

Sustainability is at the core of everything we do

CapitaLand Investment Limited

Presentation at SGX Green Field Trip

28 November 2022

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A leading global listed real estate investment manager with strong presence in Asia

S$130B	S$17.7B	S$86B	6	>20	>10,000	>260
Real estate assets under management	Market capitalisation on Singapore Stock Exchange	Funds under management	Listed REITs and business trusts	Private vehicles	staff globally	Investment and asset management professionals globally



Global footprint. Deep roots in Asia

- ~91% of real estate assets under management in Asia
- Strong local expertise in core markets such as Singapore, China and India

Structured for focused growth and sustainable returns

3 Synergistic growth drivers

- Fund management
- Lodging management
- Capital management

Development partnership and assets pipeline with CapitaLand Development via the One CapitaLand Ecosystem

Long-standing diversified real estate expertise

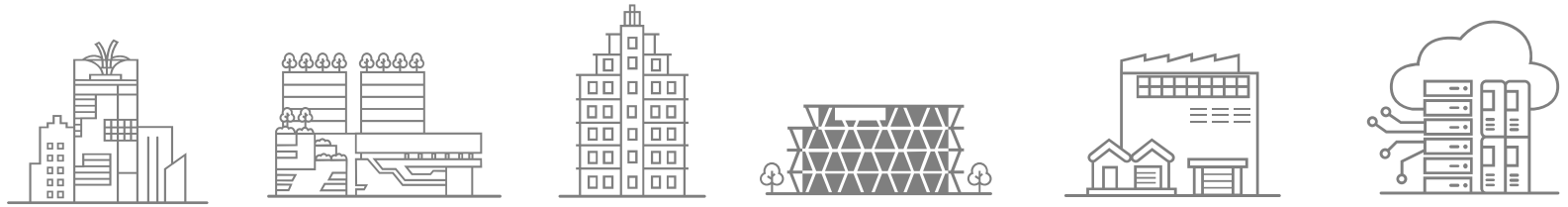
Full stack investment and operating capabilities across multiple real estate asset classes:

- Office
- Retail
- Lodging
- Business parks
- Industrial and logistics
- Data centres

Figures as at 30 September 2022

A Well-Diversified Global Portfolio With Strong Presence In Asia

More than **200 cities** in over **30 countries**, with long-standing real estate experience in core markets of Singapore, China and India



		Office	Retail	Lodging	Business Parks	Industrial and Logistics	Data Centres
CLI's 3 core markets	**Singapore**	●	●	●	●	●	●
	China	●	●	●	●	●	●
	India			●	●	●	●
CLI's 3 focus markets	**Australia, Japan and South Korea**	●		●	●	●	●
CLI's other key markets	**Europe and USA**	●		●	●	●	●

As at 30 September 2022

CapitaLand has been a sustainability first mover

20 years from the formation of CapitaLand and counting...

2000

CapitaLand started environmental & philanthropic activities reporting

2006

CapitaLand Green Committee formed, which spearheaded Groupwide initiatives globally & established environment & social key performance indicators

2010

First Singapore listed company to publish a Global Sustainability Report (GSR) (FY2009) referencing **Global Reporting Initiative (GRI)**

2011

External assurance of annual GSR (FY2010)

2013

External assurance elevated to **AA1000 Assurance Standard**

2015

Became signatory to **United Nations Global Compact**

2017

Pledged support for **Task Force on Climate Related Financial Disclosures (TCFD)**, providing disclosures of 4 TCFD pillars in GSR (FY2016)

2018

Obtained 1st & largest Sustainability-Linked Loan in Asia

2019

Appointed as member of **ASEAN GRI Consortium**

2020

Launched **CapitaLand 2030 Sustainability Master Plan**

Launched **CXSC** – 1st global sustainability innovation platform by a real estate company

2021

Implemented **an internal carbon price**

CapitaLand Sustainability X Challenge (CSXC)
- Piloted 6 selected innovations at CapitaLand properties

Launched **S$50 million CapitaLand Innovation Fund** for sustainability & other high-tech solutions

Secured **S$7 billion** through **sustainable financing**

Science-based targets approved

Integrated the **Environment, Health, & Safety Impact Assessment** for all new investments

2022

Committed to **Net Zero by 2050**

Held 2nd edition, **CSXC 2022**
- Chosen 10 innovations for piloting at selected CapitaLand properties

Logistech, Singapore

We are aligned to key international frameworks, and have consistently featured in globally renowned indices

International Standards & Guidelines

Annual CLI Global Sustainability Report adopts Global Reporting Initiative reporting framework & prepared in accordance with Standards: Core option

Applies guiding principles of International Integrated Reporting Framework, ISO 26000:2010 Guidance on Social Responsibility, & references UN Sustainable Development Goals (**UN SDGs)**

References real estate sector-specific standards

Signatory to **UN Global Compact** & committed to 10 principles

Participates in annual **CDP** (Carbon Disclosure Project) Climate Change Programme & carbon footprint calculated in accordance with Greenhouse Gas (**GHG**) Protocol[1] (operational control approach)

Aligned climate disclosures with Task Force on Climate-related Financial Disclosures (**TCFD**) in four key areas of governance, strategy, risk management, & metric & targets.

Member of Dow Jones Sustainability Indices Powered by the S&P Global CSA

- Dow Jones Sustainability World Index for 10th consecutive year
- Dow Jones Sustainability APAC Index for 13th consecutive year
- 1st and longest standing company in Singapore to be listed

MSCI ESG RATINGS AAA

2021 MSCI ESG Leaders Indexes Constituent

- MSCI World ESG Leaders Index for 8th consecutive year
- MSCI World Socially Responsible Investment Index for 8th consecutive year

Sustainability Yearbook Member 2022

S&P Global

- Constituent for 13th year
- 1st and longest standing company in Singapore to be listed

GLOBAL 100 by Corporate Knights

- Constituent for 10th year

GRESB ★★★★★ 2022

- 5-star rating for 7 years & achieved A for Public Disclosure

FTSE4Good

- Constituent for 9th consecutive year

Carbon Clean 200™ by Corporate Knights & As You Sow

- Constituent for 4th year

[1] Developed by World Resources Institute & World Business Council for Sustainable Development, which sets global standard on how to measure, manage & report greenhouse gas emissions

Creating value and alignment to United Nations Sustainable Development Goals (UN SDGs)

We prioritise 8 of the 17 UN SDGs on which our Group can achieve the greatest positive impact and with which our 2030 Sustainability Master Plan targets are aligned



