

CDL SUSTAINABILITY QUARTERLY REPORT

VOLUME 7: Q4 2018



STEPPING UP OUR ACTIONS FOR SUSTAINABILITY STEWARDSHIP

The last quarter of 2018 saw an exciting, back-to-back series of stakeholder engagement events, industry recognitions and media announcements that continued to put CDL in the spotlight as an eco-champion in the building sector.

In recognition of CDL's leadership in Environmental, Social and Governance (ESG) integration, carbon disclosure, and sustainability reporting, we received a total of five regional and global awards between October and December 2018. These awards and accolades are testament to CDL's unwavering commitment to sustainability integration. As at January 2019, we are listed on 13 leading sustainability benchmarks and indices such as:

- Global 100 Most Sustainable Corporations in the World (since 2010 and ranked 25th in 2019)
- CDP (since 2007 and Global A-List for Corporate Climate Action in 2018)
- MSCI ESG Leaders Indexes (since 2009 and 'AAA' rated)
- Bloomberg Gender-Equality Index (GEI) 2018 and 2019
- Dow Jones Sustainability Indices (since 2011)
- FTSE4Good Index Series (since 2002)

To increase our resilience against the potential risks posed by extreme weather events, we completed an extensive Climate Change Scenario Analysis for our corporate headquarters in Singapore and core business operations in key overseas markets including China and United Kingdom.

In terms of carbon performance, we attained 32% reduction in carbon emissions intensity and 27% reduction in energy usage intensity in 2018 (against base-year of 2007). As we work towards our ambitious science-based carbon emissions 2030 target, we will continue to adopt extensive energy retrofitting initiatives and on-site solar production. We will also seek innovative solutions to reduce our carbon emissions, and in 2018, we were one of the first two companies in Singapore to acquire Renewable Energy Certificates (RECs) on a blockchain-powered marketplace launched by SP Group in October 2018.

During the last quarter of 2018, we continued our efforts in sustainability advocacy and capacity building, engaging over 2,300 professionals, youths, governmental and non-profit organisations. Some of the notable events that CDL organised in partnership with government agencies and community partners include the inaugural SDG City Challenge and Youth4Climate Festival. We also held a talk before the Christmas break that looked into the rarely-discussed topic of sustainability in the jewellery industry, as the wrap-up event under the Women4Green Impact Series.

With 2019 being declared as the Year Towards Zero Waste in Singapore, many opportunities for CDL to support this national agenda and promote multi-stakeholder engagement lie ahead. In January 2019, we launched the fourth run of EcoBank jointly with Eco-Business. Since 2016, this annual project collected some 35 tonnes of used goods, diverting them from Singapore's landfill. Through efforts like this, CDL hopes to spread the message on how waste streams can be transformed into value for businesses, the community and the planet.

As we enter a brand new year, we remain steadfast in our fervent pursuit of CDL's targets under the Future Value 2030 blueprint and our commitment to support the Sustainable Singapore Blueprint.

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Mr Paul Simpson, Co-founder and CEO of CDP



Q4 2018 SUSTAINABILITY PERFORMANCE PROGRESS

Legend: Progress Tracking

- Meet interim targets, maintain performance towards meeting 2030 targets
 Fall short of interim target for one year, review current practices
 Fall short of interim target for more than two consecutive years, review and revise targets (if necessary)

Future Value 2030 Goals	2030 Targets (Effective from 2017)	Interim Annual Targets for 2018	To-date Performance (As of Q4 2018)
Goal 1: Building Sustainable Cities and Communities 	Achieve Green Mark certification for 80% of CDL owned and/or managed buildings	≥75%	 75% achieved
	Maintain 100% tenant participation in CDL Green Lease Partnership Programme	Achieve 100%	 100% maintained
	Double our commitment to adopt innovations and technology of green buildings	Average of two innovations or new technology adoptions per year	 1. Adoption of solutions by two sustainability-linked local start-ups, Gush and UglyGood 2. Implementation of the Republic Plaza app
	Double resources devoted to advocacy of sustainability practices, stakeholder engagement and capacity building	≥100 training programmes and events held at the SSA per year	 146 comprising 60 trainings and 86 events
Goal 2: Reducing Environmental Impact 	Achieve science-based target of reducing carbon emissions intensity by 59% from 2007 levels	40% reduction ¹	 32% reduction The lower than expected % reduction was due to the refrigerant systems approaching end-of-life. Systems will be progressively replaced.
	Reduce energy usage intensity by 35% from 2007 levels	29% reduction	 27% reduction
	Reduce water usage intensity by 38% from 2007 levels	32% reduction	 32% reduction
	Reduce total waste intensity by 50% from 2016 levels	0.7% reduction	 2.7% increase There was an improvement in waste reduction with a 5% absolute reduction of waste disposed.

			However, total waste intensity increased due to reduced leased area. An inter-departmental waste minimisation taskforce has been set up to review current practices and targets.
	Ensure 100% of appointed suppliers are certified by recognised Environmental, Health and Safety (EHS) standards	<p>≥30% of suppliers appointed by Asset Management Division;</p> <p>100% of main contractors and ≥30% of consultants appointed by Property Development Division</p> <p>Note: The target applies to vendors used in the reporting year.</p>	<p>○○●</p> <p>70% of suppliers appointed by Asset Management Division;</p> <p>100% of main contractors and 75% of consultants appointed by Property Development Division.</p>
	Reduce embodied carbon of building materials by 24% compared to their conventional equivalents	7% reduction for new projects awarded from 2018 onwards	Data to be reported at end of 2020 ²

