



*CDL continues to maintain its leadership in sustainability reporting: we were recognised as a top performer at the Asia Sustainability Reporting Awards. We also launched the third edition of our Climate Action Exhibition titled/themed "Melting Ice, Sinking Cities" at the CDL Green Gallery, graced by Guest-of-Honour Ms Indranee Rajah, Minister in Prime Minister's Office, Second Minister for Finance and Second Minister for National Development.*

The first half of 2023 saw a continuation of the recent trajectory of years with high insured losses.<sup>1</sup> The overall losses of US\$ 110 billion still sits above the 10-year average.<sup>2</sup> The world saw a series of severe heatwaves in Spain and Germany, wildfires across Europe, and floodings in Pakistan and Malaysia. In April 2023 UN Secretary-General Antonio Guterres penned a letter to his future great-great-granddaughter, acknowledging that "humanity is losing the fight of our lives: the battle against climate-upheaval that threatens our planet." He emphasised that, "We are making a mess of our planet through bottomless greed, timid action, and an addiction to fossil fuels that is driving temperatures to unlivable new highs around the world every year." The climate crisis is worsening - the world must step up and accelerate climate action towards a greener future.

In June 2023, CDL exemplified this spirit of robust and collaborative action through the third instalment of our climate action exhibition series titled "Melting Ice, Sinking Cities." The exhibition, jointly organised by CDL, the National Parks Board and Ocean Geographic, highlights the importance of the conservation of the Antarctic, as well as the interconnectedness of climate change and the health of our ocean, people, and the planet. The exhibition is most timely as ice loss from Greenland and Antarctic has increased five-fold since the 1990s, and now accounts for a quarter of sea-level rise.<sup>2</sup> In line with CDL's long-standing belief to engage with the public and youth, we hosted several panels on topics related to ocean preservation and the built environment. We also launched the fourth edition of the My Tree House "We Love Our Planet" Storytelling Contest in celebration of World Environment Day 2023, and hosted the NTU-SDG Open Hack SG with Global Green Economic Foundation in May with a multiplied outreach this year.

## PERFORMANCE

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## SINGAPORE SUSTAINABILITY ACADEMY

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<sup>1</sup> [Continued high losses from natural catastrophes in 2022 | Swiss Re](#)

<sup>2</sup> [ESA - Ice loss from Greenland and Antarctica hits new record](#)

While engaging the community is a priority, measurement and disclosure of CDL's sustainability performance also remained as a fundamental pillar of our business. As testament to our sustainability reporting rigour, CDL was conferred three gold and two silver awards as the Asia Sustainability Reporting Awards, and also clinched platinum and gold awards at the International Hermes Creative Awards.

Other notable achievements this quarter include, achieving zero non-conformity in the ISO 14001 and ISO 45001 EHS Integrated Management System Audit, and receiving our certificate of renewal. CDL also achieved the Top Elite-Level for the Singapore Environment Council Eco-Office certification.

Time is running out and the window of opportunity to fight climate change is closing. At CDL, we remain steadfast in our commitment to achieving our goals. We will continue to strive towards zeroing in on positive impact, accelerating climate action, engaging our stakeholders, and pushing our boundaries in driving corporate sustainability.

**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	INTERIM 2023 ANNUAL TARGETS <sup>1</sup>	FY2023 Q2 PERFORMANCE
<b>Goal 1: Building Sustainable Cities and Communities</b>  	Achieve Green Mark certification for <b>100%</b> of CDL owned and/or managed buildings <sup>2</sup>	≥ 90%	○○● 100% achieved
	Maintain <b>100%</b> retail and office tenant participation in CDL Green Lease Partnership Programme	Achieve <b>100%</b>	○○● 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 ≥ <b>36</b> engagements and advocacy initiatives and activities per quarter	○○● Average of 59 engagement and advocacy initiatives and activities per quarter
<b>Goal 2: Reducing Environmental Impact</b>	Achieve science-based target of reducing carbon emissions intensity by <b>63%</b> from 2016 levels <sup>3</sup>	<b>27%</b> reduction	○○● 32% reduction

