have undergone a facelift. This is one of the efforts of Swire Coca-



Cola HK that go in line with The Coca-Cola Company's "World Without Waste" goals to redesign its beverage packaging.

A closer look reveals that Bonaqua's new design has its packaging minimized to become the world's first individuallysold label-less bottled water. Laser incising technology is used directly on the bottle to eliminate the use of labels while improving recyclability

What's more, locally produced still Bonaqua bottles have switched to 100 percent recycled PET (rPET) materials. The bottle sleeves feature clear recycle information such as plastic resin codes and prominent "Recycle Me" messages

In a further step to reduce single-used water bottles in hotels, the company has collaborated with EAST Hong Kong and the Upper House to install in-room water filtration systems.

A caring culture that extends to the community

As successful strategy implementation hinges on the people and the corporate culture, the company has launched a "Refresh & Excite Programme" to support diversity and inclusion, health and safety, volunteering and community care.

Programme highlights include a Diversity and Inclusion week with workshops and seminars to promote equal opportunities among genders. It has also set a gender equality goal of getting at least 50 percent women in leadership roles by 2030.

A target was also set for each employee to do eight hours of volunteer work per year by 2025. To encourage volunteering culture, a one-day Volunteer Leave is available for all staff. Its Volunteering Team meanwhile arranges volunteer activities to encourage colleagues to serve the community



On a broader scale, to support the development and sustainability of the communities where it operates, Swire Coca-Cola HK pledges to invest 0.6 percent of its annual profits to the CSR Fund in 2022, rising to a target of 1 percent through gradual incrementation

Advanced technology drives sustainable operations

To pinpoint operation limitations and invest in enhancement projects, a five-vear Business Transformation Programme kicked off in 2018. More than 200 projects have been launched to date.

With the aim of building a future proof and flexible value chain through infrastructure upgrade and digital transformation, the Programme covers the five pillars of Infrastructure, Digital. People, Commercial and Sustainability

By upgrading production facilities, a wider and premium portfolio of products can be accomplished with sustainable packaging options to minimize environmental impact. This increases product choices for consumers and help build a greener future

Meanwhile, creating an engaging workplace and developing talents are important as happy staff not only make happy customers, but also support sustainable value creation.

Swire Coca-Cola HK's sustainable development strategy "Our Choice. Our Future!" inspires constant improvement and innovation, ultimately builds a better and more sustainable future for both the business and the community.



HK

biodiversity



HONG KONG SUSTAINABILITY AWARD 2022

Sino Group is dedicated to sustainability as it meets its corporate goal of "Creating Better Lifescapes"

In fulfilling its mission of building thriving communities, Sino Group has, for more than half a century, been led by its guiding principles of embracing green living and wellness, pursuing meaningful design and seeking innovation while respecting heritage and culture.

Sustainability lies at the core of this mission with its overall sustainability strategy management overseen by the Board of Directors and regular updates from the Environmental, Social and Governance (ESG) Steering Committee.

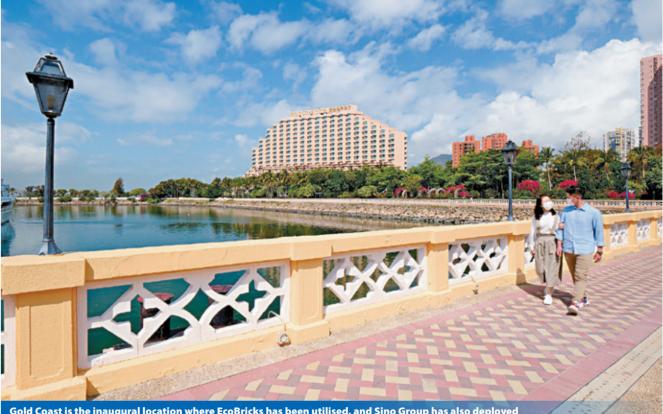
To set a clear direction for sustainability throughout its crossfunctional operations, the Group has adopted the Sustainability Vision 2030 (SV 2030) that maps its sustainability course for 2030 and beyond. With some of the goals actually achieved ahead of schedule in 2022, a further 15 new goals have been added, bringing the total number to 38.

The Group's sterling efforts over the years for a greener future have been widely recognised as reflected in a list of over 100 accolades, including Regional Top-rated ESG Performer by Sustainalytics and an 'A' rating in the MSCI ESG Indices.

On par with international best practises, Sino Group is the first developer in Hong Kong to implement the Stakeholder Capitalism Metrics advocated by the World Economic Forum (WEF) and the International Business Council to enhance the credibility and transparency of its ESG disclosures.

The Group also aligns sustainable building practices with leading local and global standards and certifications, including BEAM Plus and the WELL Building Standard[™].

Going forward, Sino Group is set to deploy innovative solutions and take further steps towards three areas decarbonisation, promoting a circular economy and urban



Gold Coast is the inaugural location where EcoBricks has been utilised, and Sino Group has also deployed EcoBricks at other properties like Olympian City and The Fullerton Ocean Park Hotel Hong Kong

Decarbonisation to reduce greenhouse gas

In 2021, the Group announced its commitment to achieving net zero carbon by 2050. After a year of research with the Hong Kong University of Science and Technology to set science-based targets, the Group took this commitment to the next level with the Decarbonisation Blueprint which outlines long-term strategies and approaches to carbon reduction.