Goal 3: Ensuring Fair, Safe and Inclusive Workplace  	Maintain Zero corruption and fraud incident across CDL's core operations	Zero	○○● Zero corruption and fraud incident
	Maintain Zero fatality across CDL's operations and direct suppliers in Singapore	Zero	○○● Zero fatality
	Maintain Zero occupational disease across CDL's operations and direct suppliers in Singapore	Zero	○○● Zero occupational disease
	Maintain Zero Accident Frequency Rate (AFR)³ for our employees within CDL premises	≤ 1.9 ⁴	○○● 1.23 AFR One reportable incident ⁵
	Maintain AFR of 1 or less for direct suppliers at CDL construction sites	≤ 1	○○● 0.38 AFR One reportable incident ⁵
	Maintain AFR of 1 or less for direct suppliers at CDL managed properties	≤ 1.9 ⁴	○○● 1.0 AFR One reportable incident ⁵

Notes:

¹ For Scope 1 direct emissions and Scope 2 indirect emissions from purchased electricity only. CDL's activities are purely real estate. The direct emissions from construction activities by our construction contractors are reported under Scope 3 emissions. CDL has set separate targets to address our Scope 3 emissions for capital goods and investment. For more information, please visit www.sciencebasedtargets.org

² Based on the life-cycle of our property development projects, embodied carbon data for building materials are only available two years after a project has been awarded.

³ Accident Frequency Rate (AFR) refers to the number of workplace accidents per million manhours worked.

⁴ Based on 2017 Real Estate Services Industry Average found in the WSH National Statistics 2017 Report provided by Workplace Safety & Health (WSH) Institute and the Ministry of Manpower (MOM). For more information, please visit www.mom.gov.sg.

⁵ Reportable incident refers to work-related accident, workplace accident, dangerous occurrence and occupational disease that require statutory reporting to the MOM, as mandated by the Singapore WSH Act.

AWARDS AND ACCOLADES FOR ESG LEADERSHIP

CDL achieves 'Prime' status in ISS-oekom rating



The ISS-oekom is a rigorous ESG rating, where a company's management of ESG issues is analysed against indicators based on latest scientific findings, technological developments, regulatory changes and social debate. CDL has been participating in ISS-oekom's biennial rating since 2013 and is proud to have our rating upgraded to 'Prime' status. The 'Prime' status is awarded to companies that meet the minimum requirements in corporate ratings and achieve the best ESG scores among their sector peers. This attests to CDL's progressive efforts in integrating ESG into our corporate strategy and across our operations over the past two years.

Recognition for Outstanding Corporate Governance among ASEAN public listed companies



CDL was recognised as one of the Top 50 ASEAN Public Listed Companies (PLCs), at the second ASEAN Corporate Governance Awards Ceremony, initiated by the ASEAN Capital Markets Forum with the support of the Asian Development Bank (ADB).

Hosted by the Minority Shareholders Watch Group (MSWG), the award ceremony was held on 21 November 2018 in Kuala Lumpur, officiated by the Deputy Minister of Finance Yang Berhormat Dato' Ir. Haji Amiruddin Hamzah. The event brought together regulators, stock exchanges, ADB, corporate governance experts and institutional investors

across the ASEAN region to promote excellence in corporate governance and the visibility of ASEAN PLCs as an asset class within the global investment community.

CDL ranks top in study on Sustainability Reporting in Singapore



The Singapore Exchange (SGX) has made sustainability reporting mandatory on a 'comply or explain' basis for all listed companies in Singapore. A study was conducted by ASEAN CSR Network (ACN) and Centre for Governance, Institutions and Organisations (CGIO) on the comprehensiveness and depth of sustainability disclosures by 678 Singapore Exchange Mainboard and Catalist listed companies, as of 31 May 2018.

As a trailblazer in sustainability reporting, CDL's annual sustainability report has evolved since its first edition in 2008 with increased depth and transparency. We are honoured to be ranked Number 1 in Singapore by CGIO and ACN in their "Top 20 Companies Demonstrating Best Practices in Sustainability Disclosures" report.

For the full report, please click [here](#).

CDL awarded 'Best ESG Communications' at the IR Magazine Awards 2018



CDL bagged the winning award for 'Best ESG Communications' at the annual regional awards organised by IR Magazine, supported by SGX. This is the second consecutive year that CDL is a winner in this category. The award recognised how CDL tackled integrated thinking and reporting on the issues material to its business, and how it has successfully ramped up its communications strategy about ESG performance.

For over 28 years, IR Magazine Awards celebrates the success of individuals and companies that are leading the way in investor relations across South East Asia. The 2018 awards ceremony was held in Singapore at the SGX, and attracted over 130 delegates from across Thailand, Indonesia, Malaysia, Singapore, and the Philippines who came together to discuss key issues relating to corporate governance, shareholder needs and the role of senior management in investor relations.

CDL's Integrated Sustainability Report is rated 'Platinum'



ASIA
SUSTAINABILITY
REPORTING
RATING
(ASR RATING)
2018

The National Center for Sustainability Reporting (NCSR) has rated CDL's 2018 Integrated Sustainability Report as 'Platinum', at the Asia Sustainability Reporting Rating (ASR) 2018. 'Platinum' is the highest of the four ASR ranks accorded.

A total of 56 organisations were rated, hailing from Indonesia, Malaysia, Singapore, Philippines and Bangladesh.

ENGAGING INTERNAL STAKEHOLDERS ON SUSTAINABILITY AND BUSINESS VALUE

Hong Leong and CDL Group Annual Sustainability Forum – Unlocking the Business Value of Sustainability

Supporting SDGs:



Held at the Distrii Republic Plaza on 22 October 2018, the fifth Hong Leong and CDL Group Annual Sustainability Forum sought to enhance knowledge and interest among directors and top management on how companies under the Group can leverage sustainability trends to create business value. Attended by some 80 directors, senior management and sustainability committee members from the Group's 11 companies, the annual forum convened a

high-level panel of experts to explore and discuss 'Unlocking Business Value of Sustainability'.