CLI's 2030 Sustainability Master Plan Framework is our strategic blueprint to guide our ESG efforts

ENVIRONMENT

BUILD

Low Carbon Transition

Science-based targets validated by SBTi

- Carbon emissions intensity[1] by 78%
- Energy consumption intensity[1] by 35%
- Renewable energy consumption by 35%

Water Conservation & Resilience

- Water consumption intensity[1] by 45%

Waste Management & Circular Economy

25% recycling rate in daily operations
Divert 75% construction waste from landfill

100% Green Certification

SOCIAL

ENABLE

Healthy & Safe Buildings

Target 0 fatality, permanent disability / major injury

Robust Supply Chain Management

Proactive Customer Relationship Management

Implement green lease
Customer satisfaction

Dynamic Human Capital

Equip employees with future-ready skills
Diverse mix of employees

MARKET LEADERSHIP

ACCELERATE

Sustainable Operational Excellence

Sustainability Innovation & Technology

S$50 million CapitaLand Innovation Fund
CapitaLand Sustainability X Challenge

Sustainable Finance

Tripling the amount of sustainable finance to S$6 billion[2]

1. Reduction targets are relative to 2008 baseline
2. Includes sustainability-linked loans/bonds, derivative products and green financing.

We integrate sustainability in the entire real estate life cycle



#1 Investment

- Align with 2030 Sustainability Master Plan (SMP)
- Conduct Environment, Health & Safety Impact Assessment (EHSIA)
- Include an Internal Carbon Price in the financial evaluation
- Quantify proprietary Return on Sustainability (ROS)

#2 Design, Procurement, Asset Enhancement & Redevelopment

- Design in accordance with CapitaLand Sustainable Building Guidelines
- Testbed innovations
- Focus on reduction of embodied carbon

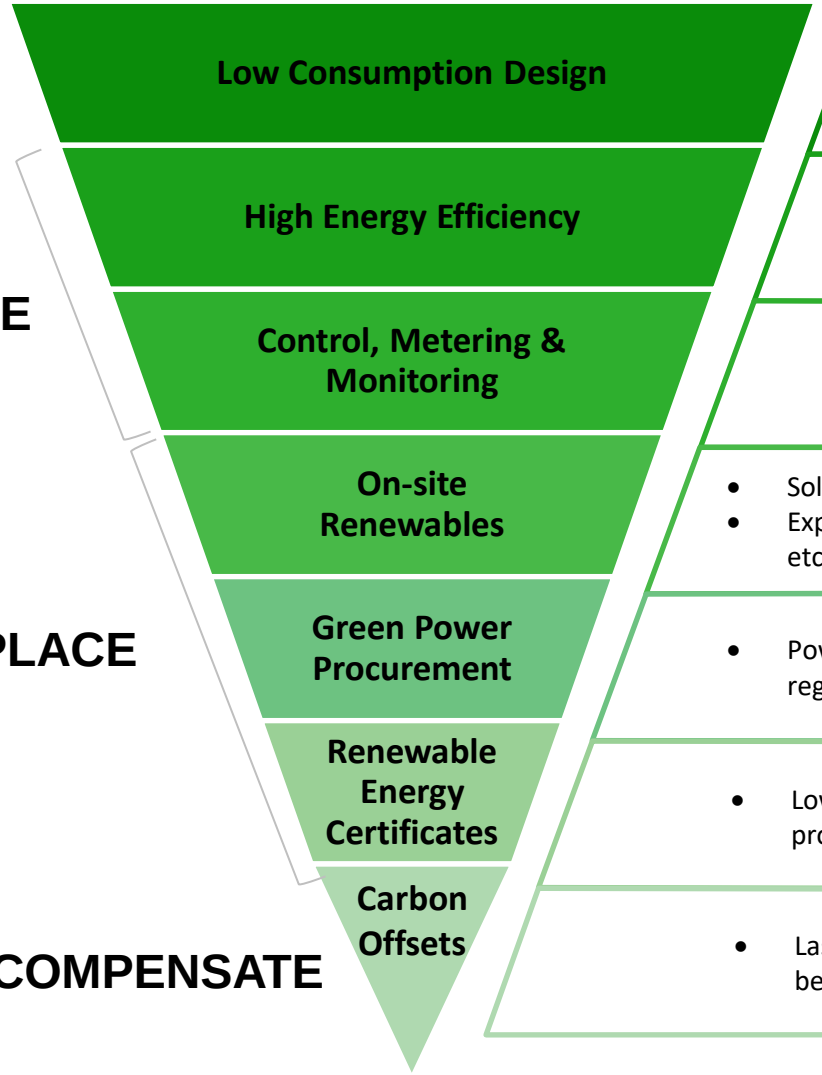
#3 Operations

- Align asset planning with 2030 SMP
- Sustainable operational excellence
- Innovate & collaborate
- Track & evaluate performance through Sustainability Implementation Committee

Sustainability targets included in CLI Balance Scorecard framework & Performance Share Plans

CLI's Carbon Mitigation Hierarchy

Not Exhaustive



- Natural ventilation to reduce cooling demands
- Use of sun shades & cool paints to reduce heat gain
- Use of daylight / light shelves to reduce need for artificial lighting
- Use of low embodied carbon material in construction & fit-outs

- More energy efficient HVAC & lighting equipment
- Zoning of air-conditioning systems; zoned lighting systems
- High-efficiency boilers & heat pumps
- District Cooling Systems in selected properties where feasible

- Intelligent Building Platform (cloud-based; IOT driven) that enables centralised monitoring & data analytics-based insights towards optimising equipment performance
- Sub-metering & motion sensors for centralised monitoring, control & predictive analysis
- Regular energy audits at properties to improve energy efficiency

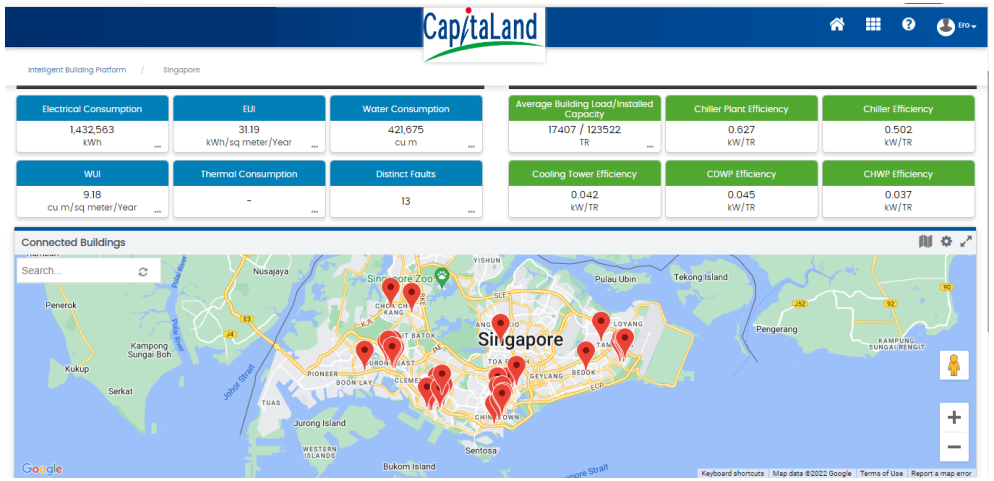
- Solar PVs on building rooftops wherever feasible for on-site renewable energy generation
- Explore & pilot new technologies & innovations like micro-wind turbines, waste-to-energy solutions, BIPV etc.