<div><div>9</div><div>INDUSTRY, INNOVATION AND INFRASTRUCTURE</div></div> <div><div>12</div><div>RESPONSIBLE CONSUMPTION AND PRODUCTION</div></div> <div><div>13</div><div>CLIMATE ACTION</div></div> <div><div>15</div><div>LIFE ON LAND</div></div>	<b>Asset Management (AM) - Office &amp; Industrial<sup>4</sup>:</b>  Reduce energy use intensity by <b>55.7%</b> from 2016 levels  Reduce water use intensity by <b>9.5%</b> from 2016 levels <sup>4</sup>  Reduce waste intensity by <b>8%</b> from 2016 levels <sup>4,5</sup>	Energy use intensity: <b>21%</b> reduction  Water use intensity: <b>2%</b> reduction  Waste intensity: Limit increase to less than <b>17%</b>	<div><div></div><div></div><div></div> Energy use intensity: <b>21.6%</b> reduction</div> <div><div></div><div></div><div></div> Water use intensity: <b>12.9%</b> reduction</div> <div><div></div><div></div><div></div> Waste intensity: <b>18%</b> reduction</div>
	<b>Asset Management (AM)-Retail<sup>4</sup>:</b>  Reduce energy use intensity by <b>55.7%</b> from 2016 levels  Reduce water use intensity by <b>10.8%</b> from 2016 levels  Reduce waste intensity by <b>5%</b> from 2016 levels <sup>5</sup>	Energy use intensity: <b>27%</b> reduction  Water use intensity: <b>9.5%</b> reduction  Waste intensity: Limit increase to less than <b>8%</b>	<div><div></div><div></div><div></div> Energy use intensity: <b>22.8%</b> reduction<sup>6</sup></div> <div><div></div><div></div><div></div> Water use intensity: <b>48.2%</b> reduction</div> <div><div></div><div></div><div></div> Waste intensity: <b>2%</b> reduction</div>
	<b>Corporate Office:</b>  Reduce energy use intensity by <b>63%</b> from 2016 levels	Energy use intensity: <b>14%</b> reduction	<div><div></div><div></div><div></div> Energy use intensity: <b>17%</b> reduction</div>
	<b>Property Development (PD)<sup>7</sup>:</b>  Achieve an energy use intensity of <b>95 kWh/m<sup>2</sup></b>  Achieve a water use intensity of <b>1.54 m<sup>3</sup>/m<sup>2</sup></b>  Achieve a waste intensity of <b>40 kg/m<sup>2</sup></b> <sup>5</sup>	Energy use intensity: <b>≤105 kWh/m<sup>2</sup></b>  Water use intensity: <b>≤1.72 m<sup>3</sup>/m<sup>2</sup></b>  Waste intensity: <b>≤ 47.5 kg/m<sup>2</sup></b>	<div><div></div><div></div><div></div> Energy use intensity: 3 out of 3 currently TOP projects did not meet target<sup>8</sup></div> <div><div></div><div></div><div></div> Water use intensity: 2 out of 3 TOP projects did not meet target<sup>9</sup></div> <div><div></div><div></div><div></div> Waste intensity: 1 out of 3 TOP projects did not meet target<sup>10</sup></div>
	Ensure <b>100%</b> of appointed Suppliers <sup>11</sup> are certified by recognised EHS standards	<b>100%</b> of vendors appointed by AM; <b>100%</b> of main contractors and <b>≥90%</b> of key consultants appointed by PD	Data will be reported at the end of the year

	Reduce embodied carbon of building materials by <b>41%</b> compared to their conventional equivalents	<b>21%</b> reduction for new projects awarded	Data will be reported at the end of the year
<b>Goal 3: Ensuring Fair, Safe and Inclusive Workplace</b>   	Maintain <b>zero</b> corruption and fraud incidents across CDL's core operations	<b>Zero</b>	 <b>Zero</b> corruption and fraud incident
	Maintain <b>zero</b> fatality across CDL's operations and direct suppliers in Singapore	<b>Zero</b>	 <b>1 fatality<sup>12</sup></b>
	Maintain <b>zero</b> occupational disease across CDL's operations and direct suppliers in Singapore	<b>Zero</b>	 <b>Zero</b> occupational disease
	Maintain a <b>Major Injury Rate (Major IR)<sup>13</sup> of 10.0</b> across CDL's operations and direct suppliers in Singapore	<b>≤ 15.3</b>	 <b>0 Major IR</b>
	Maintain a <b>Minor Injury Rate (Minor IR)<sup>13</sup> of 460.0</b> across CDL's operations and direct suppliers in Singapore	<b>≤ 593.0</b>	 <b>74.7 Minor IR</b>

Notes:

<sup>1</sup> The 2030 targets and interim 2023 annual targets were reviewed in Q2 2022 and reflected in the table above.

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

<sup>3</sup> Intensity figures were calculated based on per unit net lettable floor area.

<sup>4</sup> Water use and waste intensities include water use and waste disposed of by CDL Corporate Office.

<sup>5</sup> Waste intensity figures are for non-recyclable waste.

<sup>6</sup> 2023 Q2 experienced high temperatures that would have resulted in a higher cooling load.

<sup>7</sup> For projects that obtained TOP status for the reporting year. The projects are, Piermont Grand EC, Haus on Handy and Boulevard 88 / The Singapore EDITION

<sup>8</sup> For energy use intensity, the targets were not met for Piermont Grand EC, Haus on Handy and Boulevard 88 / The Singapore EDITION namely due to the prolongation of the construction process caused by COVID-19.

<sup>9</sup> For water use intensity, the targets were not met for Haus on Handy and Boulevard 88 / The Singapore EDITION namely due to the prolongation of the construction process caused by COVID-19.

<sup>10</sup> For waste intensity, the targets were not met for Boulevard 88 / The Singapore EDITION due to a higher waste generation from interior design materials associated with a mixed development project that includes a Hotel.

<sup>11</sup> These 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.

<sup>12</sup> There was one reported Fatality case that occurred during demolition at Newport site in Q2 2023. Investigation is still ongoing by Main Contractor and MOM.

<sup>13</sup> Major 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](#).

## SUSTAINABILITY ACCOLADES AND ACHIEVEMENTS

# Asia Sustainability Reporting Awards

### CDL wins three Gold and two Silver awards at the 8<sup>th</sup> Asia Sustainability Reporting Awards



31 MARCH 2023 – CDL was conferred three Gold and two Silver awards for our Integrated Sustainability Report (ISR) 2022, at the Asia Sustainability Reporting Awards (ASRA). [In its 8th year, ASRA is the most prestigious international awards for corporate sustainability reporting.](#) This year's awards received at least 130 entries across 10 countries.

With the awards recognising the best-in-class sustainability reports in the region, CDL clinched gold for Asia's Best Sustainability Report (Governance), Asia's Best Climate Reporting, Asia's Best Environmental Impact Reporting, and silver for Asia's Best Sustainability Report (Large Company) and Asia's Best Sustainability Report (CEO Letter) at the virtual awards ceremony held on 31 March 2023.