Group CEO Mr Sherman Kwek set the stage for the forum by rallying all functions across the Group to stand committed in building a sustainable future for all. "As the global call for climate action intensifies, CDL is not resting on our laurels. In fact, we are strategically well-poised to ride on the sustainability wave and step up our actions towards lowering our carbon footprint which will bring about positive environmental and financial impact," said Mr Kwek in his opening address. He added, "Whichever function or industry we are in, we can all make a difference."

Keynote speaker Mr Peter Bakker, President and CEO of the World Business Council for Sustainable Development, shared his global perspective and insights on "Unlocking Business Value from Sustainable Development Goals Integration". Mr Bakker cautioned businesses on the cost of inaction, and shared how factors such as consumer demand, economic opportunities, the war for talent, corporate governance and carbon pricing are forming a strong business case for corporations to embrace the sustainability revolution. He also highlighted the importance of organisational leadership, to prepare companies that already have adopted integrated sustainability strategies for the upcoming era of integrated governance.

The other two speakers were Dr Lawrence Loh, Director of the Centre for Governance, Institutions and Organisations at NUS Business School and Ms Eliza Tan, Vice President of Listing Compliance at the Singapore Exchange Regulation. As a highly regarded guru in governance, Dr Loh shared his insights on how sustainability reporting drives business performance. Ms Tan covered how listed companies have responded thus far to the mandatory disclosure and reporting required by SGX.

The panel discussion that ensued after the speeches was enlightening and engaging. Moderated by CSO Esther An, both the speakers and audience had a lively exchange of views that included how external consultants can help to overcome the initial pain-points of sustainability reporting, and whether listed companies here could tap into ESG-focused investment funds through SGX roadshows overseas. In Mr Kwek's closing remarks, he reiterated that the strategic integration of ESG unlocks many benefits for an organisation and called for a stronger focus on ESG in risk management. The Forum was co-organised by the Group Corporate Secretariat Services and CDL's Sustainability department to help the Group stay abreast of global issues, accelerate ESG strategy and best practices.

INVESTING IN THE COMMUNITY FOR A SUSTAINABLE FUTURE

SDG City Challenge – The First 3P collaboration to champion UN SDGs in Singapore and unite Green Buildings with Good Health

Supporting SDGs:



Flagging off the participants for SDG City Challenge at South Beach are (from left): Local TV artiste and event host Mr Gurmit Singh, CDL Chief Sustainability Officer Ms Esther An, CEO of HPB Mr Zee Yoong Kang, CDL Group CEO Mr Sherman Kwek, CEO of Sport Singapore Mr Lim Teck Yin, CDL Group Chief Strategy Officer Mr Kwek Eik Sheng, CEO of CBM Pte Ltd Mr Roy Chiang, CDL Group Chief Investment Officer Mr Frank Khoo, Chief of ActiveSG, Sport Singapore Mr Lai Chin Kwang and TV artiste and event host, Ms Judee Tan.

CDL organised the inaugural SDG City Challenge (SDGCC) on 20 October 2018, in partnership with the Building and Construction Authority (BCA), Health Promotion Board (HPB) and Sports Singapore (SportSG).

Approximately 1,000 participants attended the event, with friends and family members across diverse ages joining in. They tackled various fitness challenges such as a 34-storey vertical race, an ActiveSG obstacle course and an 800-metre walk-and-jog at South Beach (CDL's joint venture mixed development). An Eco-Treasure Hunt was also held at City Square Mall, CDL's Green Mark Platinum building and the first eco-mall in Singapore. The strong turnout for SDGCC, including infants, toddlers and active agers above 70 years, reflects the passion for active living across all ages.

Mr Sherman Kwek, Group Chief Executive Officer of CDL, said, "As part of our ethos of 'Conserving as we Construct', CDL strives to fulfil our role as a developer of spaces, lives and communities. We believe that a sustainable built environment will provide high quality spaces for people to live, work and play. Through SDGCC, we hope to encourage participants to adopt the SDGs in their daily lives and better understand how healthy lifestyles, green buildings and eco-friendly practices are intricately connected for a sustainable future."

The SDGCC contributes towards SDG 3 (Good Health and Well-Being), SDG 11 (Sustainable Cities and Communities) and SDG 17 (Partnership for The Goals) and is the first of its kind event in Singapore to promote the UN's global goals.

Youth4Climate Festival 2018 – The Year of Climate Action culminates with Songs and Dances

Supporting SDGs:



2018 was dedicated as Singapore's Year of Climate Action. In partnership with National Parks Board (NParks) and National Environment Agency (NEA), CDL presented the inaugural Youth4Climate Festival 2018 to wrap up the year of activities promoting climate action. Held at the Shaw Foundation Symphony Stage of the Singapore Botanic Gardens, a UNESCO World Heritage Site, the Youth4Climate Festival 2018 provided a platform for youths to celebrate climate action through their voices and performances over two evenings.

Guest of Honour, Dr Amy Khor, Senior Minister of State, Ministry of Health and Ministry of the Environment and Water Resources, opened the event with a speech to encourage the audience of about 300, to take actions against climate change and shared the efforts taken by the Singapore government. Following her speech, the programme officially commenced, and the audience was treated to a dazzling display of artistic performances by the young talents. The enthralling line-up of performance included local singer-songwriters, Inch Chua and Natalie Hiong; cultural dance by Dikir Barat; 11-year-old Jessie Meng, who is the Grand Prize Winner of the fourth Steinway Youth Piano Competition 2018; and dance troupes from Jody Marshall Dance Company.

This light-hearted music extravaganza was enjoyed by families, couples and pets on picnic mats, across the sprawling field. In addition to the performances, the event-goers had the opportunity to learn about the effects of global warming and coral bleaching from Sam Shu Qin, founder of Our Singapore Reefs and one of the two winners of CDL's E-Generation 2018. Straw Free Singapore's impactful message boards and fun quizzes aided the public in understanding the harmful effects of plastic and encouraged them to go straw-free. Its founder, Ang Zng Yee, was also the lively emcee for the Youth4Climate Festival 2018.