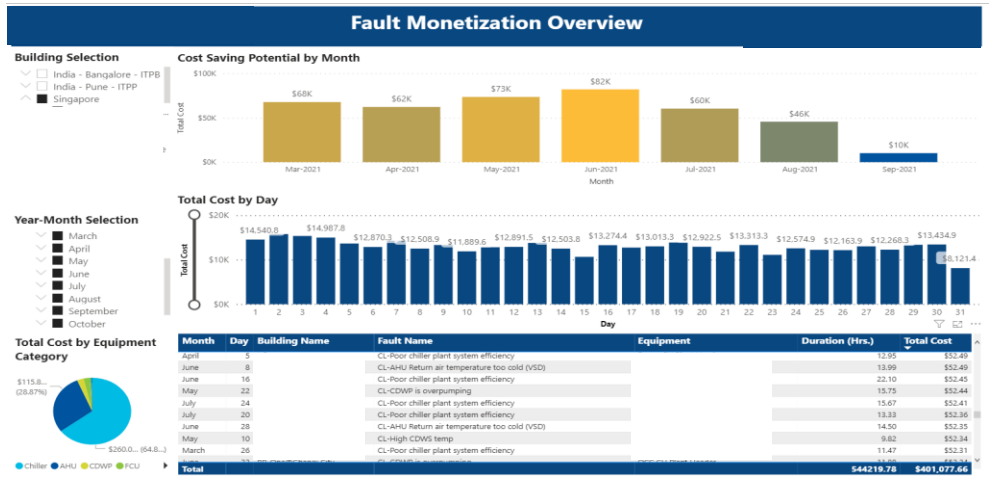
- Power Purchase Agreements with offsite solar & wind farms in geographies where it is technically & regulatory-wise feasible

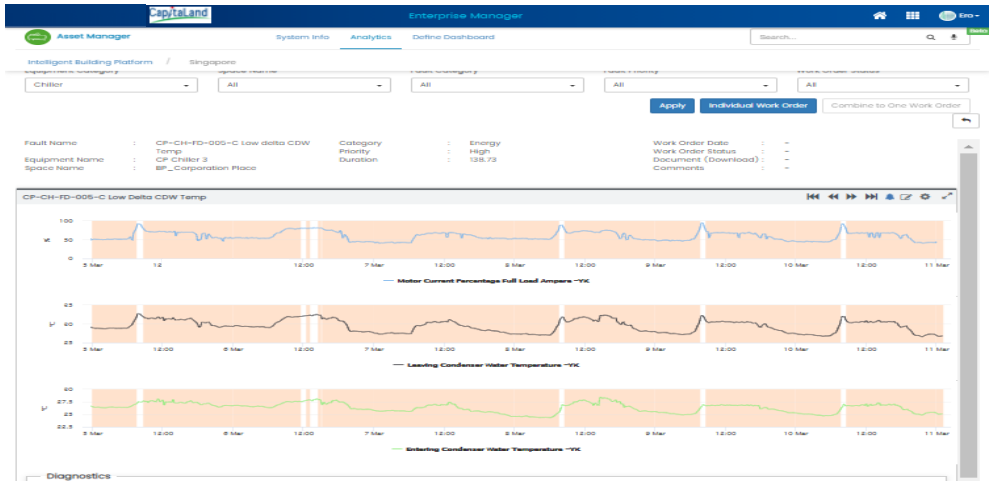
- Lower priority solution only in cases where no further on-site renewable or offsite green power procurement is feasible

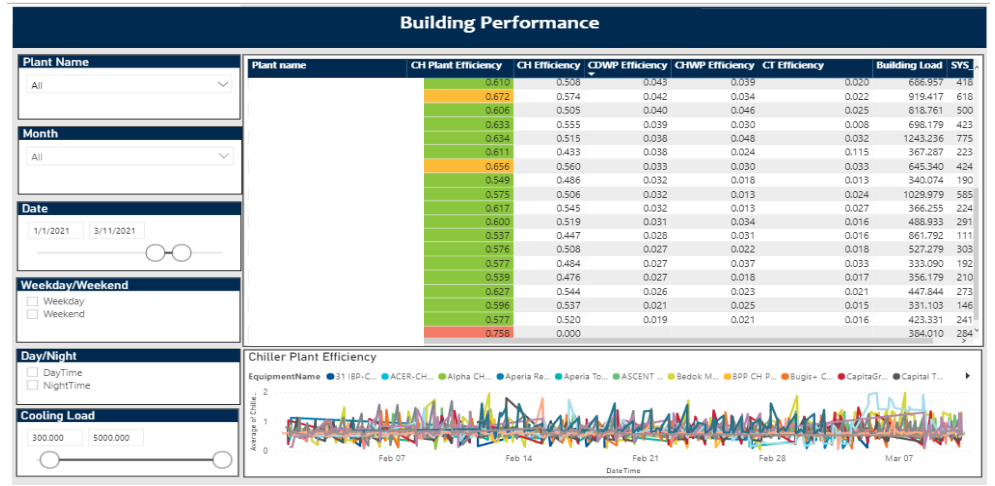
- Last-mile option to address any residual carbon after all direct carbon-abatement initiatives have been exhausted; Quality & governance control of projects to be extremely critical

Digitalization & IoT for optimizing energy consumption









CLI's Intelligent Building Platform

- ✓ Provides central linkage to 44 CapitaLand's building BMSs
- ✓ Centrally monitors key equipment efficiency (e.g., chiller plant)
- ✓ Provides Fault Detection; issue work order faster
- ✓ Running calculation of cost avoidance based on fault monetization
- ✓ 4 concurrent SaaS pilots in the works to compare against IBP