The awards follow a rigorous multi-tier evaluation process involving three assessment rounds to select the best in each category. An independent judging panel determines the finalists and winners. In addition to assessing the report quality, the judging process involves comprehensive due diligence that considers companies' reputation among their stakeholders. •



## Eco-Office Certification

### CDL achieves our First Eco-Office Elite-Level Certification



23 MARCH 2023 – The Singapore Environment Council (SEC) Eco-Office certification in Singapore recognises offices that

demonstrate a strong commitment to the environment. The highest-level Elite certification is accorded to companies that excel in environmental performance and are able to effectively promote green ethos among their employees. The assessment framework for Eco-Office includes a comprehensive scoring system and verification

process that evaluates both physical and non-physical aspects of the companies involving six criteria: Energy Management, Water Management, Resource and Waste Management, Interior Environment, Sustainability Management, and Office Staff Behaviour. CDL has achieved the Top Elite-Level for the Eco-Office certification, marking our first time reaching this level of certification. The accomplishment is the result of various initiatives and measures taken to reduce CDL's environmental impact, while actively promoting sustainable practices in the workplace. •



# International Hermes Creative Awards 2023

## CDL clinches Platinum and Gold Awards for the CDL ISR 2022



16 MAY 2023 – CDL was conferred the Platinum Award for its ISR 2022 (web version) and the Gold Award for its

ISR 2022 (print version) at the prestigious 2023 Hermes Creative Awards International Competition.

Based in the US and one of the oldest and largest creative competitions in the world, the award recognises creative professionals involved in the concept, writing, and design of traditional and emerging media, including creative publications that bring ideas to life. Over 6,500 entries from throughout the US, Canada, and other countries were submitted for this year's competition.

CDL takes pride in collaborating with Meta Fusion design agency to elevate the creative presentation of our ISR 2022 to the highest standard. •

# The Legal 500 Southeast Asia 2023 Green GC Power List

## CDL CSO, Ms Esther An, recognised on The Legal 500 inaugural Green GC Powerlist in Southeast Asia 2023



20 APRIL 2023 – CDL's CSO, Ms Esther An, was nominated for The Legal 500 Green GC Powerlist: Southeast Asia 2023. This year was the first time the

award went beyond recognising in-house lawyers, to include sustainability officers that have made a mark in the ESG space as well.

With businesses under increasing pressure to meet ESG targets, many leaders are being called on to identify and mitigate risks across supply chains, align approaches to compliance with global standards, and establish new frameworks for corporate governance. The Legal 500's Green Powerlist is designed to highlight 100 of the most prominent General Counsel, Heads of Legal and Sustainability Officers in Southeast Asia; with this research project highlighting the individuals that are driving sustainability and helping their organisations move towards a green transition.

With over 200 individuals in attendance, Guest-of Honours at the event included Minister for Sustainability and the Environment of Singapore, Ms Grace Fu, who delivered a speech, and Rajah and Tann Singapore Managing Partner, Mr Patrick Ang. •

# ISO 14001 and ISO 45001 EHS Integrated Management System Audit

**Achieved zero non-conformity for corporate office, project development and asset management operations audit**



Different business units in CDL went through the ISO 14001 and ISO 45001 EHS Integrated Management System audit process to enable effectiveness in their operations.

31 MARCH 2023 – As part of ISO 14001 and ISO 45001 audit, the CDL EHS management system underwent a review of sustainability targets covering energy, GHG emissions, water, waste, health and safety.

The CDL Future Value 2030 Sustainability Blueprint, first established in 2017, was updated in line with CDL's revised Science Based Targets Initiative (SBTi) targets. More stringent targets were validated in December 2021, effecting change in baseline year for several targets to 2016. Revised interim FY2022 targets reflecting projected 2030 Scope 1, 2 and 3 targets approved by SBTi were communicated and endorsed at the 2022 annual management review meeting with CDL Group CEO Mr Sherman Kwek and the Heads of Departments. This year, a similar management review process was practiced. Document samples provided by the corporate office, project development division and asset management division were reviewed by the

auditors and achieved zero non-conformity. The integrated EHS manual, procedures, related documents and site visits were found to have met the requirements of ISO 14001:2015 and ISO 45001:2018 and certificate of renewal was issued. Four opportunities for improvement were shared for CDL's considerations namely on improvements to the internal audit checklist and asset level environmental aspects and impact document, as well as recommendations on placement of resting areas and improvements to the permit-to-work process in training certification documentation requests.

Four opportunities for improvement were identified including internal audit checklist; asset level environmental aspects and impact; cooling tower resting area and rope access (IRATA) training records.

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# DRIVING SUSTAINABILITY THROUGH PARTNERSHIPS AND THOUGHT LEADERSHIP

## ADVOCACY & BEST PRACTICES

### Re-opening of the CDL Green Gallery and Launch of “Melting Ice, Sinking Cities” Climate Action Exhibition

**This exhibition highlights the interconnectedness between climate change, melting glaciers, our ocean and Singapore’s coastal resilience**



The exhibition and refreshed CDL Green Gallery were opened by Ms Indranee Rajah, Minister in Prime Minister’s Office, Second Minister for Finance and Second Minister for National Development (second from right). The ceremony also featured a sharing by Dr Sylvia Earle, world-renowned marine biologist and oceanographer (left).