While the event experienced showers on the evening of the second day, it did not dampen the audience's spirits as many stayed behind to continue watching the performances. This draws parallel to the optimism and determination that we all must have when facing setbacks in the fight against climate change.

Women4Green event – Raising Consumer Awareness on Sustainability Issues in the Jewellery Industry

Supporting SDGs:



With the aim of providing a platform for female executives across various industries to drive change for climate action, sustainable lifestyles and women empowerment, CDL launched the Women4Green initiative in June 2017.

As part of community engagement, CDL held the fifth Women4Green Impact Series on 7 December 2018. The event examined the issue of whether the production of fine jewellery was sustainable, a rarely-discussed issue in this high-profile, multi-billion dollar industry. It attracted a turnout of around 50 female entrepreneurs, corporate leaders, business professionals, green enthusiasts and even a couple of gentlemen. Two highly-experienced invited speakers shared their expert knowledge of the mine-to-market supply chain:

- **Michael and Achillea Koh**, founders of Caratell Diamonds: Shared insights about sustainable business practices that can minimise impact on the environment as well as safeguard workers' health and safety in the gemstone mining process;
- **Tanja Sadow**, Dean of Jewellery Design and Management International School: Discussed the environmental impact of different types of raw materials (such as ivory, corals, gold) used in the jewellery business, and how consumers can influence social change and responsible business practices through the choices they make.

Besides benefitting from the thought-provoking talks, attendees also learnt about Fugeelah School, a refuge for women and young children funded by the United Nations High Commissioner for Refugees. Through Fugeelah, this marginalised community learns craftsmanship, design and creation of accessories from artisans in Malaysia. At this Women4Green event held at the SSA, these handmade collections were showcased by **JustGaya's**, an eco-conscious enterprise that gives back to society.

Get more information about the Women4Green network [here](#).

Supporting the National Movement for Green Homes and Sustainable Living at the annual Clean and Green Singapore Carnival

Supporting SDGs:



As part of the NEA's ongoing efforts to engage the community and members of the public to care for and protect public spaces and the environment, the annual Clean and Green Singapore Carnival was held at Wisma Geylang Serai on 3 and 4 November 2018.

A corporate supporter since 2005, CDL contributed towards this year's carnival with a 'Be Eco at Home' exhibit. CDL also showcased our waste minimisation efforts in building development and stakeholder engagement in the 'Zero Waste' exhibit. Guest-of-Honour Prime Minister Lee Hsien Loong visited the Zero Waste exhibit as part of the official carnival tour.



Leveraging our expertise on green building and sustainable living, the 'Be Eco at Home' exhibit engaged visitors through interactive features to encourage eco-tips. Highlights of the exhibit included photo-worthy spots to encourage action towards electricity and water conservation and waste minimisation at home.

The carnival attendees were also treated to an eco-fair, eco workshops at the Makers Corner and various other family-friendly activities over the weekend. More information on the Clean and Green Singapore can be found [here](#).

Arc Christmas Celebration at Le Grove Serviced Residences



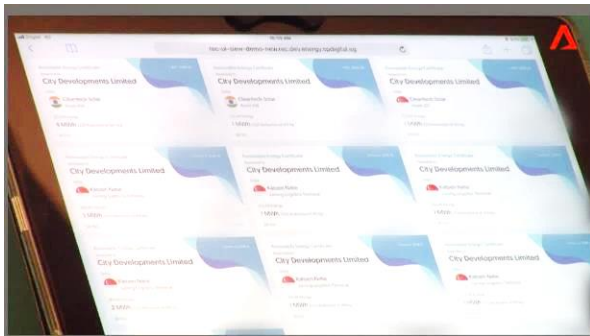
Staff volunteers from CDL's City Sunshine Club (CSC) organised an annual Christmas celebration for a group of 42 children from Arc Children's Centre on 6 December. The ACC is a day-care centre for children with life-threatening illnesses. Led by Group General Manager Mr Chia Ngiang Hong and Group Chief Strategy Officer Mr Kwek Eik Sheng, our staff entertained the children with a fun-filled programme of feasting, carolling, games and Christmas gifts, held at CDL's Le Grove Serviced

Residences, CDL's serviced apartments along Orange Grove Road.

EMBRACING RENEWABLE ENERGY AND TECHNOLOGY

CDL amongst the first two buyers of SP's REC Blockchain-powered Market Platform

Supporting SDGs:



Singapore's SP Group launched one of the world's first blockchain-powered Renewable Energy Certificate (REC) market platforms on 29 October 2018, increasing local and international organisations' access to renewable energy.

CDL is supportive of this initiative and was one of the first two buyers of REC on this platform. Blockchain-powered trading of REC help buyers like CDL meet ongoing efforts to reduce carbon

emissions conveniently, seamlessly and securely. Our REC acquisition is part of CDL's strategy and extensive efforts to reduce carbon footprint and achieve ambitious carbon intensity reduction targets set for 2030 (59% vs 2007 base year on Science Based Targets Initiative).

NURTURING YOUNG SDG CHAMPIONS

Unveiling of CDL-GCNS Young SDG Leaders Award Winners

Supporting SDGs:



The three winning teams received their awards during the Global Compact Network Singapore (GCNS) Summit 2018 from the Guest-of-Honour, Singapore Deputy Prime Minister and Coordinating Minister for National Security Mr Teo Chee Hean (7th from the right), CSO of CDL Ms Esther An (2nd row, first from the left), Group CEO of CDL Mr Sherman Kwek (2nd row, 2nd from the left), President of the Global Compact Network Singapore and Chairperson of Shell Companies in Singapore, Ms Goh Swee Chen (6th from the right) as well as CEO and Executive Director of the United Nations Global Compact, Ms Lise Kingo (5th from the right).

