



This quarter, the planet burned. Countries across the world reported heat waves with record-breaking temperatures. China, the US, the UK, France, Spain, Portugal and more experienced wildfires, evacuations, energy crises, and thousands of heat-related deaths. On 28 July 2022, according to the Global Footprint Network and World Wildlife Foundation, Earth hit its “Overshoot Day” – the tipping point where humans have used up all that the ecosystems can regenerate in a year. This is the earliest in 50 years. The climate emergency is worsening, and the world is living on credit. This calls for urgent and collective action from cities all over the world.

In July 2022, as testament to our long-standing sustainability reporting rigour, CDL emerged as the top Singapore company for climate-related reporting practices in the Climate Reporting in ASEAN – State of Corporate Practices report published by GRI and the NUS Centre for Governance and Sustainability. CDL was recognised for our reporting, managing climate risks and opportunities, alignment with global sustainability frameworks including TCFD, IPCC and other climate-risk approaches.

CDL also continues our unwavering commitment to sustainable development by maintaining our good ratings on various global ESG risk ratings and rankings. We maintained our triple ‘AAA’ rating on MSCI since 2010, and maintained our risk ratings in Sustainalytics’ ESG Regional (Top Rated) and ESG Industry (Top Rated).

As the climate emergency rises in intensity and urgency, CDL continues to advocate for and accelerate climate action amongst our stakeholders. At the 8th World Cities Summit 2022 in August 2022, CDL sponsored the City Innovators Stage, with two panels showcasing partners of CDL with solutions to future-proof the built environment, as well as young start-ups with future-forward solutions to contribute to a sustainable future. In support of Climate Action Week by the Ministry of Sustainability and Environment in September 2022, CDL’s Youth4Climate Festival made an in-person return to inspire and rally youths to take climate action. Global climate hero Sir Robert Swan, the first person in history to walk to both the North and South Poles, graced the event to speak in-person.

PERFORMANCE

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SINGAPORE SUSTAINABILITY ACADEMY

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The race to zero requires conviction and engagement from all stakeholders, from governments, businesses, investors, NPOs and more. As the world reunites at the upcoming UN COP27 in the last quarter of the year, CDL will strive harder than ever to accelerate collaboration, capture growth opportunities while mitigating ESG risks, and enhance long-term value for the eco-system in which we operate.

Esther An

Editor

CDL Chief Sustainability Officer

QUARTERLY UPDATE OF SUSTAINABILITY TARGETS & PROGRESS

PERFORMANCE

CDL FUTURE VALUE 2030 GOALS, TARGETS AND PROGRESS

Progress Tracking




















Meeting interim targets, maintain performance towards meeting 2030 targets

Falling short of interim target for one year, review current practices

Falling short of interim target for more than two years, review and revise targets (if necessary)

FUTURE VALUE 2030 GOALS	2030 TARGETS ¹	INTERIM 2022 ANNUAL TARGETS ¹	FY2022 Q3 PERFORMANCE
Goal 1: Building Sustainable Cities and Communities 	Achieve Green Mark certification for 100% of CDL owned and/or managed buildings ²	≥ 85%	85% achieved
	Maintain 100% retail and office tenant participation in CDL Green Lease Partnership Programme	Achieve 100%	100% maintained
	Maintain high level of commitment to adopt innovations and technology of green buildings	Average of two innovation and technology applications per year	Data will be reported at the end of the year
	Maintain a high level of sustainability engagements and advocacy activities	Average of ≥ 36 engagements and advocacy initiatives and activities per quarter	Average of 60 engagement and advocacy initiatives and activities per quarter
Goal 2: Reducing Environmental Impact	Achieve science-based target of reducing carbon emissions intensity by 63% from 2016 levels ³	19% reduction	25% reduction

   	Asset Management (AM) - Office & Industrial⁴:		
	Reduce energy use intensity by 55.7% from 2016 levels	Energy use intensity: 9% reduction	 Energy use intensity: 17% reduction
	Reduce water use intensity by 9.5% from 2016 levels ⁴	Water use intensity: 1% reduction	 Water use intensity: 3% reduction
	Reduce waste intensity by 8% from 2016 levels ^{4,5}	Waste intensity: Limit increase to less than 20%	 Waste intensity: 14% reduction
	Asset Management (AM)-Retail⁴:		
	Reduce energy use intensity by 55.7% from 2016 levels	Energy use intensity: 10% reduction	 Energy use intensity: 24% reduction
	Reduce water use intensity by 10.8% from 2016 levels	Water use intensity: 9% reduction	 Water use intensity: 47% reduction
	Reduce waste intensity by 5% from 2016 levels ⁵	Waste intensity: Limit increase to less than 10%	 Waste intensity: 1% reduction ⁶
	Corporate Office:		
	Reduce energy use intensity by 63% from 2016 levels	Energy use intensity: 9% reduction	 Energy use intensity: 14% reduction
	Property Development (PD)⁷:		
	Achieve an energy use intensity of 95 kWh/m²	Energy use intensity: ≤105 kWh/m²	 Energy use intensity: 63 kWh/m²
	Achieve a water use intensity of 1.54 m³/m²	Water use intensity: ≤1.72 m³/m²	 Water use intensity: 0.98 m³/m²
	Achieve a waste intensity of 40 kg/m² ⁵	Waste intensity: ≤50 kg/m²	 Waste intensity: 66 kg/m² ⁸
	Ensure 100% of appointed Suppliers ⁹ are certified by recognised EHS standards	100% of vendors appointed by AM; 100% of main contractors and ≥90% of key consultants appointed by PD	 100% of AM appointed vendors; 100% of main contractors and key consultants appointed by PD
	Reduce embodied carbon of building materials by 41% compared to their conventional equivalents	7% reduction for new projects awarded from 2018 onwards	Performance is on track to meet target. Data will be reported at end of 2022 ¹⁰ when projects obtain TOP.