> Its decarbonisation strategies focus on three areas: Development, Operations and Collaboration. Interim targets include the reduction of Scope 1 and 2 GHG emissions per square metre by 53.1% from the 2018 baseline and set a new target to reduce Scope 3 GHG emissions in line with SBTi methodology by 2030

> Other interim targets cover a broad area, including reducing electricity use intensity by 30% from the 2018 baseline; conducting climate risk assessments at Sino Land's wholly-owned new development projects: and obtaining BEAM Plus Gold or above certification at all of Sino Land's wholly-owned new development projects.

Let's Go Circular with less waste

"Go Circular" is Sino Group's circular economy platform that addresses waste issues and transforms waste into new opportunities. Giving a second life to unwanted materials, it includes upcycling disposable wastes into furniture; transforming textiles such as towels, bed sheets and uniforms into a new generation of building material; and turning food waste into renewable energy

Building a greener future brick by brick, Sino Group is a strong backer of local start-up EcoBricks Limited to kick off a breakthrough solution on plastic waste by upcycling plastics into sustainable construction materials

EcoBricks made its debut by paving the Gold Coast Piazza in Tuen Mun. Over 15,000 EcoBricks were used, upcycled from the plastic from over 560 old washing machines, equivalent to 5,400 kg of plastic waste. EcoBricks has been used in other Sino properties including Olympian City and The Fullerton Ocean Park Hotel Hong Kong.

Apart from working with green partners, Go Circular also involves colleagues to come up with innovative recycling solutions in the workplace, while mall tenants, shoppers and the community take part in fun-filled recycling workshops and events.

Urban biodiversity on land and sea

Fully aware of the importance of protecting the marine and terrestrial ecosystems, Sino Group integrates biodiversity considerations into all aspects of its operations.

Highlights of the Group's biodiversity efforts include CORAL REEFStoration, Hong Kong's first cross-sector collaborative project to rehabilitate local coral reef habitats in Hong Kong's southern waters

In this project, Sino Group teams up with the Hong Kong Innovation Foundation, Ocean Park Corporation, archiREEF Limited, and The Fullerton Ocean Park Hotel Hong Kong.

Primary and secondary school students are also invited to be ambassadors, aptly named 'Coral Reefstorators', through a series of action-nacked activities such as snorkeling and hands-on coral husbandry experiences to gain in-depth knowledge of coral conservation

Another highlight is Farm Together, the Group's integrated green community project to plant the seeds for sustainability and draw the community closer to nature. The project involves green groups and disadvantaged and youth groups to promote both urban farming and social inclusion.

Comprising 19 farms in Hong Kong and one in Singapore, Farm Together breathes new life into the Group's properties located in Hong Kong Gold Coast Residences, the first vertical garden at Citywalk in Tsuen Wan, Skyline Tower in Kowloon Bay, and the pioneering organic farm at Hong Kong Gold Coast

Taking on the role of urban farmers, Sino Group's colleagues, tenants, hotel guests and the wider community can all enjoy the wonders of nature and the fruits of their labor.



The CORAL REEFStoration project utilises the world's first 3D-printed in terracotta from archiREEF to rehabilitate the coral reef habitat in Ho l re<mark>ef tiles</mark> long Kongʻ

Crystal International shows the way to a low-carbon, climate-resilient fashion industry

Progressing towards its 2050 net zero goal, Crystal International Group Limited, a global leader in apparel manufacturing, shines in five sustainability pillars - Environment, Innovation, Product Integrity, Employee Care, Community Engagement, aligning with the Sustainable Development Goals of the United Nations.

Founded in 1970, Crystal International Group Limited is a leading manufacturer in lifestyle wear, denim, intimate, sweater, sportswear and outdoor apparel. Headquartered in Hong Kong, integrated net zero into the group operates around 20 manufacturing facilities in Vietnam, China, Cambodia, Bangladesh and Sri Lanka.

Staying focused on sustainability, the group's sterling efforts in social and environmental contributions were recognized by Fortune magazine's "Change the World" list in 2016, ranking 17th out of 50 global companies.

Taking sustainability targets to new heights

Crystal International began to focus specifically on sustainability in 2007 when it developed its sustainability framework, which comprises five pillars aligning with the Sustainable Development Goals of the United Nations: Environment, Innovation, Product Integrity, Employee Care and Community Engagement

Based on this framework, its first Global 5-year Environmental Targets were set in 2007. Over the years, all the targets have been met with flying colors, thanks to the group's determination and untiring efforts. The group is currently in its third set of targets, which provides a strategic direction for all its factories and takes green apparel manufacturing to the next level.

Striving towards Net Zero 2050 vision, together

Crystal International has committed to net zero emissions by 2050 with an interim target of reducing 35 percent aggregate greenhouse gas emissions by 2030.