Launched in 2011, the CDL-GCNS Young SDG Leaders Award is an annual case competition that offers youths a platform to champion sustainable development. Formerly known as the CDL-GCNS Young CSR Leaders Award, the 2018 Award aligns with the Sustainable Development Goals (SDGs) by focusing on SDG integration into business for positive change. The objective is to educate and empower young leaders with SDG knowledge and skills, while inspiring companies in Singapore to take action on the SDGs.

About 80 team entries were received from universities, polytechnics, junior colleges and high schools in this year's competition. At the preliminary judging phase, the teams submitted their proposal based on CDL as the case study. After an intense round of evaluation, 10 finalist teams were shortlisted to work on proposals for companies assigned to them, which were: Bolloré Logistics, Golden Agri-Resources, Kimberly Clarke, Musim Mas Group, NIPSEA Group (Nippon Paint), OCBC Bank, Prudential Assurance, SAP, StarHub and Unilever Asia Private Limited. The finalist teams competed to come up with impactful and feasible ideas for their assigned companies to unlock shared value of the SDGs.

The three winning teams were unveiled at the GCNS Summit held on 19 November 2018:

Winning Teams	Students from
Champion: Team Matter Better	University of Hong Kong Nanyang Technological University Singapore Management University Singapore University of Technology and Design
1 st Runner up (Tie): Team Metanoia	Nanyang Polytechnic
1 st Runner up (Tie): Team Flora and Fauna	National University of Singapore

BUILDING COLLABORATIONS AND CAPACITY FOR SUSTAINABLE DEVELOPMENT

The Singapore Sustainability Academy (SSA): A Vibrant Hub for Advocacy, Partnerships and Capacity Building

Supporting SDGs:



On 5 June 2017, the SSA opened its doors for the first time. Within its first 18 months, the SSA has hosted 214 events and training programmes and welcomed 8,800 visitors, and established partnerships with like-minded individuals and organisations from Singapore and beyond to advance action and awareness of sustainability and climate action.

In 2018, the SSA continued to serve as a major platform for businesses, the community and youth to gather in pursuit of a more sustainable Singapore and planet. Key events and programmes held at the SSA in Q4 2018 are outlined below. More information about SSA's activities can be found [here](#).

1. Civil Service College - Social Sector Milestone Programme, 8 October



The Social Sector Milestone Programme is a 12-day programme by the Civil Service College, for officers holding middle management positions under the Public Service Leadership Programme (PSLP) Sectoral Phase, PSLP (Education Service), and officers from various social sector agencies. SSA hosted about 20 participants in this programme on 8 October 2018.

The participants explored how citizens can create value beyond being mere consumers of goods and services. They identified ways to engage citizens in the design and delivery of government programmes and policies, as well as deepened their understanding on how the government can provide stronger support towards ground-up initiatives.

CSO Esther An, was invited to share about the creation of the SSA, a zero-energy sustainability academy that exemplifies successful 3P partnership. Since its opening in June 2017, the SSA has hosted a myriad of sustainability-themed events from zero waste, marine conservation, climate action workshops and thought leadership events. Esther also shared about CDL's 3P partnership initiatives like #BeatPlasticPollution campaign, EcoBank and Feeding the 5000.

2. Sustainability Camp by Tingkat Heroes, 13 October



Tingkat Heroes is a local NGO focusing on zero waste, founded by a passionate youth, Ms Pamela Low. Its first sustainability camp for youths, was held at the SSA on 13 October 2018. Attended by 47 participants, the workshop dived into a variety of topics including fashion, diet, plastics and e-waste. There was also an interactive dialogue between the youths and CSO Esther An. Esther shared about CDL's sustainable practices, SSA's role as a

collaborative space to advance the sustainability agenda and how youths can become active contributors to the green cause.

In line with the event theme, the campers enjoyed a wholesome vegan lunch made from "ugly vegetables" collected by SG Food Rescue. To sum up their learning, the participants gathered around in World Café style to share their reflections and urged one another to press on even after this event, in their pursuit of sustainability.

3. Colours of Singapore by Fashion Pulpit, 14 October

As part of the Singapore Eco Film Festival programme, about 20 audience heard from Raye Padit, founder of the Fashion Pulpit, regarding the journey of discarded clothing and the detrimental environmental impact caused by unethical businesses in the fashion industry. Participants also had the chance to create an art installation by weaving T-shirt yarns together, taught by Ms Agy, a textile artist. The art piece was crafted in the style of Peranakan tiles, and depicted the flora of Singapore.



The mission behind this handmade artwork was to break the Singapore Book of Records for Singapore's Largest Knotted Artwork made of upcycled T-shirts. Overall, the event organised by Colours of Singapore was a fun and educational way to deepen one's awareness of sustainable fashion.

4. Animal Concerns Research and Education Society (ACRES) Forum "Let's Chat About Protecting Our Environment", 1 November



The issue of plastic bag usage has been gaining attention in the media. One of the more notable call-for-action was the motion to impose a charge for plastic carriers by Member of Parliament, Louis Ng in October 2018. Louis Ng is also the co-founder of Animal Concerns Research and Education Society (ACRES). To gather more feedback and encourage dialogue about the over-consumption of plastic bags in Singapore,

ACRES held a public forum at the SSA. Issues that were discussed during the session included various environmental concerns in Singapore as well as policies that could be improved to protect the environment. About 30 members of the public attended the event, contributing to the lively discussion that evening.