23 JUNE 2023 – In partnership with the National Parks Board (NParks) and Ocean Geographic (OG), CDL launched the third instalment of its climate action exhibition series, themed “Melting Ice, Sinking Cities.” Visitors are invited on a journey to the Antarctic, where climate change, rising temperatures and melting glaciers threaten the well-being of life across the globe. Running until March 2024, the exhibition also highlights Singapore’s commitment to preserving our rich marine biodiversity and coastal resilience. By showcasing the interconnectedness of climate change and the health of our ocean, people, and the planet, CDL, NParks and OG

aim to raise awareness and inspire action for positive change.

*“CDL’s partnership with Garden City Fund is an inspiring example of sustained, meaningful corporate stewardship. It is both significant and note-worthy that this year, CDL celebrates its 60<sup>th</sup> anniversary, while NParks commemorates 60 years of greening Singapore. I look forward to seeing this close partnership continue to flourish in the years to come.”*

- Minister in Prime Minister’s Office, Second Minister for Finance and Second Minister for National Development, Ms Indranee Rajah



The opening event was graced by Guest-of-Honour Minister in Prime Minister's Office, Second Minister for Finance and Second Minister for National Development, Ms Indranee Rajah; Dr Sylvia Earle; CDL Group Chief Operating Officer, Mr Kwek Eik Sheng; CDL Group General Manager, Mr Chia Ngiang Hong; CDL CSO, Ms Esther An; NParks Chief Executive Officer Ms Hwang Yu-Ning and Ocean Geographic Founder Mr Michael Aw.

from Antarctic Climate Expedition (ACE) 2023 members, OG, and partners, underscoring the threats to the ocean and marine life from the ACE expedition.

Two time capsules were sealed during the ceremony to commemorate the second 10-year partnership between CDL and NParks to continue hosting climate and nature-related exhibitions at the newly refurbished CDL Green Gallery.



*The exhibition will run from June 2023 to March 2024 at the Singapore Botanic Gardens.*

The exhibition takes visitors across five zones:

1. **A Global Climate Emergency: Spotighting the Antarctic** – The perspectives and aspirations that 120 ACE 2023 members are committed to raising awareness for and rallying transformative actions for ocean-focused climate solutions.
2. **An Urgent Call for Collective Action: A Blue and Green Planet** – Key learning highlights from ACE 2023 to illustrate the interconnectedness between the blue and the green economies.
3. **Local Action: Marine Conservation in Singapore** – Exemplifies what each state actor, the public and private player can do, including NParks' commitment to marine conservation and efforts to enhance coastal resilience.
4. **CDL's Climate Action: Advancing A Low-Carbon and Resilient Built Environment** – CDL's pioneering sustainability efforts and track record in the race towards Net Zero Carbon.
5. **The Remains of the Antarctic 2023: Splendour and Hope** – Showcases breathtaking photos and videos

Letters were stored in the time capsules; one capsule will be opened in 2050, the year most nations and companies have pledged their net zero targets against, and the other in 2099, marking the end of the 21<sup>st</sup> century. The letters reflect the worries and wishes of the ACE expedition members and officiating guests at the ceremony.

*"As we celebrate our 60<sup>th</sup> anniversary this year, sustainability remains our priority in the face of the global climate emergency. It is our wish that you, our guests, and visitors from all parts of world will leave the exhibition feeling empowered and inspired to effect change in their everyday lives, at work, at home or at play, and that no act is too small. Time is ticking, and every action counts towards the collective efforts needed to save our planet. A green ecosystem is only possible with the blue economy. As Dr Earle aptly stated – "No Water, No Life. No Blue, No Green."*

– **Mr Kwek Eik Sheng, CDL Group Chief Operating Officer**

To extend outreach, CDL created a virtual exhibition to allow overseas visitors to tour the exhibition online [here](#). •

# Global Launch of International Sustainability Standards Board (ISSB) S1 and S2 Standards

The ISSB launched its S1 and S2 standards, in hopes to provide a baseline alignment and foundation of sustainability reporting disclosures for global adoption



**IFRS S1:** General Requirements for Disclosure of Sustainability-related Financial Information

**IFRS S2:** Climate-related Disclosures

26 JUNE 2023 – The International Sustainability Standards Board (ISSB) launched the ISSB S1 and S2 sustainability standards, marking a milestone in the history of sustainability reporting. The standards provide a comprehensive global baseline and foundation of disclosures for global jurisdictional adoption, a common language for comparable, decision-useful disclosures, and are designed to meet investor needs across global capital markets. The standards also allow inter-operability amongst selected frameworks. S1 and S2 consolidate the TCFD, CDSB, SASB and IR standards and are also working with GRI on a two-pillar approach. CDL's 2023 ISR has created and adopted the two-pillar framework. CDL is well-placed to report according to S1 and S2, in line with our blended reporting framework since 2015. With CDL's extensive reporting experience in TCFD and CDSB, SGX invited CDL to share our TCFD reporting experience at the ASEAN Capital Markets Forum (ACMF)-ISSB Joint Conference and Technical Training on the IFRS



Sustainability Disclosure Standards in Singapore from 27-28 June.

As part of the ACMIF-ISSB forum, a learning journey to the CDL Green Gallery was organised for delegates from the ASEAN region on 28 June 2023. Comprising a diverse mix of corporates and regulators, more than 40 attendees learnt about the climate change narrative through the gallery's latest exhibition, "Melting Ice, Sinking Cities: An urgency to change the present and save humanity."

The attendees learnt more about the threats of rising sea levels to numerous cities, including those in the region. They also gained an understanding that sustainability integration is critical for business resilience, and that robust sustainability reporting helps companies to mitigate and adapt to such climate threats. •



ASEAN Capital Market Forum delegates, led by MAS Director Ms Abigail Ng, enjoyed the tour at the CDL Green Gallery on 28 June 2023.