According to its Chief Executive Officer Andrew Lo, it is important for leaders in the garment industry to set an example for the entire industry towards net zero emission goals





To achieve this longterm goal, the group has its corporate strategy and ramped up decarbonization actions, including enhancing productivity and energy efficiency, augmenting the use of on-site renewable energy and exploring opportunities for off-site renewable resources. It will also invest in new green technologies for its operations.

On the other hand, Lo believes that cross-sector

collaboration is essential to accelerate the transition to a net-zero economy. As one of the signatories of the United Nations Fashion Industry Charter for Climate Action, the group has been pooling efforts with over 170 brands, manufacturers and organizations.

"The challenges are high and sometimes seem insurmountable, but the opportunities are huge and real," he says. "I believe it can be done but we need everyone from retailers, brands, garment manufacturers, fabric mills, and the rest of the supply chain to work together to make it happen.'

Smart warehouse boosts digitalization and automation

As a part of its plan to automate and digitize its systems, Crystal International launched the smart warehouse solution in its Vietnam denim factory this year. The smart warehouse is key to managing high-volume warehouse operations and complex supply chain logistics.

In addition to 24/7 flexible operations and increased storage volume by 100 percent, the system and enhanced logistics flow help to minimize labour constraints by reducing 50 percent manpower and increase the efficient use of land space. Minimizing human activities also improves worker safety and lowers the risk of injury

Furthermore, since all warehouse data are stored in one system, tracking fabrics and finished goods inventory becomes more efficient. All these bring additional value to customers - boosting movement of materials and streamlining the manufacturing process.

Empowering over 50,000 female workers with knowledge and skills

As women accounts for 70 percent of the total workforce at Crystal International, the group puts utmost efforts into promoting gender equality. To date, it has empowered over 50,000 female employees in its factories through its self-developed CARE program, which covers the P.A.C.E. program initiated by Gap Inc. and the HERproject initiated by Business for Social Responsibility.

In 2021, 6,151 female trainees attended a total of 81,164 training hours, equipping themselves with knowledge such as financial literacy, health and safety, time management and career advancement

After the course, female employees perform more professionally at work and lead an improved personal life. They have become proactive, thinking positively and creating a harmonious work environment. Efficiency and quality have also significantly risen with outstanding employees promoted to line leaders





Pioneering award-winning digital learning program

P.A.C.E. is initiated by Gap Inc. to empower front-line female workers in the garment industry to equip them with work and personal skills for better individual development and career enhancement

In 2012, the group launched P.A.C.E. in its China denim factory. Following its success, the program commenced in Vietnam, Cambodia and Bangladesh.

During the pandemic, the denim factory in China developed a digital P.A.C.E. program, making Crystal International the first global apparel manufacturer to deliver P.A.C.E. digitally. Subsequently, the demin factory in China was awarded "The Digital Content Creator Award" at the P.A.C.E. Awards 2021 by Gap Inc

Meanwhile, the denim factory in Cambodia also won "The P.A.C.E. Photo of the Year Award", recognizing Crystal's efforts in supporting female workers

Bracing for the challenges ahead

With the accomplishment of current targets including freshwater conservation, women empowerment and volunteering hours Crystal International will continue its endeavours to achieve carbon reduction and tree planting targets. Crystal International is on track in completing its Third Global 5-year Sustainability Targets by end of 2022, including carbon reduction, freshwater conservation, tree planting, women empowerment and volunteering hours.

In addition to its long-term climate goal, plans are in place to draw up its "Crystal Sustainability Vision 2030" which will comprise a comprehensive set of social and environmental targets to address industry sustainability challenges, leading it to reach new heights.

Please visit crystalgroup.com for more details.



Sustainability objectives steer greener operations

selections.

percent in three years.



Chinachem Group has People, Prosperity and Planet at heart

More than a mere property developer, Chinachem Group embraces strong corporate values, and is dedicated to maximizing positive impact by creating better environments, stronger communities and shared value in all its endeavours.

As one of Hong Kong's largest real estate developers, Chinachem Group boasts a unique standing independent of public or family ownership, allowing it to enjoy the freedom of placing social and environmental values on an equal footing to profit. Chinachem Group positions itself as a 'purpose-driven

enterprise' that aligns profit with a purpose to make long-lasting, positive impacts on society behind everything it does. To achieve this, it adopts a 'Triple Bottom Line' that puts

People, Prosperity and Planet as equally important factors, facilitating long-term business development while creating positive value for society

As a conscientious developer, Chinachem seeks to grow its business under sound corporate governance and build for a quality lifestyle and environment, serve the community and accumulate resources for charity and public benefit. Its ultimate goal is to create a better tomorrow not only for itself, but also for its partners and the communities it serves.

Aligning with the United Nations Sustainable Development Goals (UNSDGs), as well as its own sustainability objectives, the Group pledges to cut carbon emissions by 51.8 percent by 2030. Its 'Carbon Reduction Roadmap – CCG 3050+' includes a series of long-term decarbonisation strategies with the increased use of renewable energy. Chinachem Group is the second real estate developer in Hong Kong to have committed to setting sciencebased targets (SBT) that would help limit global warming to 1.5°C, which provides a clearly-defined path to reducing emissions in line with the Paris Agreement goals and mitigating the worst impacts of climate change

To reduce waste generation at source, regular reviews of materials consumption are made with priority on the use of ecofriendly materials. The Group has set a 'Sustainable Procurement Policy' with departments formulating their own guidelines for practical implementation of sustainable procurement.