Accelerating renewable energy solutions

Europe

- Ascott's serviced residences in UK and Belgium source 100% of their electricity from renewable energy

- Ascott's serviced residences source 100% of their electricity from an off-site wind farm



India

- On-site generated & purchased solar energy accounted for ~50% of the total electricity consumption by business parks
- Rooftop solar panels totalling 3.1 MW in capacity installed across seven business parks

Carbon avoidance:
19,300 tonnes



Singapore

- >46,000m^2 of rooftop solar panels generating ~11,460 MWh of energy on 11 properties*

Carbon avoidance:
4,450 tonnes



- CLI's corporate office has been powered by 100% renewable energy since 2020

Carbon avoidance:
406 tonnes



* Installation of rooftop solar panels on seven of these properties are in a partnership with Sembcorp Industries

Sourcing globally for new sustainability technologies to pilot and scale through CSXC

CAPITALAND SUSTAINABILITY X CHALLENGE 2021

CONTINEWM® (Japan)



CSXC 2021 Completed Pilot Project

- **Piloted at LogisTech, Singapore (Industrial/logistics building)**
- **Patented ceramic net emitting infrared**
- **Warranty of 20 years**

ACHIEVED

- ↓ **up to 51%** Fan energy usage
- ↓ **up to 16%** Cooling load energy usage
- **Up to 153 kWh/day** Of energy savings across 2 AHUs

Timeline

- **Sep – Nov 2021** Pre-pilot data collected
- **Nov 2021** 50 CONTINEWM® nets installed on 2 AHUs
- **Dec 2021 – Mar 2022** Piloting data collected



- **Pilot at CapitaGreen, Singapore (Office Building)**
- **Unique, chemical-free and electricity-free cooling tower water treatment that maximizes blowdown savings**

Testing

↓ **~3%** energy consumption

↓ **~80%** blowdown water

MOST INNOVATIVE AWARD Climatec Corp (Singapore)



- **Pilot at Creekside 5, Portland, USA (Business Park)**
- **Insulating glass retrofit technology reduces heat gain in building during summer & heat loss during winter**

Testing

↓ **~10%** of energy consumption (for cooling & heating buildings)

HIGH IMPACT AWARD INOVUES Inc (USA)



- **Pilot at Aperia, Singapore (Integrated Development)**
- **Irrigation via transfer of humidity from air to ground**

Testing

>20% irrigation water savings

New Generation Bio Water Saving Stick (Austria)

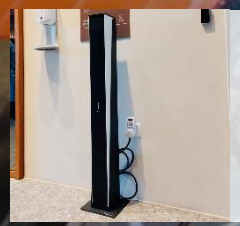


- **Pilot at Six Battery Road, Singapore (Office Building)**
- **Air duct sealing technology using airborne adhesive particles injected into HVAC ducts to seal leaks**

Testing

↓ **~30%** AHU energy consumption

Aeroseal (USA)



- **Pilot at Citadines Rochor (Lodging) & Raffles City (Integrated Development), Singapore**
- **Indoor air disinfection solution**

Testing

↓ **>90%** Virus survivability

LumenAire (Singapore)

Raffles City The Bund, Shanghai, China

Sourcing globally for new sustainability technologies to pilot and scale through CSXC

CAPITALAND SUSTAINABILITY X CHALLENGE 2022

HIGH IMPACT AWARD

CLEANAIR.AI

ALVI CleanAir Safety System™: sensors & active polarisation provide buildings with HEPA-class air quality



To test

Filtration efficiency which removes up to

40X

smaller particulates compared to traditional MERV rated filters

MOST INNOVATIVE AWARD

ENEXOR BIOENERGY



Renewable energy system: converts organic, biomass, or plastic waste into onsite renewable electricity & thermal power while offsetting significant volumes of carbon dioxide

To test

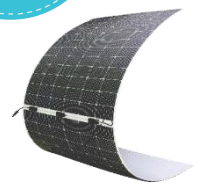
⬇20%

Energy and waste cost

CARBON ACTION HERO AWARD

SUNMAN ENERGY

World's first **glass-free, lightweight & flexible solar panel**, can be used on roofs that are unable to support glass modules for structural reasons



To test

⬇70%

Weight compared to standard glass solar panel with comparable performance

ECOFLOW



Air-compression valve to improve water meter accuracy

To test

⬇30%

Water cost

HYDROLEAP



On-site electro-oxidation to reduce cooling tower blowdown

To test

⬇40%

Blowdown water

LOH AND SONS PAINT CO (IN PARTNERSHIP WITH SOLCOLD)

Nanoparticle material using sunlight for active cooling.



To test

⬇10%

Energy consumption

PASSIVE EDGE TECH



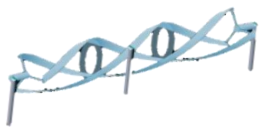
Phase-change material for thermal control and storage

To test

⬇25%

Air-conditioning energy consumption

MAINI RENEWABLES



Efficient micro wind turbine

To test

15,000kWh

Energy generation

SLIDELUVRE



Smart voltaic louvres

To test

⬇15%

Total electricity consumption

WI.PLAT



Intelligent building leak detection system

To test

⬇5%

Water usage

Targets as provided by innovators & CLI is currently working with them to establish the pilot savings targets for the pilots at CapitaLand assets

ION Orchard, Singapore

Promoting in-house innovations from CLI's strong operations teams globally



Smart sensors sprinkler system keep pre-set soil moisture level, includes by plant types at International Tech Park Gurgaon (ITPG)

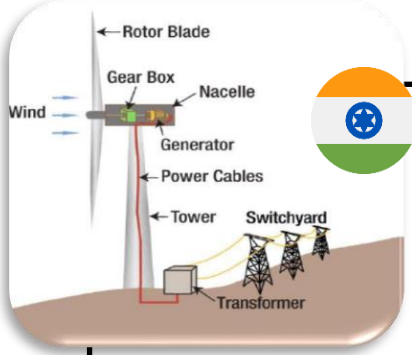
To achieve

6-year ROI Manpower, water, energy savings



Food waste digesters to reduce food waste at 3 locations in Singapore

To test up to **778 tons/year** food waste digested



Micro wind turbines that does not require strong winds & take up 1/3 required space for solar panels at ITPG phase 2

To test **250 kWh/day** energy generation



Using **carbon capture and utilization (CCU) concrete** to reduce carbon footprint of new development in Singapore

To achieve

2,500* CO_2 reduction **tons**



Patented **ceramic net emitting infrared** at Somerset Bencoolen, Singapore

To test up to **30%** energy consumption

*The reduction is between ordinary portland cement grade 40/ grade 60 and PanU Green CO_2 mineralised concrete using CCUS technology, referencing JTC-SGBC Embodied Carbon Calculator.