Goal 3: Ensuring Fair, Safe and Inclusive Workplace  	Maintain zero corruption and fraud incidents 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 a Major Injury Rate (Major IR)¹¹ of 10.0 across CDL's operations and direct suppliers in Singapore	≤ 16	○ ● ○ 29.4 Major IR¹²
	Maintain a Minor Injury Rate (Minor IR)¹¹ of 460.0 across CDL's operations and direct suppliers in Singapore	≤ 633.7	○ ○ ● 293.8 Minor IR

Notes:

¹The 2030 targets and interim 2022 annual targets were reviewed in Q2 2022 and reflected in the table above.

²Calculated based on % of total gross floor area (aligned with BCA's calculation of green buildings).

³Intensity figures were calculated based on per unit net lettable floor area.

⁴Water use and waste intensities include water use and waste disposed of by CDL Corporate Office.

⁵Waste intensity figures are for non-recyclable waste.

⁶Waste intensity performance for retail assets does not factor in footfall during the COVID-19 pandemic due to exceptional fluctuations in footfall in the retail sector. There was increased waste as the result of full tenancy rate in Quayside Isle and influx of larger food retailers in City Square Mall alongside start of endemic phase of COVID-19.

⁷For projects that obtained TOP status for the reporting year.

⁸For Whistler Grand (project that obtained TOP in the reporting year) waste intensity was higher due to presence and dismantling of larger onsite construction temporary quarters (CTQ), dismantling, and shifting of site office, as well as additional hacking works being carried out.

⁹These refer to vendors engaged for proprietary equipment service and maintenance, facility management, security and cleaning service appointed by AM, and main contractors and key consultants (architects, civil and structural engineers, mechanical and electrical engineers) appointed by PD.

¹⁰Based on the lifecycle of CDL's project developments, embodied carbon data for building materials is only available three or four years after a project has been awarded. Data reporting has been restated from end 2021 to end 2022 due to a delay in construction activities caused by COVID-19.

¹¹Major and Minor IR refer to the number of major and minor workplace injuries per 100,000 persons employed, respectively. For the definition of Major and Minor IR, please refer to the [Ministry of Manpower's website](#).

¹²There was one reported Major injury (as per MOM's definition) that occurred at Boulevard Mixed Development in Q2 2022. Corrective action had been implemented on site and reviewed.

CDL top-ranked Singapore Company in Climate Reporting in ASEAN report

CDL ranked as top Singapore company for its climate reporting practice

Climate Reporting in ASEAN State of Corporate Practices

July 2022



25 JULY 2022 – The Climate Reporting in ASEAN – State of Corporate Practices 2022 report was published in July 2022 by GRI and NUS Centre for Governance and Sustainability. The study seeks to understand how companies in ASEAN do climate reporting and studied 600 companies in total. ASEAN countries covered in this report are Indonesia, Malaysia, Philippines, Singapore, Thailand, and Vietnam.

CDL was recognised as the top Singapore company for our climate-related reporting practices. We were lauded for being exemplary in reporting on and managing our climate risks and opportunities in alignment with global frameworks including TCFD, IPCC and other climate-risk approaches. CDL also clearly outlined how we will mitigate climate-related risks

through the formation of our Green Building and Technology Application Team in 2020 to explore innovative solutions and partnership to achieve our pledge towards a net-zero future.

Overall, Thailand took the lead in climate disclosure rate, closely followed by Malaysia and Singapore. Other Singapore companies recognised were Singtel, UOB Limited, Wilmar International Limited, and Keppel Corporation Limited.

To analyse the state of climate reporting in ASEAN, the study focused on the following seven key areas: reporting framework, materiality, risks and opportunities, governance, strategy, targets, and performance. •

SGX Group and MAS Launch ESGenome Disclosure Portal for Corporates

ESGenome disclosure portal to streamline sustainability reporting and enhance investor access to ESG data



12 SEPTEMBER 2022 – The Monetary Authority of Singapore (MAS) and Singapore Exchange (SGX Group) jointly launched ESGenome, a digital disclosure portal for companies to report Environmental, Social and Governance (ESG) data in a structured and efficient manner, and for investors to access such data in a consistent and comparable format.

ESGenome is a joint initiative by the MAS and SGX Group under Project Greenprint, to develop a common disclosure utility that will facilitate sustainability reporting for SGX-listed companies. The frameworks include the set of 27 core ESG metrics that SGX has recommended issuers to use as a starting point for sustainability reporting.

With corporate sustainability disclosures representing one of the largest sources of ESG data globally, there is great scope to harness technology to enhance such disclosures and comparability of data to support the financing decisions needed for a credible transition. Currently, the proliferation of multiple sustainability reporting frameworks and guidelines across jurisdictions, and the inconsistent manner in which data

is being collected, verified and reported, have created significant disclosure challenges and resulted in poor ESG data comparability.

CDL CSO and Chairperson of the Sustainability Report Advisory Committee, Ms Esther An, said, "This platform with a clear set of 27 ESG indicators will be very helpful for companies in their early stages of ESG reporting, which can be daunting given the complexity of reporting scope and process of data collation and analysis," and that CDL will continue to use the portal as one of the platforms to communicate our ESG performance to investors and the broader investment community.

Chan Kum Kong, head of research at SGX, said that as corporates have to report their ESG data using a core set of metrics as the baseline, the hope is that this will also shape the disclosure behaviour of companies where their sustainability reports are more quantitative in nature, as opposed to the current narrative-driven form of reporting. •

DRIVING SUSTAINABILITY THROUGH PARTNERSHIPS AND THOUGHT LEADERSHIP

ADVOCACY & ENGAGEMENT

World Cities Summit 2022 “Liveable and Sustainable Cities: Emerging Stronger”

A summit for the exchange and co-creation of city solutions for more liveable, sustainable, and resilient cities



Representing Singapore and CDL was our CSO, Ms Esther An at the flagship event of UNDP Global Centre for Technology, Innovation and Sustainable Development, Singapore on 2 Aug 2022 at the WCS 2022.

31 JULY, 1 & 2 AUGUST 2022 – World Cities Summit (WCS) is a biennial platform organised by Centre for Liveable Cities Singapore, for government leaders and industry experts to address urban living challenges, share integrated urban solutions and forge new partnerships.