Utilizing green investment and financing

The Group has implemented ESG investment guidelines since 2021 which adopt the MSCI ESG rating system, and exclude non-ESG friendly sectors, such as tobacco and wine, casino and gaming, weapons and military, in its investment portfolio. It has also exemplified the significance of ESG factors towards portfolio management by incorporating ESG ratings into investment

Moreover, a mechanism is in place that uses Sustainabilitylinked or Green Loans whenever funding is needed, with a target of green project loans in its investment portfolio to reach 90



prototype of the Tonkin Street Rede private residential project in Hong Kong by a priv oper to adopt MiC technique.



Purposeful projects driven by the 'Triple Bottom Line'

Focusing on People, Prosperity and Planet, "Triple Bottom Line" guides Chinachem Group to create positive impacts that extend beyond the property itself – engaging the community, integrating environmental considerations in its development, addressing social needs and building a sustainable society.

Modular construction at Tonkin Street

The Tonkin Street Redevelopment Project is the first private residential project in Hong Kong by a private developer to adopt concrete Modular Integrated Construction (MiC) technique, an innovative construction method by which modulars are assembled in a factory and installed on site.

The environmental benefits of MiC are numerous. Paring on-site construction significantly cuts carbon emissions with an expected reduction of 68 percent in construction waste and 75 percent in noise

MiC also facilitates construction progress as it reduces 70 percent on-site manpower. Buildings can be completed faster, achieving a win-win situation for construction workers, developers and prospective buyers.

The Tonkin Street Redevelopment Project has attained the Grand Award in 'New Buildings Category: Projects Under Construction and/or Design - Residential' of HKGBC Green Building Awards 2021. It aims to attain Gold Rating in BEAM Plus New Buildings and WELL Building Standard.

Preserving Hong Kong's disappearing rural heritage

Chinachem Group steps in and joins the 'Same Roots, Same Origins' project by the Hong Kong UNESCO Global Geopark (HKUGGp) to empower rural communities, support their revitalization and conserve their roots, which would otherwise be lost without a systematic record of their cultural heritage.

Supported by the Group, Lai Chi Wo Story Room was opened in 2021. The Story Room showcases the colorful culture, including the daily life, wedding customs, traditional medicine and folk songs of seven Hakka villages collectively known as the Hing Chun Alliance.

Managed by village residents themselves, the Story Room records the collective memories of villagers and strengthens the ties to their heritage. A spin-off from this conservation project is the allure created for visitors with its rustic scenery and organic farming produce. There are strong potentials for the development of green tourism which indirectly benefits the area in terms of improved facilities, infrastructure and accessibility.



Interesting happenings are in the pipeline to raise awareness on safeguarding cultural heritage and sustainable models of heritage conservation.

Revitalizing Central Market

Chinachem has breathed new life into Central Market by reinventing the Grade III heritage building into a 'Playground for All', a vibrant community hotspot with three core themes of "Approachable," "Energetic," and "Gregarious".

Featuring an interior design concept that grounds on a boundary-less spatial concept, Central Market interweaves food experience, retail-tainment, co-working nature and cultural experience into one magical hub where people can truly enjoy hemselves

The revitalized building has also made the most of advanced technology, and is Hong Kong's first facility to adopt a total endto-end digital customer experience from ordering and payment to delivery. Additionally, the Group actively supports the local startup ecosystem by incorporating an innovative "Plug-to-Operate"

Central Market is set to be the next-generation hub that fosters meaningful connections with partners. Plans are in place to hold up to a myriad of 250 exciting events there, including tours, workshops, exhibitions and performances. Parents must not miss out on the fun initiatives to promote the study of Science, Technology, Engineering, Art and Mathematics (STEAM) and stimulate students' creative thinking.

HONG KONG **SUSTAINABILITY AWARD 2022**

INNOTIER fuses virus-fighting technology, hygiene and sustainability into fashion



INNOTIER, a cutting-edge fashion brand, was conceived in an R&D center in the UK where the company teamed up with partners in the US to create products with the highest technology and sustainability.

its headquarters. INNOTIER is an innovation-driven company with a mission to develop products that promote a sustainable

lifestyle while leveraging the wealth of experience in sustainable production and vertical supply chains in Asia.

The company has 60 years of experience in manufacturing with its heritage roots in gloves manufacturing since 1963. It restarted in 2016 and adopted ESG principles and sustainability to create a new business with a purpose.

Backed by a global mindset with a view to providing humancentric solutions, its mission combines the three pillars of hygiene technology, sustainable lifestyle and fashion. It fully owns all of its factories to offer top-quality products derived from ESG and sustainability

Antiviral garments meet market needs through sustainable technology

Faced with the pandemic, INNOTIER realized that fashion alone can no longer satisfy consumer needs. Its patented technology steps in to create fashion that offers protective antiviral and antimicrobial functions.