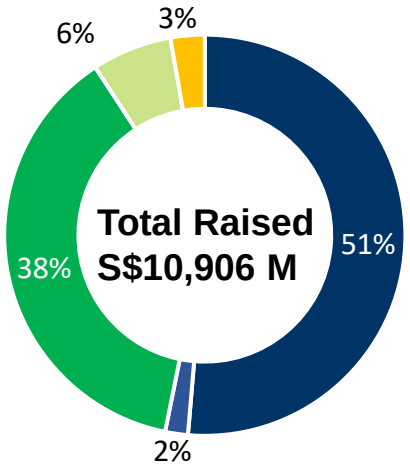
Leveraging sustainable finance for decarbonization

Over S$10B raised in sustainable finance since 2018 by CLI Group including its listed REITs and business trusts.

- **1st** and largest sustainability linked loan in Asia's real estate sector at that time (2018)
- **1st** loan facility agreement referencing Singapore Overnight Rate Average (SORA) in Singapore (2020)

Diverse product types…

- Sustainability-linked Loan
- Sustainability-linked Bond
- Green Loan
- Green Bond
- Green Perpetual Securities



*Available data as of September 2022

…across multiple banks…

ANZ | Bank of China | Bank of East Asia | CACIB | CIMB | DBS | HSBC | JPM | Maybank | Mizuho | MUFG | Natixis | OCBC | Scotiabank | Shanghai Pudong Development Bank | Société Générale | UOB

…pegged to specific targets

- ✓ Performance ratings on global ESG indices like GRESB and DJSI
- ✓ Minimum green building certification level of the underlying portfolio
- ✓ Specific targets for reduction in carbon, energy and water intensities as per SMP 2030

Benefits of Sustainable Financing

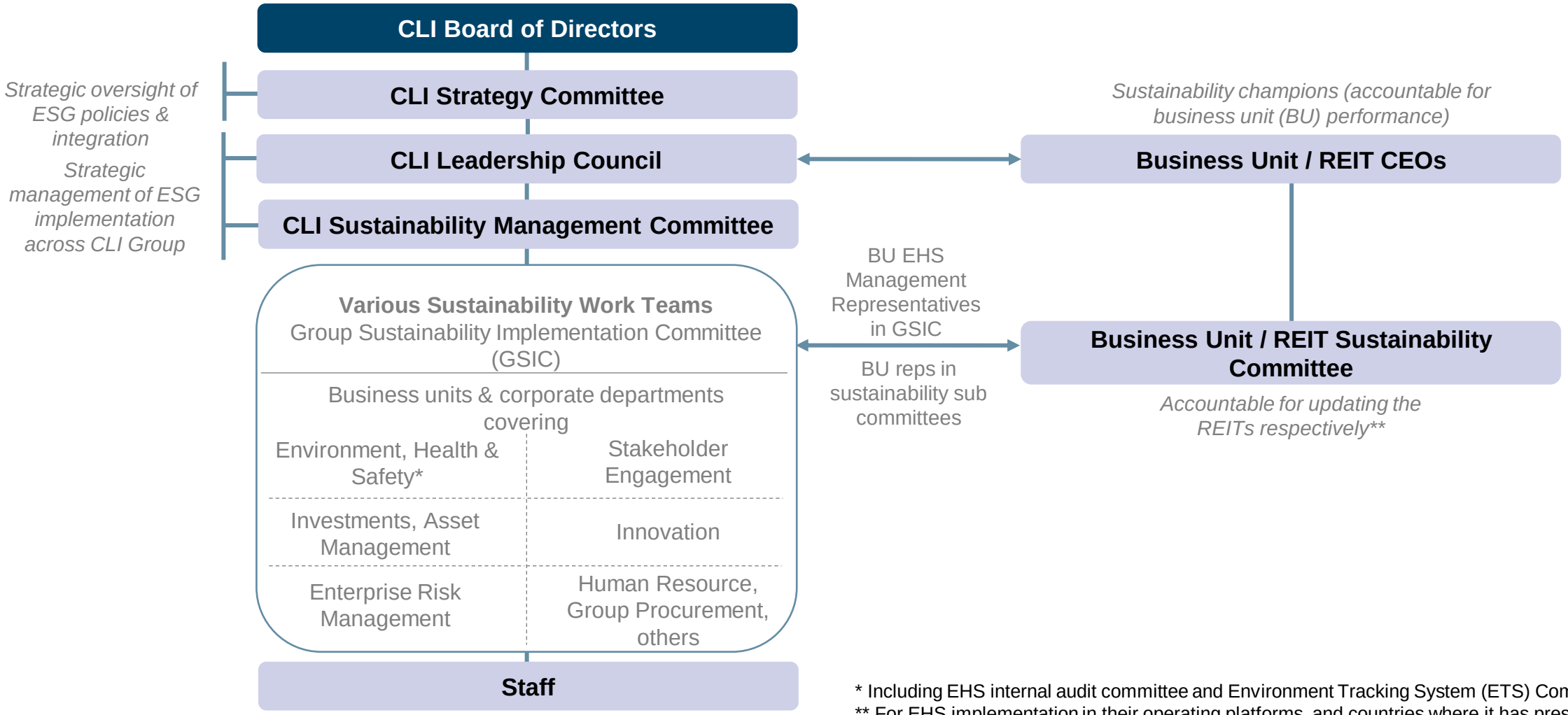
Interest rate savings from SLLs that can be channeled back into decarbonization investments

Expanding and deepening the pool of financing partners across geographies

Demonstrate CLI's sustainability leadership in the industry

CLI has a strong ESG governance structure led by the Board

Sustainability targets integrated into CLI Performance Share Plan & Balance Scorecard framework to determine executive remunerations



* Including EHS internal audit committee and Environment Tracking System (ETS) Committee
** For EHS implementation in their operating platforms, and countries where it has presence

Not Exhaustive

We have developed strong in-house ESG expertise

Corporate HQ: Develop ESG strategy, support execution, and drive thought leadership

15-member dedicated and diverse team comprising subject matter experts on various ESG topics



Vinamra Srivastava
Chief Sustainability Officer

Oversee the formulation and integration of CLI's ESG strategy, policies & best practices into its global business & operations