# Youth4Climate Global Conversations #10: Mission Green & Blue for a Net Zero Future

Inspiring sharing by legendary Dr Sylvia Earle and four youth eco-champions on catalysing change for a sustainable future



*Special guest, Dr Sylvia Earle (1<sup>st</sup> panellist from left), highlighted the importance of ocean conservation and the connection between the Blue and Green economy during the “Mission Green & Blue for a Net Zero Future,” panel discussion.*

24 JUNE 2023 – In the 10<sup>th</sup> edition of the Youth4Climate Global Conversations, titled “Mission Green & Blue for a Net Zero Future”, CDL brought together an exciting panel of eco-champions to share their insights and experiences in catalysing change for a sustainable future.

Hosted by CDL CSO, Ms Esther An, the panel featured the legendary Dr Sylvia Earle, world renowned marine biologist and oceanographer; MJ Bio Girl, Co-founder of Just Keep Thinking; Mr Yasser Amin, Chief Officer of Stridy; Ms Jessica Novia, Co-founder and Chief Impact Officer of CarbonEthics; and Ms Sam Shu Qin, Co-founder of Our Singapore Reefs.

The panelists shared their experiences on engaging children on green topics, youth efforts to protect mangroves and coastal areas in the region, impact of

waste on our environment, and on restoring coral reefs in Singapore and the Southeast Asia region.

Youths were also invited on an exclusive tour of the “Melting Ice, Sinking Cities” climate action exhibition at the CDL Green Gallery after the panel, to discover what they can do to drive climate action. •



*Tour of the CDL Green Gallery after the panel discussion.*



# Antarctic Climate Expedition 2023: Reflections from the Tropics

**An educational voyage of 121 passionate global citizens from 20 countries to the Antarctic**



*The panel discussion was moderated by CDL's CSO, Ms Esther An (right) at the Singapore Sustainability Academy.*

8 JUNE 2023 – To celebrate World Ocean Day 2023 and to continue to provide a platform for conversations about the interrelationship between the health of our ocean and planet, CDL hosted “Antarctica Climate Expedition 2023: Reflections from the Tropics” at the Singapore Sustainability Academy. The once-in-a-lifetime expedition of Antarctic Climate Expedition (ACE) Singapore ambassadors was spotlighted as they traversed across the Antarctic and learned about the impact of climate change on our ocean and polar regions. The panel discussion featured nine Singaporeans of diverse backgrounds who spoke on their experiences of the educational voyage – Mount Elizabeth Medical Centre’s Consultant Cardiothoracic Surgeon, Dr Saw Huat Seng; Urologist and Former CEO of Sengkang General Hospital, Dr Chris Cheng;

Sengkang General Hospital General Surgery Chief, Breast Service and Senior Consultant, Dr Benita Tan; Just Keep Thinking founders, Ms Man Jing Kong and Mr Raye Ng; Ocean Geographic Society Vice President of Communications, Ms Janel Kok; White Room Studio founder and Creative Director, Ms Elaine Lim; and the youngest ACE ambassador, Ms Hillary O'Sullivan.

The session also included a special sharing by Mr Michael Aw, Founder of Ocean Geographic, as he shared on the past, present and future of Antarctica. The event concluded with two key take-away messages: what happens in our polar regions will affect our ocean and the rest of the world and everyone can play a part in turning hope into reality, and action into positive impact. Watch the recording of the session [here](#). •



*Dr Chris Cheng (pictured above) created 11 watercolour paintings to reflect the beauty of Antarctica's natural landscape and biodiversity over 11 days of the expedition.*

# Building a City in Nature – Greening the Built Environment and Communities

**World Green Building Council, Singapore Botanic Gardens and CDL discuss the importance of collaborative efforts in identifying opportunities to build resilience and nature, cities and communication**



*“Building a City in Nature – Greening the Built Environment and Communities” panel and attendees posing for the camera at Ridley Hall at Singapore Botanic gardens.*

28 JUNE 2023 – As the world tackles a climate emergency that threatens the survival of humanity, leading economies, countries and organisations have pledged towards a Net Zero carbon goal over the next few decades. Rapid urbanisation and intensified climate change will require urgent and concerted efforts by stakeholders across borders and sectors to develop climate-resilient buildings while safeguarding the natural environment. In view of this, CDL hosted “Building a City in Nature – Greening the Built Environment and Communities”, in partnership with World Green Building Council (WorldGBC) and Singapore Botanic Gardens (SBG).

The session opened with a sharing by WorldGBC CEO Ms Cristina Gamboa, on the topic “WorldGBC: Building the Transition, the Global Perspective” where she shared insights on the current built environment landscape. This was followed by a presentation by SBG Director Dr Tan Puay Yok, who shared about the topic “Greening Towards a City in Nature and Sustainable Community”.

Moderated by CDL CSO, Ms Esther An, the panel discussion with Ms Gamboa and Dr Tan covered three broad areas – The Global Perspective: Race to Zero; The Sustainable Built and Urban Environment; and A Harmony Between Nature, Buildings and People. After the panel discussion, a short interactive Q&A ensued, followed by some

light refreshments and networking. Attendees were also invited to visit the newly opened “Melting Ice, Sinking Cities” Climate Action Exhibition at the CDL Green Gallery just a few steps away.