Anti-viral fabrics function by inhibiting and eliminating micro-

Selecting Hong Kong as organisms from growth and reproduction, thereby providing protection against pathogens. These pathogens include odorcausing bacteria and stopping their growth can prevent unpleasant odor oozing from clothes.

> In addition, Innotier garments have pure silver woven into the fabrics instead of merely laminating or spraying onto the surface of the materials. This ensures that anti-viral efficiency stays intact for the entire lifetime of the garment.

Redefining fashion with function in a sustainable way, INNOTIER was awarded a Certified Sustainable Development Corporate (CSDC) recognition by UNESCO HKA.

Reducing carbon footprint by reusable antiviral Innoshield masks

With 54 million one-off disposable masks discarded each week in Hong Kong, and with every decomposed mask releasing 880,000 to 1.17 million microplastics, INNOTIER stepped in to address the problem by introducing Innoshield masks.

Innoshield masks can go through 200 washes and feature a self-disinfection efficiency that lasts throughout the lifetime of the product. Made of fabric that contains silver yarn, they are proven against SARS-CoV-2 (COVID-19) with a 99% reduction on contact and onwards.

These reusable face masks not only offer anti-odor and



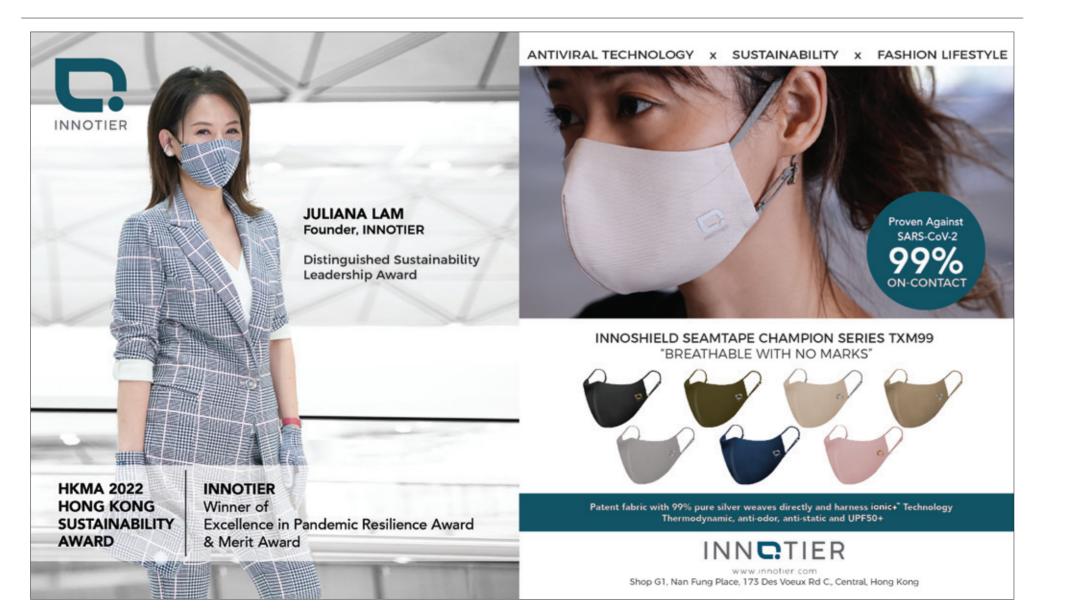
Wednesday, November 23, 2022

INNOTIER'S Flagship Store in Central

ultra-violet protection 50+, but are also breathable, soft and comfortable to wear. Most important of all, they eliminate the use of disposable masks.

From 2020 to June 2022, 130,000 Innoshield masks were produced, reducing carbon emissions by 91.37%, or 776,841 kg of carbon dioxide

Apart from InnoShield masks, Innotier also offers InnoTouch gloves, InnoCapsule UVC disinfectant pouch, InnoSpace UVC disinfectant garment bag and an array of travel accessories to protect travelers irrespective of their destination.



Champion REIT.

"In full acknowledgement of the symbolic meaning of '1+1>2', we champion our sustainability journey with stakeholders towards ESG betterment," she stresses, as Champion REIT continues to optimize effective resource management and work hand-in-hand with stakeholders to leverage more power for greater win-win outcomes in future Top areen building recognitions

In particular, Three Garden Road is awarded the Platinum rating under BEAM Plus with the highest score in Hong Kong. It is also the first existing building in Hong Kong to attain the highest Platinum award at the WELL Core Existing Building Scheme, making it one of the six properties to attain Double Platinum ratings. In addition, Langham Place Mall is honored to be the first property in Hong Kong to receive the EDGE Green Building Certification for its outstanding eco-friendly efforts. Forging meaningful partnerships

into the wall painting.

back to the farm.

In each and every project, no matter where and when it is held, Champion REIT strives to extend the positive impact and the power of engagement and connection to every party involved, from the partners to the participants, organizers and beneficiaries. This is shown in another initiative where Champion REIT joined hands with another charitable organization to source handmade aprons for workshop use, in turn offering an opportunity to empower those beneficiaries and realize their social

and the community.