Foo Peng Er
Head - Strategic Analysis, Reporting & Governance

Benchmark indices & disclosures against international standards & frameworks, validated via external assurance



Darren Teoh
Head – Pvt. Funds Support

Develop & execute ESG strategies for the different PERE & PEAA funds within CLI



Ted Howland
Head – Environment Mgmt & Innovation

Lead innovation & pilot new technologies in CL portfolio & conduct EHSIA assessments for new investments



Seet Choh San
Group Safety Officer

Develop group-wide safety strategy, roadmap, practices, capabilities, & culture



Lynn Lee
Head – Stakeholder Partnerships

Lead engagements & partnerships with external stakeholders & oversee ESG related communication



Chua Boon Bee
Head – Listed Funds Support

Support ESG strategy execution & reporting for all the listed REITs in CLI

Business Units: Lead on-ground execution by adapting locally

- **Investments**: Skills in conducting ESG due diligence at the investment stage
- **Development:** Expertise in CLI Sustainable Building Guidelines
- **Operations:** Integrating sustainability in traditional engineering and customer relations skills
- **Finance:** Structuring sustainable finance instruments; new areas like impact-weighted accounting
- **Legal:** Developing expertise in ESG compliance and greenwashing risks
- **HR:** ESG-focused learning & development programs, and building a culture of sustainability
- **IT/Digital:** Using IoT, AI and ML to improve energy and water efficiencies

Stakeholder engagement and partnerships are key to build awareness and gather feedback towards our 2030 targets

Selected examples

The Ascott Limited is first hospitality company globally to offer guests **global access to complimentary telehealth, telecounselling & travel security advisory services** through a global partnership with International SOS



CUSTOMERS

COMMITMENT TO OUR STAKEHOLDERS

INVESTORS

CLI hosted about **260 investors, bankers and analysts** at its **inaugural CLI Investor Day** held over 2 days in October at Catapult, Rochester Commons.



PEOPLE



Learning CAREnival promotes continuous learning among staff through bite-sized talks. **Over 3,000 learning places** were taken up by staff from **19 countries**

COMMUNITIES



The CLI Procurement Policy incorporated **sustainable procurement principles**. Suppliers are assessed & evaluated for **alignment & compliance** with our sustainability practices & policy

Sky Garden at CapitaSpring, Singapore

Green Lease

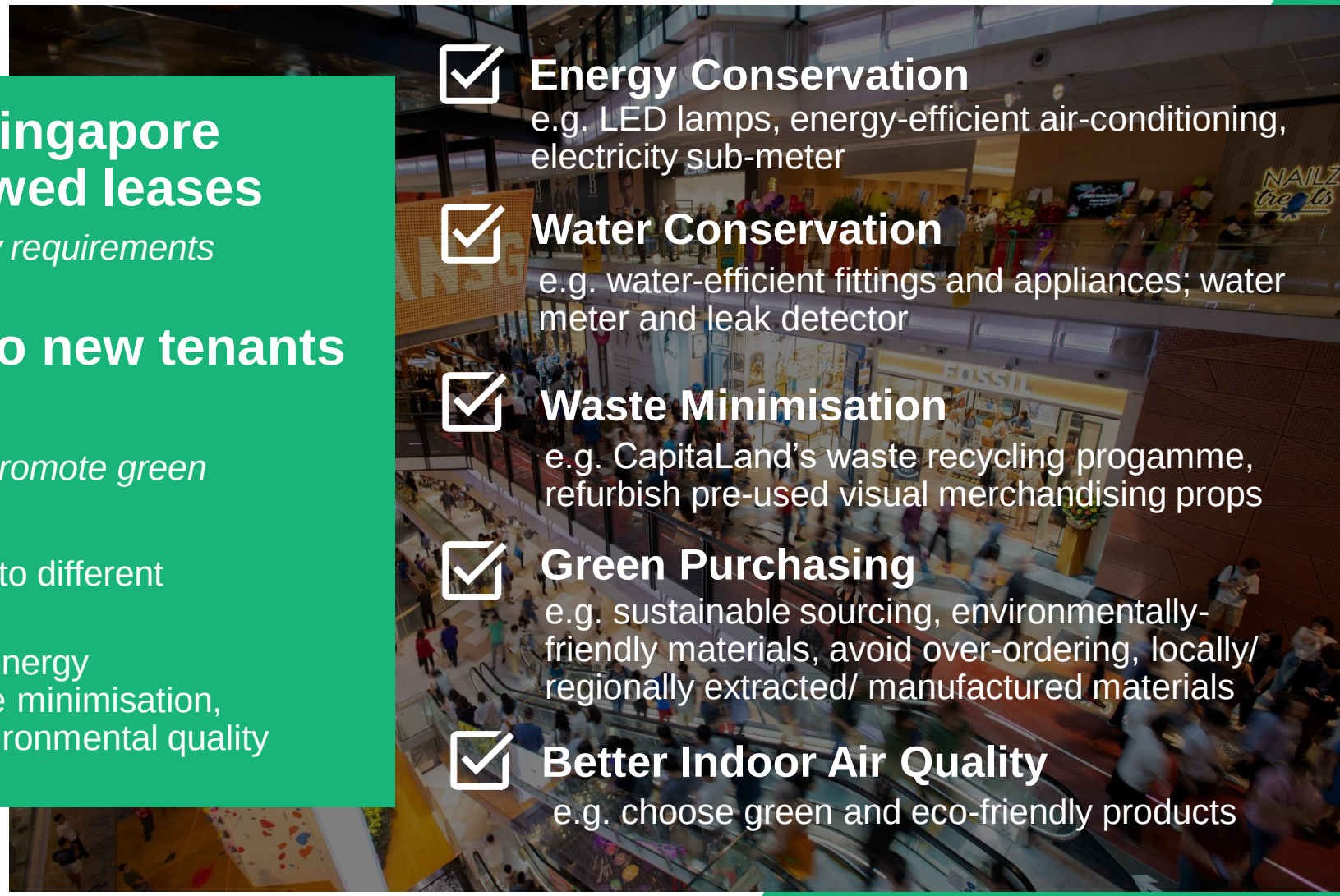
- **Implemented in >85% of Singapore properties for new & renewed leases**

  Minimum equipment and lighting efficiency requirements stipulated to tenants

- **Green fit-out guide given to new tenants globally***

  Encourage adoption of greener fit-outs & promote green practices & behaviour.