The event resumed full-scale this year at Marina Bay Sands Expo and Convention Centre, after a three-year on-site hiatus due to the COVID-19 pandemic. As one of WCS’ corporate partners since 2018, CDL supported the four-day programme by helping to curate content for the City Innovators Stage showcase and two panel discussions moderated by CDL CSO, Ms Esther An.

The first panel on 1 August 2022 featured how to future-proof the built environment and build a sustainable city, with solutions from:

- Jacob Seet, Director at AMPD Energy on ‘green power supply solutions for construction equipment’;

- Shaun Koo, Co-Founder of H3 Zoom.ai on ‘machine learning, drones and robotics to automate quality and safety inspections’;
- Satinderpal Singh, Deputy Director at SP Digital, on ‘optimising air-conditioning performance through AI and IoT’;
- Teo Hwee Yean, CEO of CBM Solutions, on ‘digiHUB, a centralised digital platform that integrates machine learning and more, to improve facilities management’;
- Mohan Rajesh Elara, Professor from SUTD, on ‘autonomous and reconfigurable robots in the maintenance domain’.



CDL’s City Innovators Stage 1st Panel: Future-Proofing the Built Environment Through Innovation, featuring future-forward solutions: AMPD Energy, H3 Zoom.ai, SP Digital GET Control, CBM Solutions digiHUB, SUTD Robotics.



The second panel on 2 August 2022 inspired audiences with the journey of five new-age start-ups. Redefining what it means to be sustainable in the urban living and lifestyle sector were young and passionate leaders:

- Lester Leong, Co-Founder of GUSH, on 'air-purifying sustainable paint that eliminates bacteria and regulates humidity';
- Dr Tan Mei Chee, Associate Professor from SUTD, on 'smart decarboniser system that removes carbon dioxide in urban settings';
- Matthew Chew, Co-Founder of The Igloo, on 'an efficient alternative cooling system to air-conditioning';
- J.J. Chuan, Founder of Rehyphen, on 'designing fashion and lifestyle products like handbags and city maps, woven from discarded cassette tapes';
- Jeremy Lee, Founder of SimplyGood, on 'dried detergent tablets for sustainable home cleaning'.



Other start-ups and innovators that added to the diversity of the City Innovators showcase included:

- Hubble, an award-winning one-stop integrated construction management digital platform;

- Widuz; a nature-based materials application start-up redefining conventional materials used in construction, furniture and sports
- Inspiring Girls Singapore; a Non-Governmental Organisation that builds the confidence of young girls to pursue their dreams.

As a reinforcement of our commitment to breaking new grounds through innovation, CDL CSO Ms Esther An represented Singapore in the opening fireside chat of UNDP Global Centre for Technology, Innovation and Sustainable Development, Singapore's flagship event at the WCS 2022. The discussion highlighted the convergence of digitalisation and sustainability to achieve a low carbon economy, as part of the broader theme on the importance of digitalisation and innovation for an inclusive and green recovery from the COVID-19 pandemic. The session was moderated by Ms Jessica Cheam, Founder of Eco-Business, alongside H.E. Mr Priit Turk, Ambassador of Estonia to Singapore and ASEAN. Ms Esther An shared her thoughts on CDL's long-standing commitment for turning vision into action and creating positive impact through investments and applications of innovative digital solutions.

With 3,742 in-person attendees and thousands more who attended virtually, CDL was honoured to be an enabler in the WCS 2022 across a myriad of sectors and industries, for a more liveable, sustainable and resilient future. •

“Keep Calm and Love our Planet”: Featuring Renowned Explorer Sir Robert Swan

A continuation of the “Saving Glaciers Alliance” initiative to raise awareness about conserving the world’s polar regions and glaciers



The “Saving Glaciers Alliance Reconnect” event was attended by business leaders, policy makers, NGO leaders and youths.

4 & 6 SEPTEMBER 2022 – Sir Robert Swan, the pioneering explorer of the Polar regions, the first person in history to walk to both the North and South poles joined us at the Singapore Botanic Gardens to share his eye-opening experiences as a polar explorer, and why he founded the [2041 Foundation](#).

Sir Robert opened with a presentation on his remarkable adventures and mission to save Antarctica and the planet from the harsh reality of climate change, inspiring the 80 youths who were present to be vessels of change for our planet’s future.

This was followed by a lively panel discussion with Sir Robert and Dr Karenne Tun (Director (Coastal and Marine) National Biodiversity Centre, National Parks Board), with CDL CSO, Ms Esther An as the moderator. It was also inspiring to hear from the youth audience on how the younger generation can step up and take action in their own ways. Quoting Mr Swan’s advice, “let’s be hopeful, patient, undaunted” and “look for solutions”!

On 6 September 2022, the “Saving Glaciers Alliance Reconnect Panel” took place at the Singapore

“The greatest threat to our planet is the belief that someone else will save it.”

– **Sir Robert Swan, First Person to walk to both the North and South Poles**

Sustainability Academy. This is an extension of CDL’s launch of “Saving Glaciers Alliance” in October 2019 to highlight the importance of conserving the world’s polar regions and glaciers, and supports global goals such as SDG #13, which calls for urgent action to combat climate change and its impacts.

Sir Robert Swan, Melissa Low, Research Fellow at the National University of Singapore’s Centre for Nature-based Climate Solutions, Qing Sheng Ang, Lecturer and Filmmaker at LASALLE College of the Arts and winner of CDL E-Generation Challenge 2019 were part of the panel discussion, with CDL CSO as the moderator.

CDL, together with more than 60 business leaders, policy makers, non-governmental organisation leaders, and youths, pledged our commitment to turn awareness into action before it is too late. •

SID Directors Conference 2022

Group Chief Financial Officer, Ms Yiong Yim Ming, spoke at the conference: directors in a 4D world – digital, decentralised, decarbonised, diverse



Ms Yiong, CDL Group CFO, speaking on decarbonising the built environment as the key to a low carbon economy.