*The engaging panel was Moderated by CDL CSO, Ms Esther An (left), alongside WorldGBC’s Ms Gamboa and SBG’s Dr Tan.*

The world must undergo a transition to ensure better outcomes for nature and people, and this transition requires a systemic transformation across all sectors. The importance of collaborative efforts among public and private stakeholders across borders cannot be understated. •



### PARTNERSHIPS & ENGAGEMENTS

# CDL-GCNS Young SDG Leaders Award 2023 Case Company Briefing

**Championing sustainable development and SDG integration in businesses and youths**



25 APRIL 2023 – Launched in 2011, the CDL-GCNS Young SDG Leaders Award is an annual case competition for youths to champion the SDGs and ideate innovative business solutions for a more sustainable planet. It is jointly organised by CDL and Global Compact Network Singapore (GCNS), and also supported by the Ministry of Sustainability and the Environment.

The 13<sup>th</sup> CDL-GCNS Young SDG Leaders Award case company briefing welcomed 10 participating companies, as well as past winners of the competition. Participating companies for this year's competition include dsm-firmenich, Quest Ventures, ANZ, TES-AMM, LGT Bank, Uniseal, The Global Citizens, DBS, Matex and KPMG.

GCNS Executive Director, Ms Esther Chang, delivered the welcome address, and shared the background of the competition and how companies can help to advance the SDG goals. CDL CSO, Ms Esther An shared on the objective, history and vision of the competition, the impact created from the initiative, and how case companies can benefit from the collaboration. This was followed by a sharing from a past winning student team from Dunman High School who provided tips to case companies on engaging with their student teams and closed off with a Q&A and networking session.

Through this annual initiative, we hope to offer young people a platform to drive positive change towards a more sustainable future for all. •



# My Tree House “We Love Our Planet” Storytelling Contest 2023

The 4<sup>th</sup> edition of CDL’s storytelling contest in celebration of World Environment Day 2023



23 MAY 2023 – Themed “Say No to Waste!”, this year’s edition of the My Tree House “We Love Our Planet” Storytelling Contest was jointly organised by CDL and NLB, in celebration of World Environment Day 2023 and in support of its theme to #BeatPlasticPollution.

This annual initiative continues to encourage family bonding through storytelling and home video production, while aiming to unearth young eco champions and their families to develop their love for nature and to take action to protect our planet.

CDL and NLB also organised an eco-storytelling workshop, “Storytelling @ Toa Payoh Public Library”, on 16 June 2023. Hosted by Ms Vidhya Rajagopal, Librarian (Children and Teens) at NLB, the event featured a storytelling demonstration and tips by Ms Rajagopal and closed with a sharing segment by 2022 contest winners: Naira Chawla, winner of the Upper Primary Category, and Team Food Rescue, first runner-up of the Family Category.

Participants submit their videos online and go through the first round of judging before shortlisted finalists can

present their storytelling in-person at CDL’s Singapore Sustainability Academy to a panel of judges. Finalists were also featured in a commemorative video that was released in August 2023.



*Winners of My Tree House “We Love Our Planet” Storytelling Contest 2022 sharing tips and tricks with the audience for scoring well on this year’s competition.*

In this global race towards net zero, we need all hands on deck to accelerate action against climate threats. CDL has always believed in engaging and empowering youths, no matter how small. •

# NTU-SDG Open Hack SG with Global Green Economic Foundation (GGEF)

CDL's 2<sup>nd</sup> year partnership engaged 400 Youths to bolster entrepreneurial spirit for ESG



*Certification Presentation for the SDG Open Hack! SG at SSA with CDL CSO, Ms Esther An.*

13 MAY - 15 JULY 2023 - Continuing our support for GGEF SDG Open Hack! Singapore this year, CDL sponsored the prize\* of a six-month rent free space at the Incubator for SDGs located at Republic Plaza. Organised by the Global Green Economic Foundation (GGEF) with CDL as one of the main corporate sponsors alongside Global Green Connect and Market for Good, the event took place at the Singapore Sustainability Academy (SSA). Youth teams from different institutes of higher learning such as Ngee Ann Polytechnic, Nanyang Technological University, National University of Singapore and the Social Impact Catalyst participated in the Open Hack.

The SDG Open Hack! SG aims to encourage tertiary students to solve societal and/or environmental issues, by way of the 17 UN SDGs while also hoping to foster innovation and entrepreneurship, among other skills. The event took place in two rounds, where the first round saw students creating innovative solutions with their mentors within the timeframe of 24 hours in their campus. In the second round, the top eight teams, each team coming from different institutions, came together for the grand finale and presented their innovative solutions to the final judging panel, which included

partners from the Open Geneva, Global Green Connect, CDL, Maybank and China Management Science Society.

The projects showcased not only knowledge excellence but also a deep understanding of the complex issues we face as a global community. Their ability to leverage resources, research, and creative thinking to develop solutions with real-world impact through this SDG experiential learning was commendable.

\*In addition to gaining six rent-free months at the Incubator4SDGs, each of the three winning teams received the following prizes:

- **Most Investable Solution** – Acceptance to the SMU Institute of Innovation & Entrepreneurship's (IIE) Business Innovations Generator (BIG) Incubation Programme
- **Most Innovative Solution** – Bali Sustainability Experiential Learning Trip
- **Most Impactful Solution** – Summer SDG programme in Geneva for four weeks

The event highlighted the spirit of innovation and the important role youths play in pushing for a greener and more inclusive environment for future generations. •



## 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 Q2 2023, the SSA welcomed over 1,300 in-person attendees. •

### SSA HIGHLIGHTS: 1 April – 30 June 2023



*The session's attendees comprised a diverse range of nationalities from across Europe.*