  - English and Mandarin versions to cater to different markets
  - Targets different focus areas including energy conservation, water conservation, waste minimisation, green purchasing and better indoor environmental quality



Energy Conservation
e.g. LED lamps, energy-efficient air-conditioning, electricity sub-meter

Water Conservation
e.g. water-efficient fittings and appliances; water meter and leak detector

Waste Minimisation
e.g. CapitaLand's waste recycling progamme, refurbish pre-used visual merchandising props

Green Purchasing
e.g. sustainable sourcing, environmentally-friendly materials, avoid over-ordering, locally/ regionally extracted/ manufactured materials

Better Indoor Air Quality
e.g. choose green and eco-friendly products

**Buildings owned & operated by CLI*

CapitaLand Hope Foundation as a vehicle to create social impact across our communities

Key focus areas



Nurture and inspire the young

Each child has within them the potential, which if nurtured and built upon, can bring significant value to future societies.



Improve seniors' quality of life

Each senior deserves to live life to the fullest with dignity and respect as they age in place and in the community.



Protect the environment for future generations

Earth is our home and everyone can make it a better place for future generations to live by adopting environmentally friendly practices and behaviours.



donated
>S$54M



contributed
>206,400
volunteer hours since 2007



funded
>100
initiatives across geographies



supported
>487,000
beneficiaries including children and seniors in need



worked with
>400
partners



refurbished
31
CapitaLand Hope Schools in China, India and Vietnam

KEY GEOGRAPHICAL FOCUS



Globally where CapitaLand operates with key focus on core markets



Our 1H 2022 results demonstrate consistent progress

Net Zero by 2050

Global 2030 target validated by Science Based Targets initiative (SBTi) for 1.5°C scenario

Energy and Water intensity reduction of

41% and 51%

(per m^2 from base year 2008) respectively

55%

carbon emissions intensity reduction since 2008

Cumulative utilities cost avoidance of

S$320* million

since 2008

49%

of CLIs global portfolio achieved green building certification

Implemented internal carbon price

for new investments and acquisitions

85*

nationalities are part of CapitaLand's global workforce

Close to

40%

of senior management were **women**

>173,000

training hours

>88%*

of staff attended a new e-learning course on fraud, bribery and corruption

Supply Chain Code of Conduct

100%*

contractors & vendors committed to abide

**Available data as of December 2021*

S$10 billion

raised in sustainable finance by CLI & its listed REITs & business trusts

S$50 million

CapitaLand Innovation Fund to support the testbedding of sustainability and other high-tech innovations

Second edition of CapitaLand Sustainability X Challenge received

>340

innovations from over

>50

countries

Case Study #1



Community & sustainability in a retail mall: Funan, Singapore

1. **1st retail mall to deploy a low global warming potential refrigerant chilled-water system**

2. **Low Energy & Energy Efficient Design**
   - Energy efficient façade designed to minimise solar heat transmission
   - LED light fittings designed with intelligent scene control system

3. **Renewable Energy**
   - Tenant's solar panels to power urban farm

4. **Extensive Greenery & Rainwater Harvesting**
   - largest area for ***urban agriculture*** in the city with 18,000-sq-ft food garden & 5,000-sq-ft urban farm

5. Singapore's first commercial building allowing **cycling through the building with *indoor cycling path*** taking cyclists straight to Bicycle Hub, where end-of-trip amenities are provided



Case Study #2

Green commercial buildings: CapitaGreen, Singapore

BCA Green Mark Platinum

1. **Extensive greenery** found throughout façade perimeter helping to diffuse strong sunlight, providing comfortable indoor working environment

2. **Double Skin Façade** helps reduce solar heat gain and diffuse strong sunlight penetrating the building. Expected to **cut heat gain by up to 26%** which translates to energy savings

3. Innovative central circulatory system known as **Cool Void** channels **higher-altitude, 2º cooler air** to air handling units & **reduces energy** to cool the building, resulting in energy cost savings

4. **Rainwater Harvesting system** reduces stormwater drainage & auto-drip irrigation system uses rainwater to water greenery



Case Study #3

Green Opportunities from Retrofitting Existing Buildings: 21 Collyer Quay, Singapore

BCA's Green Mark Platinum (April 2020)

Asset Enhancement Initiative (AEI) included

- refurbishment of essential equipment
- upgrading of common areas

1. **Improved energy & water performance** through installation of an energy-efficient chiller plant with an adaptive control algorithm
2. **Efficient lighting system** with motion sensor & water-efficient fittings
3. **New features such as monitoring systems** to improve indoor air quality (on each floor) & to achieve a more efficient energy monitoring plan with submetering systems

712 MWh/yr
of energy savings

S$107,000
Cost avoidance annually

Case Study #4



Market Street Hawker Centre: Business continuity for stallholders during the development of CapitaSpring through an interim hawker centre in Cross Street built by CapitaLand

Biophilic skyscraper integrating workspaces, retail & residential: CapitaSpring, Singapore

1. **Green Oasis** with **rich biodiversity** comprises >80,000 plants from >130 different species, with >60% native plants helps to **mitigate urban heat island effect** & **enhance workplace wellness** for building occupants

2. **Singapore's highest urban farm**, spanning ~5,000 sq ft provides farm-to-plate dining experience

3. 1st integrated Singapore development to **adopt prefabricated mechanical, electrical & plumbing systems** for common corridors, plant rooms & risers. **Achieved ~43% to 54% productivity savings/construction module**. Use of Building Information Modelling & Virtual Design & Construction, as part of digital construction technology, achieved >50% improvement in construction productivity

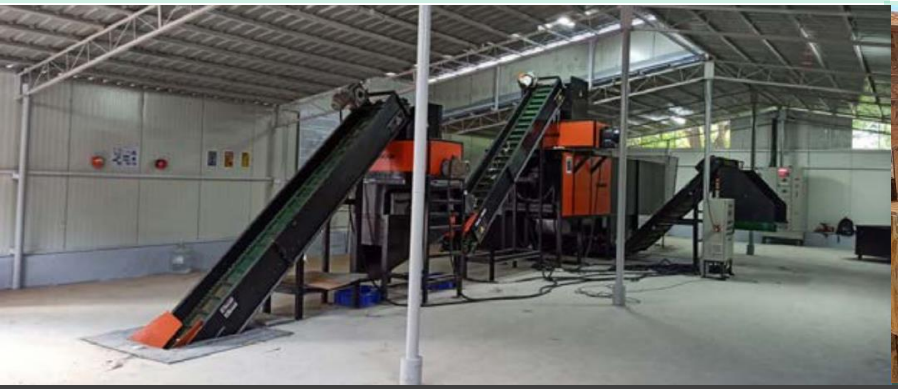
4. **Water condensate** from building's air-conditioners **harvested & recycled** for non-drinking use

5. Promotes active mobility in city with **165 bicycle lots & fully-equipped end-of-trip facilities**. Streetscape enhanced with widened walking pavements, a **600-metre cycling path** around the building's perimeter connecting the building to country's larger cycling network.