HONG KONG SUSTAINABILITY AWARD 2022

Champion REIT spearheads sustainability via meaningful engagement

Champion REIT is a Hong Kong real estate investment trust that owns and invests in a portfolio of prime properties, notably the upscale Three Garden Road and Langham Place. At the heart of its business philosophy and culture is sustainability, which is not only integrated into every facet of its business, but also evidenced in its 2030 sustainability blueprint and 2045 carbon net-zero emission roadmap.

Leveraging the power of synergy, Champion REIT and its stakeholders set off positive ripple effects that spread far and wide in its journey to sustainable developments.

The power of collaboration

"Several prestigious awards have been bestowed upon our properties, which is a glowing testament to our all-rounded competence in implementing sustainable initiatives," says Christina Hau, Chief Executive Officer of

With a proven record in its sustainability efforts, Champion REIT has been constantly advancing climate solutions through technological innovation and facilities upgrade. These accomplishments have garnered numerous local and international green building awards which further highlight its properties as green and wellness icons in the city.

Titled "Love · Play · Farm", Champion REIT's 2022 large-scale Trust-Tenant-Community green project kicked off with a mural painting project, where a group of artistic talents, SEN children and children of its colleagues unleashed their creativity by putting together farm elements

This trilateral initiative also engages tenants to a series of horticulture classes, with learner- and experiencer-friendly workshops on soil preparation, seed germination and home-grown tips. A sense of ownership is advocated by encouraging participants to transplant their grown plants

Creating positive impacts through music

Since 2015, "Musica del Cuore" aspires young performers to actualize their passion for music through regular concerts held at Three Garden Road. This classical music concert series has also become a delightful getaway from busy everyday life for tenants and visitors.

Adding to the excitement are performances on the hottest talk-of-thetown topics. Among them is the recent Japan Autumn Festival, during which renowned Japanese pianist Miyako Arishima was invited to perform at Three Garden Road, connecting the hearts of people beyond boundaries.



Being the artistic patron since 2015, Champion REIT has been supporting "Musica del Cuore" at Three Garden Road to nourish its tenants



Executive Officer of Champion REIT.

Champion REIT embraces and extends the essence of synergy through initiatives that engage their tenants, customers, staff and the community at large along its ESG (Environmental, Social and Governance) journey.



Langham Place tenants learnt to grow their own herbs at Love • Play • Farn

Curated with a focus on sustainable development, Champion REIT's iconic properties are a source of inspiration and delight for all.





ChampionREIT 冠君產業信託





HONG KONG SUSTAINABILITY AWARD 2022

CLP 中電 CLP Holdings Limited

16 SUPPLEMENT

ΗК

Sustainability sits at the heart of the business strategy of CLP Holdings Limited, a company committed to creating long-term value for stakeholders. To address the critical global sustainability challenge of climate change, CLP's Climate Vision 2050 sets out a clear decarbonisation roadmap for the Group to achieve net-zero greenhouse gas emissions by 2050.

With its strength in Hong Kong alongside a long-term commitment in Mainland China, CLP is accelerating efforts to grow and transform into a Utility of the Future, providing low-carbon, customercentric energy infrastructure and services to meet growing demand for smarter, cleaner energy solutions in the Greater Bay Area. Together with a strong network of partners, CLP is committed to supporting the energy transition in Australia and India.



DFI Retail Group

Founded in 1886, DFI Retail Group started out with the mission of providing the people of Hong Kong with clean, affordable, fresh milk. As a major retailer today, our responsibilities go beyond serving our customers. We have formulated our sustainability strategy based on our value of caring passionately, with three core pillars on Serving Communities, Sustaining the Planet and Sourcing Responsibly, under which we focus on material issues corresponding to 14 UN Sustainable Development Goals. We are fully engaged in retail decarbonisation technologies and also launched the 7-Eleven "Sik Tak Fan La" Charity Programme with Pei Ho Counterparts to serve those in need earlier this year. Striving forward, we will continue to embed sustainability in our operations to create a more habitable future.

Spring City 66, Kunming - 100% Powered ₩₩ 恒 隆 地 產 by Renewable Energy

Hang Lung Properties

As an early win in support of its target to meet at least 25% of the mainland China portfolio's electricity demand with renewable energy by 2025, Hang Lung has completed a 100% renewable energy transaction at Spring City 66, Kunming. The project is Hang Lung's first development and the first commercial complex in Yunnan Province to achieve net-zero carbon emissions in annual electricity consumption for both the landlord's and tenants' operations. Its renewable electricity comes from solar, wind, and hydroelectric power. The transaction is expected to reduce the property's carbon emissions by around 46,500 tonnes per year and reduce the total annual electricity cost for both landlord and tenant areas by about 10% compared to 2021

MTR

As a low-carbon mass transit operator, MTR strives to connect and grow communities with inclusive, innovative and sustainable services. With the aspiration to "Keep Cities Moving Sustainably", the Corporation has developed three environmental and social objectives, including (1) Social Inclusion, (2) Advancement and Opportunities, and (3) Greenhouse Gas Emissions Reduction. Under these three social and environmental objectives, MTR has clearly defined 10 focus areas and a set of key performance indicators that the Corporation will concentrate its efforts to create a greater impact for society. MTR is delighted to receive the "Distinction Award (Large Organisation Category)" of the Hong Kong Sustainability Award 2022 organised by Hong Kong Management Association in recognition of the Corporation's outstanding economic, social, and environmental performance.