5. ASEAN+Social Good Forum by Impact Hub, 12 November



The ASEAN+Social Good Forum is an event organised by Impact Hub KL at the SSA to inspire conversations and showcase innovations that promote achievement of the UN SDGs. Four top teams from the 2018 ASEAN Impact Challenge pitched their ventures to the audience comprising over 50 investors and members of the public, as well as the panel of judges consisting of Mr Chris Yeo,

Regional Head of Grab Ventures, Ms Leza Parker, CEO of SC Beauty Network and Mr Eugene Ho, Head of Corporate Affairs of SAP.

In addition, the judges and Dr Shariha, co-founder and board member of Impact Hub KL, shared their knowledge and experiences over two panel discussions on how to build businesses aligned with the UN SDGs and create an impact for social good.

6. Urban Sustainability Course by Skillseed Singapore, 13 November



Skillseed Singapore facilitated 22 students from Dalton Academy in Beijing for an experiential learning journey in Singapore about urban sustainability. City Square Mall, Singapore's first eco-mall and the SSA, as a zero-energy structure, became natural choices for the learning programme. The students tried their hands on making eco-bricks, which are building blocks made from plastic bottles filled with compacted clean, dry and used plastic waste. Following that, they explored the surrounding

areas of City Square Mall to appreciate the native flora and gained an understanding of the waste management process in the facility. In his feedback about the SSA, Mr Melvin Yeo from Skillseed said: “Great venue where the attention to detail shines through. A cleaning lady (who works at City Square Mall) shared with us her experience about how forward-looking this mall’s sustainable practices are, compared to other malls in Singapore.”

7. UNGC Regional Meeting and Learning Journey, 20 November



Over 30 overseas delegates including ambassadors from the region, guests from United Nations (UN) Local Networks, and business leaders from around the region came together at the SSA to discuss the latest in sustainability trends across Asia and Oceania and gain insights into what sustainability initiatives are implemented in different countries.

Ms Lise Kingo, CEO and Executive Director of the UN Global Compact also graced the event to meet the delegates and tour the SSA. About 30 participants of

UNGC’s Learning Journey Tour also joined the lunch networking session. All attendees were given a short presentation on the SSA by CSO Esther An.

8. Kick-off for CDL’s E-Generation Challenge 2019 in Conjunction with Talk on “Sweden, Singapore and the Arctic” by MFA, Sweden, 21 November



Organised by the Swedish Embassy of Singapore, over 80 attendees came to hear from His Excellency Mr Bjorn Lyrvall, Swedish Ambassador for Arctic Affairs, Ministry for Foreign Affairs Sweden on his experience as a diplomat and participant in the Arctic Council, which is made

up of eight member countries, namely: Canada, Denmark, Finland, Iceland, Norway, Russia, Sweden, and the United States.

As an expert in the Polar region, Ms Katarina Gardfelt, Director General (Swedish Polar Research Secretariat) shared her knowledge about the changes of climate change in the Arctic region as well as several scientific expeditions that the research centre is embarking on.

CDL and its partner, the Global Green Economic Forum (GGEF), also announced the launch of CDL E-Generation Challenge 2019 that same evening. The two winners of the 2019 Challenge will embark on a trip to the Arctic, together with Sir Robert Swan’s expedition in June 2019. The competition was launched in January 2019. The call for video or essay entries on “Why Climate Change In The Arctic Matters To Singapore & Asia” is open to eco-champions and young advocates of age 18 to 35 until 15 March 2019.

CDL E-Generation Challenge

2017: ANTARTICA
2018: RAJA AMPAT, INDONESIA
2019: ARCTIC

- 2 youth winners, age 18 -35 years old, ASEAN region
- Submissions open on Jan 2019
- Expedition: Arctic ClimateForce 2041 on June 2019
 - Expedition leaders Robert Swan, a renowned environmentalist and explorer who was the first man to walk to both North and South Poles

CALLING FOR PARTNERS!

CITY DEVELOPMENTS LIMITED | GGEF | OCBC Bank

Photo credit: WWF

9. Diving into Citizen Science: Marine Chit-Chats by Our Singapore Reefs, 21 November

Our Singapore Reefs organised its first marine chit-chat session to provide a platform for like-minded Singaporeans to exchange ideas and encourage marine stewardship among youths in Singapore.



The talk led jointly by Mr Nathaniel Soon, founder of documentary collective “Our Seas, Our Legacy” and local marine researchers, Ms Joy Sim and Ms Sam Shu Qin attracted 105 attendees, with a number of them from the diving community. The event ended with a Q&A session and networking which promoted collaboration for the conservation of Singapore’s marine environment and biodiversity.

10. Experience Sharing: Singapore’s Sustainability Journey by ASEAN CSR Network, 22 November



At this half-day event organised by ASEAN CSR Network (ACN), a group of 20 participants from Thailand’s business sector had the opportunity to learn about Singapore’s sustainability practices. The speakers were Ms Sarah Kerrigan, Manager (Sustainability Services) of Deloitte Singapore and Mr Chia Boon Chong, Director (Group Sustainability) of SingTel.

As a regional organisation, ACN provides a platform for networking and cooperation at the ASEAN level, supports capacity-building and training activities, helps to rally collective action on key issues, and provides a link with regional and international bodies interested in supporting the advancement of CSR in the region.

11. Character Building Workshop for Children by CDL’s City Sunshine Club, 27 November



CDL’s staff volunteering group, City Sunshine Club (CSC), held a character building outing at the SSA for 20 children from the Limbang community. This initiative which started in 2017 strives to educate primary school children aged 7 to 12 on understanding, appreciating and applying positive values through fun and interactive learning. Some of the core values taught to the children included

truthfulness, responsibility and orderliness. Overall, the children had a fun day, bringing smiles to the CSC volunteers as well.