15 SEPTEMBER 2022 – 800 apex-level leaders participated in the hybrid SID Directors Conference 2022, themed “Directors in a 4D World: Diverse, Digital, Decentralised, Decarbonised”. The conference covered themes around ESG, supply chains, diversity and inclusivity, and human capital. As economies recover, organisations face fresh challenges due to shifting expectations from both internal and external stakeholders. Businesses will have to rethink how to create opportunities in a disrupted and decentralised world.

CDL Group Chief Financial Officer, Ms Yiong Yim Ming, spoke at the Decarbonised track on how decarbonising the built environment is key to a low carbon economy.

She shared about CDL’s unwavering board commitment for over two decades, how our strategic pillars of Integration, Innovation, Investment and Impact have helped the company to decarbonise through collaborations with a larger ecosystem of multi-stakeholders, and CDL’s journey in sustainability to become the first company in Southeast Asia to pledge to the World Green Building Council’s Net Zero Carbon Buildings Commitment in February 2021.

At the panel discussion, Ms Yiong discussed CDL’s key success factors in our sustainability journey as well as key challenges that the company had faced during this race towards net zero. •

CFO Coalition for the SDGs: SDGs Investment Forum

Group Chief Financial Officer, Ms Yiong Yim Ming, spoke at the panel on aligning corporate investments to UN priorities for SDG investments

20 SEPTEMBER 2022 – The UN CFO Coalition for the SDGs held the SDGs Investment Forum in New York, aimed to explore the link between companies’ SDG-aligned investments and the development community’s priorities toward the 2030 Agenda. With over 150 corporate, investors, intermediaries and NGOs in attendance, the forum comprised in-person interactive discussion among panellists with audience questions at the end.

As a member of the CFO Coalition for the SDGs, CDL Group Chief Financial Officer, Ms Yiong Yim Ming, spoke at the panel on aligning corporate investments to UN priorities for SDG investments. The panel explored how companies prioritise investments in terms of both business and sustainability and how this



Ms Yiong, CDL Group CFO, spoke at the SDGs Investment Forum in New York, organised by the UN CFO Coalition for the SDGs.

process aligns with governments and intergovernmental priorities for sustainable development. It will bring the perspectives of CFOs from leading companies to showcase the type of investments made by companies in key sectors of the economy – including renewable energy, metals and mining, infrastructure, and real estate – and how they contribute to the SDGs. •

Youth4Climate Festival 2022

The event resumed as a physical event at Singapore Botanic Gardens after being virtual for two years



Winners of My Tree House Eco Storytelling Contest received their prizes from Sir Robert Swan before the Youth4Climate movie screening of "Frozen II" at Singapore Botanic Garden's Palm Valley on 4 September 2022.

4 & 5 SEPTEMBER 2022 – CDL's flagship programme, the Youth4Climate (Y4C) Festival, made an in-person comeback for its 5th instalment after two years of COVID-19 restrictions were lifted. Initiated in 2018, the festival stems from CDL's belief that youths play a pivotal role in creating a sustainable future through youth empowerment and social good.

Organised in partnership with the Singapore Botanic Gardens, the Youth4Climate Festival supports the President's Challenge, Singapore Green Plan 2030 and the United Nations Sustainable Development Goals.

This year's festival kicked off with an outdoor movie screening event and other exciting fringe activities at the Singapore Botanic Garden's Shaw Foundation Palm Valley in the evening of 4 September 2022. The event was graced by special guest, Sir Robert Swan, a pioneering explorer and the first person in history to walk to both the North and South Poles.

Together with CDL CSO, Ms Esther An, Sir Robert kicked off the event by presenting prizes to winners of

CDL's My Treehouse Eco Storytelling Contest 2022. Sir Robert Swan shared with the public about his exciting journey as a pioneering explorer in the polar regions. He also highlighted the realities of climate change in Antarctica and the world at large, inspiring everyone to play their part in taking responsibility for our planet.

The festival is also a platform for Singapore's youth to express their passion for the environment and green wishes for the future through performance art. This was presented as a concert on 24 September 2022 through 36 energetic and talented performers ranging from dance, singing, story narration and musical performances. The event was hosted by Biogirl MJ, winner of the CDL E-Generation Challenge 2022 and graced by guest of honour Mr Baey Yam Keng, Senior Parliamentary Secretary, Ministry of Sustainability and the Environment & Ministry of Transport, who gave an encouraging message to the audience about supporting both green and social causes. A special pre-recorded message was also shared by President Halimah Yacob on supporting the 2022 President's Challenge. •



Performers of the Youth4Climate Concert at Singapore Botanic Garden's Shaw Symphony Foundation Stage on 24 September 2022.

ENGAGEMENTS

Sustainability Connect and Sustainable Finance Research Hub Announce Partnership to Launch CESGA Exam in Singapore

Connecting youths and businesses to champion SDG integration for positive change



31 AUGUST 2022 – Sustainability Connect, a partnership between the Singapore Sustainability Academy and Global Green Connect (GGC) Academy, and Sustainable Finance Research Hub (SFRH), announced the launch of a new partnership to bring the Certified ESG Analyst® (CESGA) exam to Singapore.

The European Federation of Financial Analysts Societies (EFFAS) CESGA program is a pioneering initiative that aims to provide the necessary training for the efficient Valuation, Measurement and Integration of Environmental, Social and Governance (ESG) issues into investment analysis. The CESGA program is intended for those who seek to acquire and build up essential ESG knowledge or aspire to be ESG analysts and specialists.

CESGA Holders are internationally recognised in Europe, Asia Pacific and the Americas.

As part of the launch, Sustainability Connect organised the hybrid event “Mobilising Capital to Accelerate ESG” on sustainable finance generating meaningful returns. Panel speakers include Dr Alexander Bassen, Professor of Capital Markets and Management of University of Hamburg; European Financial Reporting Advisory Group (EFRAG); Sammie Ho Dumas, Director of Social Impact & Sustainability of Williams-Sonoma; Edward Tay, CEO of Sistema Asia Capital; Dawn Foo, Executive Director of Robeco; Christina Lee, Founder & CEO of Global Green Connect. •

CDL-GCNS Young SDG Leaders Award Final Judging

CDL continues to engage, educate and empower youths to advance climate action



Panel of judges listening attentively to one of the finalist teams presenting their final proposal.