#### University of St Gallen Asia Compact Course

11 April 2023

CDL hosted Switzerland's University of St Gallen students at the SSA with an insightful sharing by CDL CSO, Ms Esther An on the topic "Embracing Nature for a Sustainable and Resilient Future: A Case Study on CDL." The session also included an engaging Q&A session about CDL's sustainability strategy, Singapore's sustainability landscape, and the gaps that needed to be addressed globally. •

#### SG Sustainability Professionals Meet Up X Earth Day

21 April 2023



*50 sustainability professionals gathered at the SSA for the event.*

In celebration of Earth Day, Seastainable Founder, Ms Samantha Thian along with sustainability consultant and communicator, Ms Qiyun Woo organised an informal gathering of sustainability practitioners in Singapore at the SSA, providing a platform to connect those who wanted to learn more about the sustainability space and those who were already more established in their green journey. •



*Representatives from CDL and GCNS after the briefing at SSA with 10 case companies.*

#### CDL-Global Compact Network Singapore (GCNS) Young SDG Leaders Award Case Company Briefing

The 13th CDL-GCNS Young SDG Leaders Award case company briefing welcomed 10 participating companies and winners from the 2021 competition. GCNS Executive Director Ms Esther Chang, CDL CSO, Ms Esther An and a past winning student team from Dunman High school gave insightful sharings, before closing off with a question-and-answer followed by a networking session. •



## Singapore Youth for Climate Action (SYCA): A Discussion on Ecocide – Singapore

30 April 2023

Hosted at the SSA, SYCA's event comprised small-group discussions that introduced the global movement on ecocide. The discussions revolved around the applicability to Singapore's context and the surrounding region. •



*Participants had a fruitful session from the insightful sharing that took place.*



*The course was attended by about 30 youths at the SSA.*

## Youth Expedition Project Leaders (YEPLTC's) Training Course

6, 7 May 2023

The YEPLTC prepares the next generation of leaders to lead teams with an ethos of service-learning, which puts humility into leadership. •

## Singapore Green Building Council (SGBC) Seminar: Enhancing Energy Efficiency – Wising Up to Smart Technology with IoT

In this SGBC seminar organised in collaboration with education partner UnaBiz, attendees learned how to augment sustainability performance with IoT, artificial intelligence and everything in between. In addition to learning about the smart technologies that can be applied to the built environment, they were taught how to understand applications through three varied case studies by SGBC Members. •



*80 invited participants attended the SGBC event.*



*35 youths participated in the final review.*

## Secondsguru's 8<sup>th</sup> Zero Waste Bootcamp (ZWB) Final Review

13 May 2023

In the Final Review event of the 8th edition of the ZWB, youth teams shared their key achievements and takeaways from their 12- to 16-week journey working on their projects. Their presentations will be assessed by an esteemed panel of judges and awards will be given to the project with the best execution. •

## Animal Concerns Research and Education Society Birthday (ACRES) Luncheon

ACRES celebrated its birthday through a gathering with their donors and partners. The event featured welcome speeches by ACRES Co-CEOs, who shared about ongoing initiatives and future plans, as well as games and a question-and-answer session with the guests. It concluded with a vegan lunch and networking session. •



*Participants listening attentively to the speeches.*



*The workshop saw 39 attendees.*

## CIX-GCNS Carbon Emissions and Carbon Credits Fundamentals Workshop

24 May 2023

Climate Impact X partnered with the UN GCNS to share practical insights and strategies on how to measure, manage and compensate carbon emissions. Participants were able to understand the benefits of reducing emissions for business, learn the basics of carbon emissions accounting, measure carbon emissions with GCNS' Carbon & Emissions Recording Tool (CERT), learn how to address residual emissions through responsible use of carbon credits, gain knowledge about carbon credits, and how to source for credible carbon credits. •

## GCNS Foundations in Corporate Sustainability Course

18, 19, 26 May 2023



*32 professionals attended the course held at SSA.*

The UN GCNS' "Foundations in Corporate Sustainability" is an introductory course for working professionals, which provides an overview of global and regional sustainability trends and an understanding of how sustainability can be applied to improve business practices and enhance existing work functions. •



30 SYVB participants posing for a picture.

## Singapore Youth Voices for Biodiversity (SYVB): Understanding Land-Use and Conservation in Singapore

Hosted by the SYVB, this workshop aimed to provide a broad overview of developments throughout the history of Singapore, and offered a glimpse into the planning and decision-making processes that go into developing Singapore's wild spaces. SYVB raised awareness on development processes as a whole and gained insights from the participants' discussions. •

## International Financial Reporting Standards – Fundamentals of Sustainability Accounting (IFRS-FSA) Event with ISSB Board Member Mr. Hiroshi Komori

In this closed-door session, Mr. Komori provided a presentation on IFRS Sustainability Disclosure Standards (IFRS S1 General Requirements for Disclosure of Sustainability-related Financial Information and IFRS S2 Climate-related Disclosures). The event also provided an opportunity for guests to ask questions relative to the framework and give open feedback about their own experiences in an engaging discussion. •



40 participants attended the closed-door session.



Participants engaging in the A4S workshop.