Case Study #5 Waste Management & Circular Economy

Encouraging circularity through automatic waste segregation

1. Automated waste segregation system separates biodegradable & non-biodegradable waste
2. Biodegradable waste used to create compost & non-biodegradable waste converted into particle boards & reused for furniture, roofing tiles & partition walls
3. Collected >128 tonnes of recyclable waste & achieved a recycling rate of >60% in 2021



Encouraging an eco-conscious lifestyle through recycling

1. Partnered Singapore's National Environment Agency to set up 16 reverse vending machines at our Singapore malls & business parks
2. Collected **>1.6* million** drink containers since August 2020
3. Shoppers receive 10 STAR$® to redeem eCapitaVouchers & eDeals on CapitaStar App for every 10 drink containers recycled

**Data as of October 2022*



Collaboration through interactive educational experience

1. Raffles City Singapore held a Project Green Showcase with educational content through recycling programmes & upcycling workshops
2. Green Corner where shoppers to drop off e-waste, plastic drink bottles & aluminium drink cans for recycling
3. >28,800 visitors, event attendees, & shoppers participated while >75 tenants/partners supported this event



Case Study #6

Key Project Success Case Studies – China, India & Vietnam

CapitaLand Hope School



Overall Key Outcomes

- Safer infrastructure created opportunities for underserved children to attend school and a conducive environment for learning
- Improved holistic well-being of students by having various school facilities (e.g., hostel, kitchen, canteen)
- Bursary programmes allowed students to further their studies and access to better career opportunities
- Developed a sustainable volunteering platform for staff
- Built positive relationships with the local community

Students Support



Schooling Essentials



Nutrition



Scholarship / Bursary / Study Awards



Volunteer Support

No. of Hope Schools		Country-specific Outcomes
China	**25** *Since 2004*	• CapitaLand Kids Education Bursary Programme supported over 900 Hope School students, of which 60 have entered tertiary education • Imparted the importance of education to students and parents, and using education to break intergenerational poverty
India	**2** *Since 2021*	• Trust in the well-built school increased enrollment of children in school from 300 to 550 students in the neighbourhood
Vietnam	**4** *Since 2011*	• CapitaLand Kids Education Bursary Programme supported over 500 students • Improved nutrition of 1,400 students through providing them milk in school • Le Xa Hope Kindergarten: From 2016 to 2019, enrollment rate increased by 16%, achieved 100% retention rate for all ages and reduced malnutrition rate by 3% • Tan Tay Hope Kindergarten: Expanded for increased enrollment (from 100 to over 300 students) • Thạnh Phuoc Primary Hope School: Became a Centre of Excellence recognised by local Education department

What have we learnt so far as an industry leader in sustainability?

1 There Is No Silver Bullet

- ✓ Keep experimenting with multiple decarbonization solutions and approaches in parallel
- ✓ Be mindful of bias towards ground-breaking ideas vs. proven low-risk solutions

2 Consistent Progress is Key

- ✓ Show consistent and tangible progress and results towards science-based targets
- ✓ Demonstrate flexibility and adaptability over multiple pathways to reach ESG targets in a VUCA world

3 Power of Partnerships

- ✓ Build strong partnerships across the value-chain and stakeholder ecosystem
- ✓ Develop trust amongst stakeholders through governance and transparency

CLI's key ESG priority going forward – shifting focus from "What" to "How"

Focus on *how* to achieve our 2030 goals through:

1. **Scope 1 and 2 Emissions:**

   Executing "Decarbonization Pathways" for investment portfolios including capital expenditure estimates, RoI analysis, renewable energy procurement plans and last-mile offset strategy – by geography and asset type

2. **Scope 3 Emissions:**

   Improving coverage of full Scope 3 emissions for the most material categories especially for downstream leased assets, and expanding partnerships with tenants through green leases

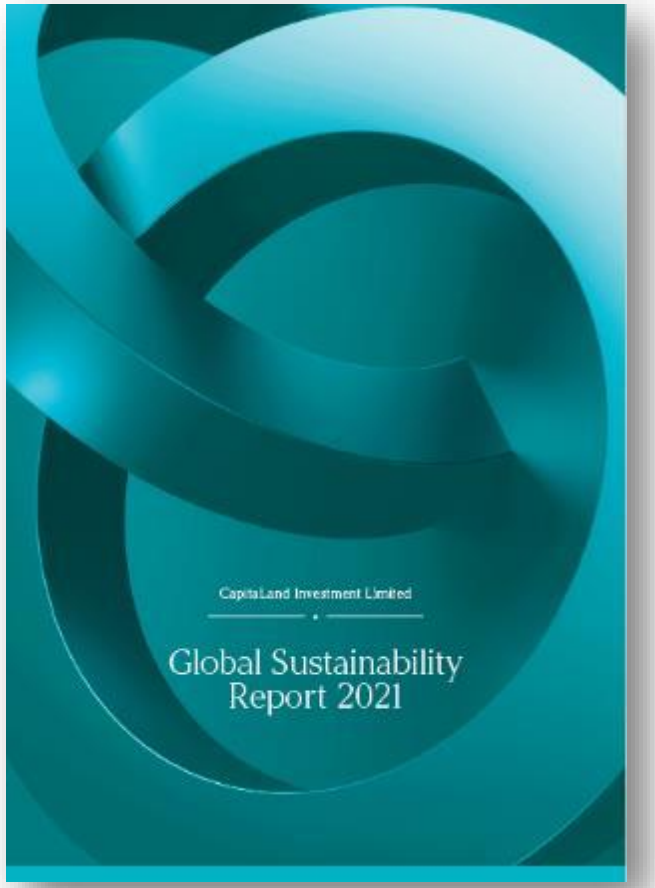
3. **Social Impact:**

   Further deepening the efforts of CapitaLand Hope Foundation in building caring, inclusive and resilient communities as a trusted partner, and disclosing new social targets under SMP 2030

4. **Culture & Capabilities:**

   Continuing to strengthen a culture of sustainability within the organization and deepening ESG skillsets and capabilities in all parts of the business

Find Out More About Our Sustainability Initiatives



Scan here for the full report

www.capitaland.com/gsr



Scan here for the 10 Must-Know Highlights

https://bit.ly/gsrhighlights



Thank you

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