23 JULY 2022 – The 12th CDL-GCNS Young SDG Leaders Award Final Judging session spotlighted 10 finalist teams from various universities, polytechnics and junior colleges/high schools that gave impressive presentations on their proposed sustainability strategy and initiatives on their respective case companies: SGX, Danfoss, Olam Group, Vena Energy, CGS-CIMB, Giken Mobility, GUAVA Amenities, FoodServices, ST Engineering and Maxeon Solar Technologies.

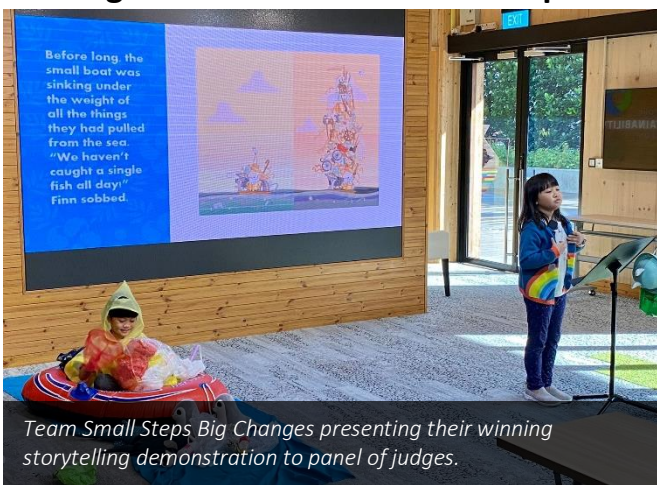
The panel of judges comprised CDL CSO, Ms Esther An, GCNS Executive Director Ms Esther

Chang, Stewardship Asia Centre CEO Mr Rajeev Peshawaria, Ministry of Sustainability and the Environment Environmental Policy Director Mr Wang Weixiang, Willis Towers Watson Managing Director Mr Shai Ganu and Millennium Hotels and Resorts Global Operations Principal Consultant Mr Ian Wilson.

Congratulations to all teams on their impressive work towards driving change in society and accelerating businesses' commitments to achieving the SDGs. The awards presentation took place at the [GCNS Summit 2022](#) on 17 October 2022. •

My Tree House “We Love Our Planet” Storytelling Contest Final Judging

Hearing our children’s love for our planet and working to create a greener future for all



Team Small Steps Big Changes presenting their winning storytelling demonstration to panel of judges.

30 JULY 2022 – The third edition of the My Tree House “We Love Our Planet” Contest concluded at an exciting and fun-filled final judging session at CDL’s Singapore Sustainability Academy.

Featuring a judging panel comprising Ms Fa’izah Binte Ahmad, NLB; Dr Audrey Chia, NUS Business School; Ms Kamini Ramachandran (virtual), MoonShadow Stories & The Storytelling Centre Limited; Ms Rachel Kelly, SPH Radio; and CDL CSO, Ms Esther An, the session spotlighted the top 20 contestants/teams who sent in the most engaging and inspiring stories under the Family, Preschool, Lower Primary and Upper Primary Categories.

Video submissions with the most heartening comments on lessons learned from the stories and aspirations to protect the planet were featured in a commemorative [video titled “We Love Our Planet – City in Nature 2022”](#). Winners were also presented Antarctica-themed prizes by Sir Robert Swan at the Youth4Climate Festival in September. •

Growing Edible Greens

Passionate eco-advocates and citizen farmers shared on their hobbies and how they can contribute to food security and Singapore's '30 by 30' goal



[Top row, from left to right] Panel of speakers share their enriching journeys on growing edible greens. Robust Q&A session with attendees of the event. [Bottom row, from left to right] Mathew Howe showing attendees the Grobrix vertical farming system. Attendees of event taking a selfie with speaker Sharon Tay.

6 JULY 2022 - Hosted at the Singapore Sustainability Academy, the [“Growing Edible Greens: Everywhere, for Everyone”](#) event focused on food, a timely subject as Singapore tries to meet its '30 by 30' goal of producing 30% of its nutritional needs by 2030.

In 2021, the average person in Singapore consumed 100kg of vegetables, 76kg of fruits, 390 eggs, 62kg of meat and 22kg of seafood. Only 10% of Singapore's food is locally produced, with the other 90% being imported. As such, the government launched a whole-of-nation movement to advance Singapore's national agenda on sustainable development, including addressing our food security issues. The Singapore Green Plan 2030's Resilient Future Pillar sets a '30 by 30' goal in which it aims to build up our agri-food industry's capability and capacity to produce 30% of our nutritional needs locally and sustainably by 2030.

Kicking off with a keynote speech from Mr Bjorn Low, Executive Director & Co-founder of [Edible Garden City](#), the session also featured an engaging panel discussion with Mathew Howe, Founder, [Grobrix](#); Charlotte Mei, Nutritionist and Presenter, [@thecharlottemei](#); Jack Yam, [The Midnight Gardener](#); Sharon Tay, Community in Bloom Ambassador, National Parks Board; and moderated by CDL CSO, Ms Esther An. The passionate eco-practitioners and citizen farmers shared on their innovative journeys and experiences, as well as their views and wishes on food security in Singapore.

Attended by almost 100 enthusiastic urban farmers and professionals, the Q&A session zoomed into food waste management and composting and closed with a lively networking session. •

CDL E-Generation Challenge 2022 Final Judging

Sailing Towards Net Zero



Biogirl MJ, winner of the CDL E-Generation Challenge 2022 with her animated presentation during the judging session held at the SSA.

10 SEPTEMBER 2022 - The CDL E-Generation Challenge is an annual competition that unearths talented young advocates from Singapore and the ASEAN region, providing eco-champions with an exciting platform to inspire thousands towards a greener and more sustainable future.