## Accounting for Sustainability (A4S) Net Zero Workshop

8 June 2023

Global non-governmental organisation, A4S hosted a workshop titled 'The role of finance in operationalising net zero targets'. The session highlighted why sustainability matters to finance and the role finance can play to drive action; key areas and steps that participants can take to support the strategies and plans to achieve net zero targets at their organisations; introduced the Task Force on Climate-related Financial Disclosures (TCFD); gave an overview of the evolving reporting landscape; and identified key actions participants can undertake. •

## Antarctica Climate Expedition 2023: Reflections from the Tropics

8 June 2023

On World Ocean Day, CDL hosted "Antarctica Climate Expedition 2023: Reflections from the Tropics" at the Singapore Sustainability Academy, which spotlighted the once-in-a-lifetime expedition of ACE Singapore Ambassadors as they traversed across the Antarctic and learned about the impact of climate change on our ocean and polar regions. Featuring nine diverse passionate citizens who spoke on their experiences of the educational voyage, the session also included a



ACE Ambassadors giving an insightful sharing.



special sharing by Mr Michael Aw, Founder of Ocean Geographic, as he shared on the past, present and future of Antarctica. •



## SYCA: Keeping Up With Climate Policy 2: Part 1

11 June 2023

The second series of SYCA workshops aim to make local environmental policy more accessible for youths, and is open to anyone regardless of their level of experience in environment work. •

## Epson ESP – Sustainability Project Impact Kick-off Workshop

12, 13 June 2023

Global Green Connect Consulting hosted the Epson SEA FY2023 Sustainability Project Kick-Off Meeting at the SSA with their regional and country teams. The two-day session covered icebreakers, stakeholder activation, project impacts, materiality, and sustainability goals and actions. •



18 attendees listening attentively.



14 communications professionals attended.

## Sandpiper Communications: Voice Your Vision

14 June 2023

The event was one of a series of 3-hour pro-bono communications training session that Sandpiper Communications hosted for NGOs and not-for-profits across the region, including in Singapore, Hong Kong, Bangkok, Jakarta, Manila, Kuala Lumpur, Auckland, Beijing and Shanghai. Topics covered include: communications challenges faced by NGOs in APAC; building effective messaging and storytelling; understanding the audience; understanding the media landscape in Singapore; social media; measuring outcomes; and role-playing as a team. •

## Keep Clean Singapore Closing Event – Clean It Forward Conversation with Youths

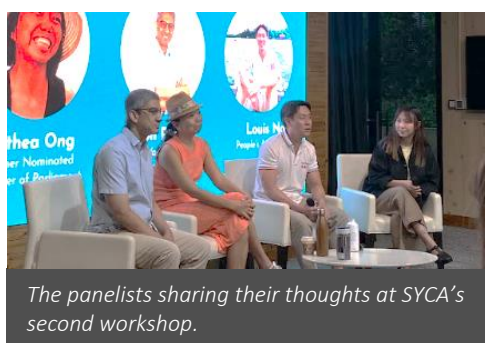
17 June 2023

Jointly organised by Public Hygiene Council and the National Environment Agency, this closing event was graced by Guest-of-Honour Senior Minister of State Dr Amy Khor, and featured sharings by Youth Action Group and Young ChangeMakers. The Clean It Forward Conversation between the GOH and youth reps was moderated by Public Hygiene Council's Youth Action Group Co-chair, which was followed by



Held at the SSA, the event welcomed 80 attendees.

an open conversation with the participants of the session and an open mic call for participants in public cleanliness projects. •



## SYCA – Keeping Up with Climate Policy 2: Part 2

18 June 2023

The second part of this workshop provided an opportunity for students in Singapore to hear from some of Singapore’s Members of Parliament (MP) on how they incorporate sustainability and climate action into domestic and international policies, and learn about how youths can play a role in strengthening Singapore’s environmental policies and be the generation to support the nation’s transition towards net zero. The panellist discussion featured Members of the Singapore Parliament Mr Louis Ng and former MP Mr Leon Perera, and former Nominated Member of Parliament Ms Anthea Ong. •

## UN Global Compact Network Singapore (GCNS) Carbon Account and Greenhouse Gas (GHG) Management Course #2



Key to a Low-Carbon Future is a professional certificate course about the global transition to a low-carbon energy system offered by UN GCNS as one of the Enterprise Sustainability Programme decarbonisation courses. It is intended to upskill company staff in carbon accounting and GHG management – whether they are at a beginner level or are already fairly experienced in the subject. •



## Fauna & Flora International Asia-Pacific Marine Learning Exchange

24, 25, 26 June 2023

This event brought together Fauna & Flora International marine staff from across Asia-Pacific to discuss learnings and brainstorm solutions to the challenges they faced. •

# THOUGHT LEADERSHIP SPEAKING ENGAGEMENTS IN Q2 2023

4 Apr | WBCSD ASEAN TNFD Consultation Group Session

5 Apr | EP100 Peer-to-Peer Learning Forum

11 Apr | St Gallen Asia Compact Course

12 Apr | INREV, ULI & UNPRI Mapping ESG Launch

19 Apr | EDB / Green is the New Black Founders Forum Asia

21 Apr | Boston Consulting Greentech Day: Corporate Climate Action Asia Media Roundtable

27 Apr | ULI's Nature-Positive Webinar

8 May | Atlas Capital Climate Tech Day

9 May | The Vanguard Network ESG Community Exchange Roundtable

16 May | S&P Global Sustainable Summit

17 May | ESNB Side Event: Accelerating climate action in APAC for sustainable development

23 May | Reuters Responsible Business Asia

24 May | UNEP FI's Regional Roundtable Asia Pacific

24 May | City of London Corporation Net Zero Delivery Summit

31 May | ULI APAC Summit

5 Jun | LinkedIn Lead Singapore The Time is Now: Transforming Talent for the Green Economy

5 Jun | UN ESCAP & Amazon Web Services SDG Innovation Leaders Forum

8 Jun | EP100 Asia Action Summit

13 Jun | NUS Business School – MBA Class on Managing Change

27 Jun | AI Club Asia AI 101 Series: Women in AI Special Edition



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