Orient Overseas Container Line Ltd.

OOCL is one of the world's largest integrated international transportation and logistics companies and is an industry leader in the use of information technology and e-commerce to manage the entire cargo transport process. Our modern fleet includes some of the youngest, largest, fuel-efficient, and environmental-friendly vessels carrying cargo on hundreds of trade routes, providing a vital link in Global Trade. Throughout various initiatives, collaboration with industry players, and development of green IT solutions, we are committed to enhancing operational efficiency, bringing innovative solutions to our customers, and encouraging sustainable economic development

XDRS DBS Bank (Hong Kong) Limited

Harnessing technology for good, DBS Bank (Hong Kong) Limited is pleased to introduce LiveBetter, one-stop digital sustainability platform in the DBS digibank HK app that encourages customers who are driven by the purpose to foster more sustainable living. LiveBetter in the DBS digibank HK app is a onestop digital sustainability platform providing easy access to eco-friendly insights, tips and investing in ESG funds seamlessly. The LiveBetter platform is customised for customers with green retail financial solutions while encouraging them to Live more, Carbon less. DBS Hong Kong will continue to take an active role in driving sustainable development.

Dorsett Wanchai's #GoGreen Promise for a DORSETT Sustainable Future 香港港任命信道。

Ensuring the well-being of the hotel guests is always the top priority of Dorsett Wanchai. Previously as a quarantine hotel, the hotel hosted charity-based activities such as HIIT workout class and wine tasting on Zoom, and invited the guests to connect with the outside world with DIY messages on the windows on Mother's Day. 100% of event proceeds went to Harmony House, the hotel's charity partner.

As the first Hong Kong hotel to collaborate with BRITA providing water filter jugs for quarantine guests, further to a vast array of green efforts in the hotel's daily operation, the hotel had successfully imized plastic waste and carbon emissions, throughout the time in COVID.

Moving forward to welcome travellers around the globe, Dorsett Wanchai will continue to uphold its #GoGreen promise, phasing out disposable bathroom amenities and bottled water as part of the new direction, while offering vending machine vouchers for guests to redeem amenities, drinks and snacks as they need, ensuring their comfort and convenience.



The Kowloon Motor Bus Co. (1933) Ltd.

The Kowloon Motor Bus Co. (1933) Ltd. ("KMB") is currently the largest franchised bus operator in Hong Kong, serving 2.7 million daily passenger trips. Devoted to promoting green transport across the city, KMB has laid down a clear timeline for upgrading the whole fleet to new energy buses by 2040. The company has 30 single-deck electric buses in its fleet right now, with another 52 electric doubledeckers serving the public next year. KMB is also purchasing up to 500 electric buses in the next 3-5 years and building two multi-storey bus depots in Tuen Mun and Tai Po that cater for the charging need for 850 new energy buses.

前世界發展 New World Development Company Limited

Founded in 1970, New World Development Company Limited ("The Group", Hong Kong stock code: 0017) was publicly listed in Hong Kong in 1972 and is a constituent stock of the Hong Kong Hang Seng Index. A premium brand infused with a unique personality best defined by The Artisanal Movement, New World Group's core business areas include property development, property investment, road, aviation, construction and insurance. Its operations in Greater China, especially the Greater Bay Area, had a total asset value of approximately HK\$635.9 billion as at 30 June 2022. The Group has an effective interest of approximately 61% in NWS Holdings Limited (Hong Kong stock code: 0659) and approximately 75% in New World Department Store China Limited (Hong Kong stock code: 0825) and wholly owns New World China Land Limited



Smart Farming (SF) believes in "We Are What We Eat"

SF uses data and technology to build a green and sustainable farming system. SF has a Smart complete seafood supply chain from hatcher, nursery, on-growing, harvesting, and processing, forming to marketing, with veterinarians on site in future. Shrimp breeding is the first project in line.

SF is equipped with recycling machines to convert food waste into eco fish feed. With blockchain, Smart Farming can keep comprehensive records of food waste recycling, farming, harvesting, processing, and sales of fish products, ensuring transparency, traceability and non-alterability. SF has developed 'Smart Fish' - a robotic fish. It has an underwater camera for remote video

monitoring, and an IoT sensor for measuring water quality. Its AI function carries out fish identification and fish health detection, emitting warnings if unusual water quality is detected.

SF has launched a 'Sustainable Aquaculture Internship Programme' to provide internship opportunities to perpetuate the aquaculture know-how and experience, with start-up funding and skilled mentors provided.





Crown Gas Stoves loldings) Company Limited -Director



Cundall Hong Kong.



Crown Gas Stoves embraces change with agility and care

One of the largest gas service suppliers, Crown Gas Stoves (CGS) is a gasoline equipment service supplier founded in 1976.



(CGS) has built an extensive network on bottled and central gas supply, gas fittings and equipment, gas engineering and dangerous goods delivery. As modern flats adopt open kitchens, electric stoves are preferred over gas

Serving 150,000 residential and

business customers. Crown Gas Stoves

stoves. Thus the company brings in electric cookers like air fryers. Its electric Korean BBQ grills are so popular that it was sold out for a while.