Aligned with the Singapore Green Plan 2030, a multi-ministry and 3P effort to drive ambitious and collective climate action across all sectors in Singapore, the E-Generation Challenge encourages young eco-champions to explore frontiers facing the destructive impacts of climate change and drive the global green agenda.

The 2022 edition of the challenge was for participants to share their thoughts on "Why and how we should achieve a low-carbon lifestyle". The judging session took place at the SSA and spotlighted the top eight finalists from the competition.

The judging panel comprised:

- Dr Karenne Tun, Director of the Coastal and Marine Environment Branch at the National Biodiversity Centre, National Parks Board;
- Ang Qing Sheng, Lecturer & Filmmaker, LASALLE College of the Arts and CDL E-Generation 2019 Winner;

- Michael AW, Director at Ocean Geographic Society (virtual);
- Christina Lee, Founder & CEO, Global Green Economic Forum; and
- Esther An, CDL CSO.



Melissa Tan, the first runner-up, giving an engaging presentation to the panel of judges.

This year's winner won a 2-week dream Antarctic Climate Epic Expedition with Dr Sylvia Earle, one of TIME Magazine's "Heroes for the Planet", on a state-of-the-art expedition vessel aptly named the 'Sylvia Earle'. Runner-ups win a 2-week educational trip with Earth Company, located in Ubud, Bali.

As the window for human intervention to address climate change is closing fast, CDL believes that youths are the catalyst for change, and can help propel climate action. We remain committed to discovering and nurturing eco champions in Singapore and ASEAN, because climate action is a shared responsibility across borders. •

SINGAPORE SUSTAINABILITY ACADEMY: DYNAMIC HUB FOR THOUGHT LEADERSHIP, ADVOCACY & CAPACITY BUILDING

Building a sustainable future requires the collaboration of a larger ecosystem. The Singapore Sustainability Academy (SSA) was designed and built by CDL to be a hub for capacity building, thought leadership, and networking. As the first ground-up initiative and zero-energy facility in Singapore dedicated to supporting the SDGs and climate action, the SSA was set up with the support of six government agencies, 15 founding industry and NGO partners.

Despite the COVID-19 pandemic, the SSA has continued to promote sustainable lifestyle practices through hosting a series of in-person and hybrid sustainability-related talks. These sessions were free and open to the public – providing the SSA with great opportunities to expand outreach beyond our shores. In Q3 2022, the SSA welcomed over 400 in-person attendees.

With the easing of COVID-19 restrictions, we look forward to hosting more events at the SSA to promote and support the UN SDGs within our community and beyond. •

SSA HIGHLIGHTS: 1 July – 30 September 2022

Growing Edible Greens

6 July 2022



Featured speakers and moderator engaging in exciting discussion regarding food security in Singapore.

“Growing Edible Greens: Everywhere, for Everyone” focused on food, a timely subject as Singapore tries to meet its ‘30 by 30’ goal of producing 30% of its nutritional needs by 2030. Kicking off with a keynote speech from Mr Bjorn Low, Executive Director & Co-founder of Edible Garden City, the session also featured an engaging panel discussion with passionate eco-practitioners and citizen farmers who shared on their innovative journeys and experiences, as well as their views and wishes on food security in Singapore. • [Watch the recording on our YouTube channel](#)

Green is The New Black We Got This programme

6 July 2022



#WeGotThis 2022 Sustainability Bootcamp is a youth-led sustainability movement. Over the five-day intensive bootcamp, participants had the opportunity to learn from sustainability experts, activists and youths, develop their essential skills and get answers to crucial questions that can help them to embark on their changemaking journey. We covered sustainability knowledge and science, role discovery, digital skills, communication skills and community building. •

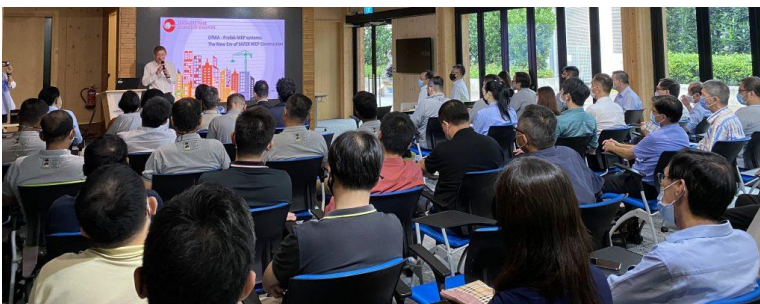
Accommodate Singapore Untamed Launch

7 July 2022



Mr Eddy Lau, Executive Director, Specialists Trade Alliance of Singapore shares on "The New Era of Safer MEP Construction" to attendees.

Singapore Untamed is a biodiversity-centric board game that aims to make learning about Singapore's fauna diversity accessible and fun. Players learned about ecological concepts that were weaved into the game mechanics. Special guest Dr Zeehan Jaafar, senior lecturer at NUS was also present at the event. •



Mr Eddy Lau, Executive Director, Specialists Trade Alliance of Singapore on his sharing to attendees about "The New Era of Safer MEP Construction."

CDL 5-Star EHS Seminar

13 July 2022

CDL's SSA hosted the first in-person CDL 5-Star EHS Seminar since the onset of COVID-19. Mr Chia Ngiang Hong, CDL Group General Manager and senior management from CDL's Property Development team were present to interface with our main contractors, site supervisors and project consultants. Various industry experts shared latest trends and best practices to strengthen CDL's robust EHS management and performance, especially with regards to workplace health and safety. The penultimate meeting concluded with the much-awaited results of the quarterly performance of each project under construction site. •

Women4Green: Ambassador Margriet Vonno – More than Meets the Eye

20 July 2022



[From left to right] Ambassador Vonno sharing her experience in Singapore with CDL CSO, Ms Esther An. Attendees of the event and friends of Her Excellency snap a picture during the networking session.

CDL commemorated the end and culmination of Ambassador Vonno's journey in Singapore at the SSA. The event, with about 50 attendees, featured opening remarks from CDL CSO, an intimate conversation with Ambassador Vonno, followed by a Q&A session and a networking event. Her Excellency shared on the challenges she faced, her thoughts on global climate action, female empowerment in climate action, and her next steps in life. •



Attendees asking questions regarding the expedition.