12. Nature Society Talk on 'The Current State of the Global Environment', 27 November



This talk organised by the Nature Society attracted a strong turnout of 100 attendees. The event highlight was the presentation by Dr Jim Frazier, rated by the BBC as one of the world's top wildlife cinematographers. He has won over 40 national and international awards for his work including an Academy Award and an Emmy Award. Dr Frazier is well known for his nature documentaries with Sir David Attenborough, setting the standard for wildlife television with award-winning series like "Life on Earth" and "The Living Planet".

At the talk, Dr Frazier shared about his film project titled, "Symphony of the Earth", a wildlife feature film aimed at making a statement about the condition of our planet and its inhabitants. Dr Frazier also imparted his global perspective of the impact that humans have inflicted on Planet Earth, such as the extinction of some animal species. He also covered issues such as climate change, deforestation, ocean pollution and their devastating effects on birds and other animal populations worldwide.

13. Programme for Endorsement of Forest Certification - IT Solutions for Sustainable Forest Management in South East Asia, 29 November



Over 70 professionals participated in an interactive session aimed at bringing together forestry stakeholders, leading technology providers, innovators and sustainability experts to exchange views on what is needed, what is working and where are the opportunities for scaling up innovative applications of technology for forest management.

The sessions engaged participants in the ideation for a collaborative approach to address real situations in Myanmar and Laos pertaining to Sustainable Forest Management. The solutions from the ideation process is expected to be shaped into a partnership project to be implemented in the respective regions. Subject matter experts who presented include Trimble Forestry and Double Helix Tracking Technologies, which certified the wood used in the construction of the SSA.

14. AVPN Year-End Recap and Fireside Chat, 29 November



On 29 November, Asian Venture Philanthropy Network (AVPN) organised a year-end gathering for its members at the SSA to recap the association's engagements in 2018 to catalyse social investments in Asia and chart their next steps ahead. Attendees were representatives of funders and resource providers who are committed to sustainable investing and maximising impact in the Asian region.

After a welcome speech by Ms Naina Subberwal Batra, CEO of AVPN, CSO Esther An joined her in a fireside chat to share insights on sustainable investing to the

audience of 60 participants. Said Ms Naina about the event: “We are proud to be partnering CDL to host our delegates at the SSA. The SSA reflects our core efforts to support our members with effective social investments, and I look forward to collaborating further with the SSA to drive a movement towards greater awareness of the sustainability issues surrounding Singapore, Asia, and across the world.”

15. Workshop on the Singapore Blue Plan by LepakInSG, 2 December



The Singapore Blue Plan was drawn up in October 2018 to preserve Singapore's marine habitat. It was an extensive effort by more than 100 contributors, including biologists, environmental lawyers and NGOs. About a month after its launch, over 50 people gathered on a Sunday afternoon in this workshop at SSA to examine ways to act on the Blue Plan's recommendations.

Dr Zeehan Jaafar, Lead Editor of Singapore Blue Plan 2018, led the discussion in groups. Together, they bounced off ideas on how to bridge the gaps in science communication at schools and how to generate more interest among youths about marine life in Singapore.

16. BCA Built Environment Young Leaders Retreat, 6 December



Over 90 young leaders of the built industry attended the BCA Built Environment Young Leaders Retreat on 6 Dec 2018. The event was graced by Mr Zaqy Mohamad, Minister of State of Ministry of National Development and Mr Hugh Lim, CEO of BCA. They shared their knowledge and insights on the future of the built environment over an engaging dialogue session. The young leaders also shared their views on ways that innovation and data can be harnessed in the built environment.

17. YSI SEA Documentary Launch, 13 December



Young Sustainable Impact (YSI) SEA is youth-led community in Southeast Asia that aims to shape youths into social innovators, and helps them to form regional alliances and solutions aligned to the SDGs. A sharing session was held by the YSI SEA at SSA about their Singapore Innovation Programme (SIP).

The audience of 40 were also treated to a screening of the documentary named “A SEA of Change”, directed and filmed by Mr Ong Kah Jing. Mr Ong is a recipient of the 2017 National Youth Film Awards and was nominated as the ASEAN Filmmaker of the Year at the 10th International Kuala Lumpur Eco Film Festival. The session wrapped up with an update and call for applications for SIP 2019 by YSI SEA’s co-founder, Mr Irsyad Ramthan.

18. Wish Wash - Designing for Behaviour Change Workshop, 15 December



WISE is an organisation that enables communities in Indonesia, Cambodia and Singapore to improve their water, sanitation and hygiene practices through community development, capacity building and behaviour change.

Their December workshop, supported by National Youth Council, received active participation from attendees in the private and non-profit sector. The full-day course equipped

these 30 attendees with the skills and knowledge for designing interventions and promoting positive behavioural changes in people.

19. SEC Eco-Office Share and Learn Session, 21 December



Supported by CDL, Project Eco-Office is a programme by Singapore Environment Council (SEC) that aims to encourage office employees to adopt low-carbon practices - the ‘heartware’ that complements the ‘hardware’ of green infrastructure and office buildings.

This inaugural Eco-Office Share & Learn Session held at SSA brought together 30 participants from the people, private and public

sectors. Besides having an enriching talk by SEC, participants had the opportunity to exchange success stories, thoughts and ideas on overcoming challenges faced when greening their workplaces.

ADVOCATING THOUGHT-LEADERSHIP, ADVANCING SUSTAINABILITY AGENDA

Promoting Strategic Thought-leadership and Best Practices in Sustainability

Supporting SDGs:





As an early adopter of sustainability and pioneer in green building and green bonds in Singapore, CSO Esther An was invited to share CDL's integrated strategy at various high-level conferences and summits in Q4 2018.

Here is a quick review of some of the sustainability-focused speaking engagements that took place in the past quarter:

2 October | Asia Sustainability Reporting Summit

Organised by CSRWorks, this summit congregated the reporting community consisting of regional leaders, practitioners and bodies of sustainability reporting to discuss new trends, techniques, common challenges, solutions and success stories. CDL was invited to the panel titled 'Beyond Transparency: Aligning sustainability reporting with business strategy' and a more intimate session at a masterclass workshop in Integrated Reporting with Mr Jonathan Labrey, Chief Strategy Officer, International Integrated Reporting Council (IIRC).