Currently, gas cookers occupy 70% of its business. It has launched gas cookers in modern, slim designs to fit small kitchens and has tapped into the market of household

kitchen and washroom products and design.

Apart from having sales outlets in Hong Kong and Macau, the company has expanded to Australia to target Chinese people there as gas stoves can give the "wok hei" effect in Chinese cuisine.

Moving with the times

Keeping abreast of technological advances, the company has had its operations

fully computerized. In 2004, it introduced the first hotline order center which integrates customer service with its wireless delivery fleet to articulate technology in a traditional business. Errors were reduced with efficiency and convenience for its customers hoosted

Its app also proved very useful. During the pandemic, online sales of CGS cookers went up by 20%.

As a member of GS1 HK, the company has all its products including those of its suppliers fitted with a GS1 global barcode, which is convenient not only for inventory control but also for physical and online sales.

Customer first

Recognized by the GS1 HK Customer Caring Scheme since 2017, the company places every effort on product safety with the "GU" logo attached to the company's stoves to show the safety approval from the Electrical and Mechanical Services Department



A customer-oriented attitude is also vital. There was an instance on a cold winter night when the company received a call from an elderly customer that the water heater was broken. Staff was dispatched at once for repair so that the elderly customer can have a hot shower that night.

Personalized service is shown through sending reminders to customers of the expiration date of their products for inspection and replacement.

Caring for its staff

In addition to long-term customers, the company also has long-term employees. Around 70% of its staff has been staying with the company for more than 15 years and one of them has been there since its inception. This shows how well the company treats its staff

Yet LPG is a sunset industry that lacks new blood. Therefore, the company plans to attract immigrants from mainland China and South Asian minorities to join the business.

How we make net zero business as usual

Global multidisciplinary engineering and sustainability consulting business, Cundall, provides industry leadership on best practice in the built environment to Hong Kong property developers, investors and building owners. The company is certified carbon neutral and has pledged to ensure every project and client will also target net zero, through its Zero Carbon Design 2030 (ZCD2030) initiative.

a clear statement of ambition," explains Joe Tang, Director at

"We know we cannot delay transitioning how we design, build and operate our urban communities. Our ZCD2030 commitment shows we accept the urgency."

The target also starts the conversation with clients now. Cundall has demonstrated that both new and existing buildings can be highly-efficient, all-electric and powered by renewable energy. The award-winning Treehouse project in Hong Kong and the net zero-ready CURA office tower being developed by Grosvenor Group in Japan are flagship projects in this regard.

Treehouse is a future-ready winning design at the "Advancing Net Zero" (ANZ) Ideas Competition organised by the Hong Kong Green Building Council (HKGBC) and Swire Properties.

Julian Bott, Managing Director APAC and Joe Tang, Director.

"Zero Carbon Design 2030 is both a line in the sand and Working with the renowned architect, Ronald Lu & Partners, the team developed a net zero carbon climate-adapted, biophilic office tower workplace concept featuring engineered timber to reduce embodied carbon. The building's eco-conscious integrated building services dramatically reduce energy and water requirements, while reconnecting humanity and nature. The building geometry is optimised to maximise solar PV generation and self-shading while allowing for natural ventilation

> Cundall Asia-Pacific also consulted on the world's first net zero Living Building Challenge certified retail centre, Burwood Brickworks, developed by Frasers Property Australia.

The company's multidisciplinary engineers and designers are also experts in supporting existing buildings to reduce their environmental footprint and enhance their efficiency.

There are a growing number of clients including major portfolio owners gaining help from our Building Performance Services team around the world, according to Cundall Asia-Pacific Managing Director, Julian Bott.

"Building Performance Services fuses two specialities Cundall is known for - inventive multidisciplinary engineering design and project management, and sustainability auditing, advisory and strategic planning."

He explains the team has developed a practical pathway that begins with an expert energy audit, then the planning of works to improve performance, reduce energy use and ready the building for all-electric operation powered by renewable energy.

"Owners of existing buildings have an enormous opportunity



Treehouse, a future-ready winning design at the "Advancing Net Zero" (ANZ) Ideas Competition organised by the Hong Kong Green Building Council (HKGBC) and Swire Properties

Pathway for all projects	25% of projects	50% of projects	100% of projects	
(cop)	N.			
		and the owner where the party of the party o		

CUNDALL

Cundall's Zero Carbon Design 2030 initiative that engages everyone in the business – every office, every discipline and every level -to deliver (net)zero carbon solutions on all our projects.

to reduce their operational costs, add value to their assets and build their reputation with investors, tenants and authorities through retrofits," Bott noted.

Clients who have benefited from this holistic suite of skills include RF Corval, whose Workzone East commercial office building in Perth achieved carbon neutral certification.

"We have been seeing more requests from clients who want to reduce the carbon emissions of their portfolios," Tang says. "They are actively seeking practical solutions to help them in achieving their zero-carbon goal. This further strengthens our determination to implement our ZCD2030 initiative. It is what the market needs, and Cundall can help them in reaching this goal."