Marine Stewards ReefX Briefing

20 July 2022

Run by Marine Stewards and National Parks, the ReefX Information Session covered an overview of the ReefX programme and expedition, basics of marine life taxonomies, Bioblitz documentation techniques, diving etiquette and conduct, and data input procedures. •

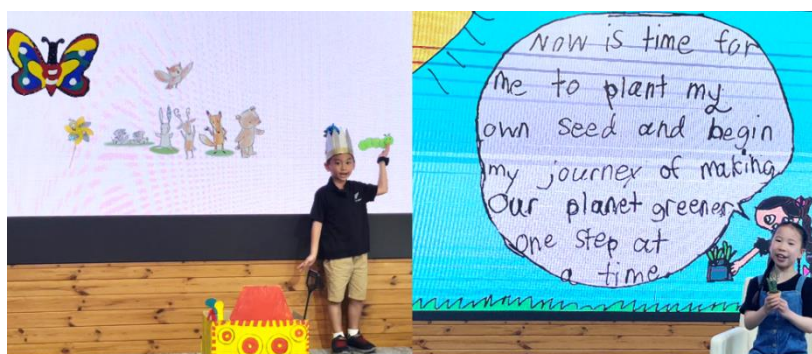
CDL-GCNS Young SDG Leaders Award Final Judging

23 July 2022



Panel of judges listening attentively to a finalist team's presentation.

The 12th CDL-GCNS Young SDG Leaders Award Final Judging session spotlighted 10 finalist teams from various universities, polytechnics and junior colleges/high schools that gave impressive presentations on their proposed sustainability strategy and initiatives on their respective case companies: SGX, Danfoss, Olam Group, Vena Energy, CGS-CIMB, Giken Mobility, GUAVA Amenities, FoodXervices, ST Engineering, and Maxeon Solar Technologies. •



Zac Chia (preschool category) and Lauren Fleur (lower primary category) presenting their winning storytelling demonstrations to the judges.

My Tree House “We Love Our Planet” Storytelling Contest Final Judging

30 July 2022

The third edition of the My Tree House “We Love Our Planet” Eco Storytelling Contest concluded at the final judging session at CDL’s SSA. Featuring a judging panel comprising Ms Fa’izah Binte Ahmad, NLB; Dr Audrey Chia, NUS Business School; Ms Kamini Ramachandran (virtual), MoonShadow Stories & The Storytelling Centre Limited; Ms Rachel Kelly, SPH Radio; and Ms Esther An, CDL, the session spotlighted top contestants who sent in the most engaging and inspiring stories under the Family, Preschool, Lower Primary and Upper Primary Categories. •

Global Compact Network Singapore (GCNS) Enterprise Sustainability Programme (ESP) Training

11-12 August 2022



The training was attended by 32 participants.

The GCNS ESP was a 2.5 day training to help SMEs gain greater awareness of corporate sustainability and build their capability to kickstart their sustainability journey. Module 1 focused on foundations in corporate sustainability, where participants learned about sustainability and what drives business competitiveness. Module 2 focused on the operationalisation of sustainability into business practices, exploring stakeholder expectations, measurable indicators and potential action plans and goals that can be undertaken to become more sustainable. Module 3 focused on sustainability reporting, guiding participants how to strategically communicate performance and address information needs. •



Singapore Youth for Climate Action “Keeping Up with Climate Policy” Workshop

13 August 2022

This event, the first of a five-part series, brought together local youths to understand Singapore's climate policy better, and thus empowered youths to speak up for the environmental issues they are passionate about. Through the sharing sessions, attendees examined Singapore's historical climate policy trajectory as well as discovered key turning points and defining moments. Then, through small-group discussions, they collectively brainstormed what areas could be investigated to advance climate policies further. •

Singapore Environment Council (SEC) “Putting Sustainability into Business Practice”

24, 25, 30 August 2022

1, 20, 22, 27, 29 September 2022



SEC Instructor sharing on integrating sustainability into businesses.

In partnership with Enterprise Singapore, Singapore Environment Council’s “Putting Sustainability into Practice for Business” course is part of the Enterprise Sustainability Programme – Sustainability Courses. Each course comprised four sessions on four separate days, and was attended by a total of 40 participants. •



Enterprise Singapore Sustainability Learning Journey

30 August 2022

CDL CSO Ms Esther An shared on CDL's sustainability journey.

Hosted at the SSA and organised by Enterprise Singapore, this session spotlighted CDL CSO, Ms Esther An as she shared on “Enhancing a Resilient Economy, Winning the Global Race to Zero”. Her presentation focused on net zero, circularity, CDL’s Sustainability Connect, and global trends on ESG and building sustainability culture through initiatives and staff engagement. The event was well-received with over 60 attendees. •

Mobilising Capital to Accelerate ESG – CESGA Launch

30 August 2022



Panellists and moderator sharing their thoughts on how to mobilise capital to accelerate ESG.

Sustainability Connect, a partnership between the SSA and Global Green Connect (GGC) Academy, and Sustainable Finance Research Hub (SFRH), launched a new partnership to bring the Certified ESG Analyst® (CESGA) exam to Singapore.

Hosted at the SSA, “Mobilising Capital to Accelerate ESG” focused on how sustainable finance can generate meaningful returns and how we can enhance the alignment between expectations of investors and investees to take things to the next level, beyond investing in companies with ESG practices. •



Winning team smiles for the camera.

Zero Waste Bootcamp #7 Final Review

3 September 2022

Organised by Secondsguru, the 7th Zero Waste Bootcamp - kickstarted on 21 May 2022 at the SSA - was a 12-week programme for youth in Singapore to craft projects dedicated to environmental and social causes. Working in teams, participants engaged with a local not-for-profit organisation to brainstorm solutions and execute them. The bootcamp was a great opportunity to not only learn about Singapore's environmental initiatives by key stakeholders, but also gain skills and knowledge to carry out a meaningful project in the community. Post-bootcamp, projects were converted into artistic posters and featured in a travelling exhibition across various public libraries. •

Lepak@SG

4 September 2022



Attendees participate in group icebreaker games.