8 October | Social Sector Milestone Programme

The Social Sector Milestone Programme is a 12-day programme by the Civil Service College, for high potential officers in public service and social sector agencies. About 20 participants heard from CDL on the topic 'Citizens as Value Creators: Dialogues on the Ground'. CDL shared about our multiple 3P initiatives and the creation of the SSA, which has hosted a myriad of sustainability-themed events from zero waste, marine conservation, climate action workshops and thought leadership events since its opening in June 2017.

10 – 11 October | Responsible Business Forum 2018

This year's Responsible Business Forum (RBF) was entitled 'Shaping the World in 2030' and the SDGs were the centre of discussion. During the panel session on Climate Action, CDL highlighted the urgency of climate change and shared about how companies can take action and contribute to the SDGs. At the RBF Young Leaders Dialogue session, three past winners of the CDL Young CSR Leaders Awards were invited to present to an international audience about their visions of a sustainable world and their insights on how youths can contribute to the SDGs. The session was moderated by CDL's CSO, Esther An.

11 October | CPA Australia Congress

At this event that was attended by more than 300 people comprising C-suites and accounting professionals, CDL participated on the panel session, titled 'Business Insights: Get socially-conscious stakeholders on your side'.

23 October | IFC Green Bonds Executive Education Course workshop

With our experience and accolade as the first Singapore listed property company to issue a green bond, CDL was invited to the International Finance Corporation (IFC) Green Bonds Executive Education Course workshop to share about our green bond issuance process.

24 October | ASEAN Summit

CDL shared our insights on our green bond issuance, green financing and green buildings at the ASEAN Summit: The Future for ASEAN Economy – Greening for Sustainable Growth. This high-profile event was attended by ASEAN ambassadors, over 250 C-Suite executives, SME business leaders and industry practitioners from a wide variety of industries.

25 October | BNP Paribas Sustainable Finance Forum

At the IFC and BNP Paribas Green Bonds Media Briefing, CDL provided the views of a corporate green bond issuer and how green buildings can translate to financial savings. The media briefing was part of the BNP Paribas Sustainable Finance Forum that focused on the progress of green financing in Asia Pacific.

1 November | Singapore International Energy Week (SIEW) 2018

CDL participated in the ACE Roundtable ‘Mobilising Green Financing in ASEAN Sustainable Energy Market’ at SIEW 2018 and shared how we used green financing to push for green buildings. The roundtable was organised by ASEAN-German Energy Programme (AGEP), ASEAN Centre for Energy (ACE) and Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH.

7 November | CSRWorks Integrated Reporting Workshop

CSRWorks held a workshop to equip existing or soon-to-be practitioners of sustainability reporting, with the knowledge of integrated reporting. As an early adopter of integrated reporting, CDL was invited to share about our experience and journey into sustainability and integrated reporting.

19 November | GCNS Summit

The GCNS Summit is a platform of advocacy, capacity building and networking and brings together eminent knowledge experts, government officials, business leaders, civil society organisations and the youth, to enable a truly inclusive and holistic approach to practising sustainability. In a novel debate, titled ‘The Big Debate: Sustainability Reporting - Just another report of zero value to business’, CDL demonstrated our staunch belief in sustainability reporting and its value created for business by arguing against the motion.

19 November | NUS EMBA programme

With sustainability becoming mainstream, the NUS Executive MBA programme invited CDL to share about our sustainability best practices and corporate governance. The participants consisted of about 50 corporate leaders from 14 countries including Singapore, India, China, Indonesia and Japan as well as those from United States, Switzerland and Italy.

22 November | Sustainability Reporting Initiative

The Sustainability Reporting Initiative announced the 2018 results of the study on Sustainability Reporting in ASEAN and Singapore. As the top-ranking company in the study, CDL was pleased to contribute our views on the state of sustainability reporting in Singapore and the region and how sustainability reporting has generated value for CDL.

6 December | NTU Green Climate Financing Programme

Through the Ministry of Foreign Affairs (MFA) and Nanyang Technological University (NTU), about 20 overseas government officers visited Singapore to learn more about Singapore’s and the region’s efforts in the areas of climate change and green financing. CDL shared about the global and local trends in climate action, our sustainability journey and efforts to push our boundaries.

Sustainability Insights from Global Experts



As part of CDL's continued thought-leadership and advocacy efforts, we have been featuring sustainability insights from experts on our dedicated [sustainability microsite](#).

In this issue, Mr Paul Simpson, co-founder and CEO of CDP, gave an overview of how leading disclosure initiatives like CDP and Task Force on Climate-related Financial Disclosures (TCFD) have seen an encouraging uptake amongst corporates and nations. Other prominent initiatives such as the SBTi and RE100 have also experienced similar positive trends. With the Intergovernmental Panel on Climate Change (IPCC) report sending a sobering call to the world, the author believes that "Business as usual is no longer an option, but a prosperous and sustainable low carbon future is achievable, if we choose to rise to the challenge. We must, we can and I believe we will."

Mr Paul Simpson has been at the forefront of CDP's expansion since its inception in 2000 and has led CDP from a climate specific focus into other environmental areas. He previously worked with Chesham Amalgamations & Investments Ltd, the International Society for Ecology & Culture and is a former director of the Social Venture Network. He also sits on the advisory panel of Guardian Sustainable Business and the Global Stranded Assets Advisory Council for the Smith School of Enterprise and the Environment at Oxford University.

The full article can be viewed [here](#), originally published on [Ethical Corporation](#). Reproduced with permission from Ethical Corporation and CDP.

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