Members of environmental civil society group, LepakInSG, were invited to the SSA for a bonding event to build team cohesiveness. •

Saving Glaciers Alliance Reconnect Panel

5 September 2022



Attendees of the event posing for the camera with Sir Robert Swan (front row, third from the left) and panellists.

Hosted at the SSA, the “Saving Glaciers Alliance Reconnect Panel” featured [Sir Robert Swan](#), pioneering explorer of the polar regions, the first person in history to walk to both the north and south poles, and the Founder of 2041, as well as [Melissa Low](#), Research Fellow at the National University of Singapore’s Centre for Nature-based Climate Solutions, [Qing Sheng Ang](#), Lecturer and Filmmaker at LASALLE College of the Arts and winner of the CDL E-Generation Challenge 2019, and CDL CSO, [Esther An](#). • [Watch the recording on our YouTube channel](#)



Judging panel posing for the camera after yet another successful judging session.

CDL E-Generation Challenge Final Judging

10 September 2022

The 2022 edition of the CDL E-Generation Challenge judging session took place at the SSA. Featuring a judging panel comprising Dr Karenne Tun, Director of the Coastal and Marine Environment Branch at the National Biodiversity Centre, National Parks Board; Ang Qing Sheng, Lecturer & Filmmaker, LASALLE College of the Arts and CDL E-Generation 2019 Winner; Michael AW, Director at Ocean Geographic Society (virtual); Christina Lee, Founder & CEO, Global Green Economic Forum; and CDL CSO, Ms Esther An, the session spotlighted the top eight finalists from the competition. •

Sustainability Onboarding for Singapore Environment Council (SEC) Staff

9, 12 September 2022



SEC staff learning about sustainability trends and reporting.

A 1.5 day training organised by SEC to onboard all its staff on sustainability trends and reporting as part of their human resource development programme. •



Ocean Geographic Director Mr Michael Aw waving hello to the crowd.

Ocean Geographic Antarctic Climate Epic Expedition Briefing and Reception Dinner

15 September 2022

Ocean Geographic (OG) launched a preview of the Antarctic Climate Epic (ACE) project at the SSA. Hosted by CDL, the event was attended by 49 ACE ambassadors, sponsors of ACE and partners and friends of OG. Under the ACE project, a group of Climate Avengers comprising 110 brilliant minds that are diverse in age, culture, experience, expertise, influence, talents, nationalities and gender will embark on an Expedition to Antarctica in 2023, led by Dr Sylvia Earle, Her Deepness.

At the event, the road map to formulating 23 resolutions towards net zero by 2035 was revealed, along with the preview of the 2099 Living Our Legacy documentary trailer, outlining and setting goals for climate resolutions and an action plan to be championed through governments, corporations, communities and individuals to adopt and achieve net zero by 2035. •

WWF SG Townhall Meeting

27 September 2022



WWF staff listening attentively to senior management's presentation.

WWF held their annual town hall at SSA with over 130 staff including senior management in attendance. This was a closed door event where they shared highlights and key milestones of 2022 and discussed workplans for 2023. •

THOUGHT LEADERSHIP SPEAKING ENGAGEMENTS IN Q3 2022

- 4 Jul | MOF Advance – Sustainability Reporting - An Overview of Developments and the State of Play in Singapore
- 4 Jul | SGX-DBS ESG Corporate Day – Fireside Chat - Does ESG pursuit equate to good bottom line & performance?
- 5 Jul | ACCA Roundtable on ISSB Proposed Standards – ISSB proposed standards: Real Estate and Construction sector
- 6 Jul | Schneider Innovation Summit – Decarbonising Cities - How to Harmonise Buildings, Mobility, and Infrastructure
- 8 Jul | Temasek Polytechnic World Youth Skills Day – Stepping Up in the Global Race to Zero
- 15 Jul | World Women Economic & Business Summit – Women in Sustainable Development: Partnerships for Planet, People, Prosperity
- 19 Jul | Launch of GRI-NUS joint report on Climate Reporting in ASEAN: State of Corporate Practices – Roundtable Dialogue
- 22 Jul | ESG Grits Awards – Changing the Organisational Culture - Why Companies should Adopt ESG
- 27 Jul | Bloomberg Sustainable Business Summit – The Scope 3 Challenge
- 2 Aug | UNDP Global Centre Flagship Event – Fireside Chat - Digital for a Green Recovery
- 24 Aug | NUS Master of Science in Sustainable and Green Finance class – Adding Purpose to Enhance the Triple Bottom Line – Creating Strong Business Value
- 25 Aug | Asian Women Leadership Summit – Integrating Diversity & Inclusion with Sustainability Strategy
- 25 Aug | ISCA PAIB Conference 2022 – Financial Reporting Implications - ESG in Focus
- 30 Aug | SP Sustainable Energy Solutions – The Transformative Landscape of Sustainable Business in Singapore
- 30 Aug | Sustainability Connect – Mobilising Capital to Accelerate ESG
- 31 Aug | PwC Indonesia Webinar – Enhancing your ESG Reporting
- 1 Sep | HASH Innovation Asia Summit – Going Green Holistically & Sustainably For Our Business, Buildings & Cities
- 2 Sep | Public Service Science, Technology & Engineering Conference 2022 – Translating S.T.E., Real World Journeys’, focused on sustainability & circularity ops-tech integration, by STE Leaders
- 6 Sep | IBEW 2022 – In Conversation” session titled “Spearheading Towards a Low-Carbon Built Environment Ecosystem
- 7 Sep | Moral Money Asia Summit – Quality data and reporting - are Asia’s companies meeting investor and regulatory expectations on ESG reporting?
- 13 Sep | Morgan Stanley expert panel – Fireside Chat with Tim Chan
- 29 Sep | SMU Guest Lecture: Org Aspects of Sustainable Innovation – Sustainable Innovation towards

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