

# **ESG PRESENTATION**



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#### **AGENDA**

- 1. Opening Remarks
- 2. Places
- 3. Performance (Environment)
- 4. People
- 5. Partners
- 6. Performance (Economic)
- 7. Closing Remarks

#### Speakers:

#### **Fanny Lung**

Finance Director

#### Raymond Yau

General Manager, Technical Services & Sustainable Development

#### **Amie Lai**

Senior Sustainable Development Manager

#### **Ashley Hegland**

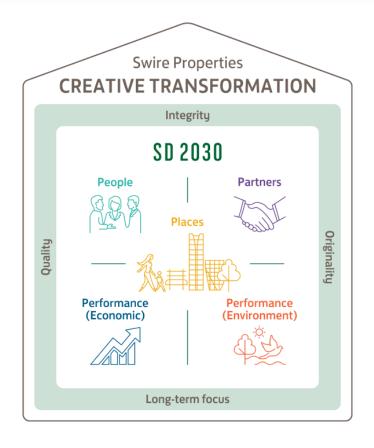
Sustainable Development Advisor



## SUSTAINABLE DEVELOPMENT (SD) PERFORMANCE HIGHLIGHTS SETTING NEW KPIS FOR 2025 AND 2030

#### SD Vision:

"To be the leading SD performer in our industry globally by 2030"



**Achieved** 

KPIs for 2020 milestone

**Established** 

40+

**new KPIs** for 2025 and 2030

The **first** real estate developer in Hong Kong and the Chinese mainland to commit to

BUSINESS 1.5°C





and support the transition to a net-zero emissions economy by 2050

**Green financing constitutes ~30%** 

of current bond and loan facilities



# INDEPENDENT MATERIALITY ASSESSMENT 2020 HIGH LEVEL OF TRUST AND SD LEADERSHIP RATED BY STAKEHOLDERS

Analysis of responses collected from **>540** key stakeholders<sup>1</sup>:

**82**%

Rated **high trust** in SPL

66%

Expect <u>more</u> sustainability efforts from developers post-pandemic

84%

Rated SPL demonstrates strong leadership in SD

28

Material SD issues identified and addressed under SD 2030

New SD issues identified to inform strategy development

- 1. Technology and Innovation
- 2. Climate Adaptation and Resilience
- 3. Cyber Security & Data Governance

#### Top 5 Material SD Issues

- 1. Green Building Construction and Renovation
- 2. Technology and Innovation
- 3. Energy Efficiency
- 4. Tenant and Customer Engagement
- 5. Contribute to Local Economic Development



## SD INDICES PERFORMANCE GLOBAL LEADERSHIP RECOGNISED BY DIFFERENT BENCHMARKS

Member of

**Dow Jones** Sustainability Indices

Powered by the S&P Global CSA

**DJSI World** since 2017

Top **5%** globally

**Sustainability Yearbook** Member 2021

S&P Global

Since 2017





Top company since 2018

**'AAA'** rating











**Global Sector Leader** 

since 2017<sup>1</sup>



since 2016



# Places





Triple Pre-certified Platinum Green and Healthy Building



Integrated solar PV system and green roof



Air filtration using **MERV-13 filters UVC lamp** at all air handling units

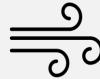


**Ionisation sterilisers** in all lift cars

Exemplifying the **Placemaking** concept



**70,000** sq ft of **Open Greenspace** 



Improved **Microclimate** 



Improved **Connectivity** 

# SWIRE PROPERTIES PLACEMAKING ACADEMY YOUTH EMPOWERMENT FOR A VIBRANT COMMUNITY

university students took up the 6-month

apprenticeship

46
masterclasses offered by senior management, experts & thought leaders





>HK\$ **525 k** 

in employment support

5

NGO partners

>HK\$ 820K

of total value of funds raised and items donated







# PLACES IMPACT REPORT

#### TAIKOO LI SANLITUN CONTRIBUTES TO A VIBRANT MIXED-USE COMMUNITY

#### **Research Partner**



#### **Four Dimensions of Place**



#### **Key Findings**

Points of interests have grown exponentially e.g. flagship stores Local residents and visitors have a strong connection to Taikoo Li International brands often open their first regional store at Taikoo Li





#### Publishing in Q3 2021

Continue to improve government relations and social cohesion with the surrounding communities



# Performance (Environment)



# GREEN BUILDING PERFORMANCE SUSTAINABLE, GREEN AND RESILIENT PORTFOLIO

Achieved the highest environmental building assessment scheme rating for all projects under development



100%

of projects under development<sup>1</sup> achieved **highest** green building certification ratings

97%

of all existing buildings<sup>2</sup> are certified green buildings, of which 85% achieved the highest ratings

>98%

of 2020 gross rental income was contributed by certified green buildings

# Commercial Building Development at 46-56 Queen's Road East





Pre-certified Platinum (BD+C: Core and Shell Version 4)



Platinum Pre-certification (Core and Shell Version 1)



Provisional Platinum (New Buildings Version 2.0)

#### Taikoo Li Qiantan





Pre-certified Gold (BD+C: Core and Shell Version 2009)



Platinum Pre-certification (Core and Shell Version 1)



2-Star (China Green Building Design Label)



<sup>&</sup>lt;sup>1</sup> "Projects under development" refers to projects that are under construction or in the pre-certification stage. They comprise non joint-venture projects only.

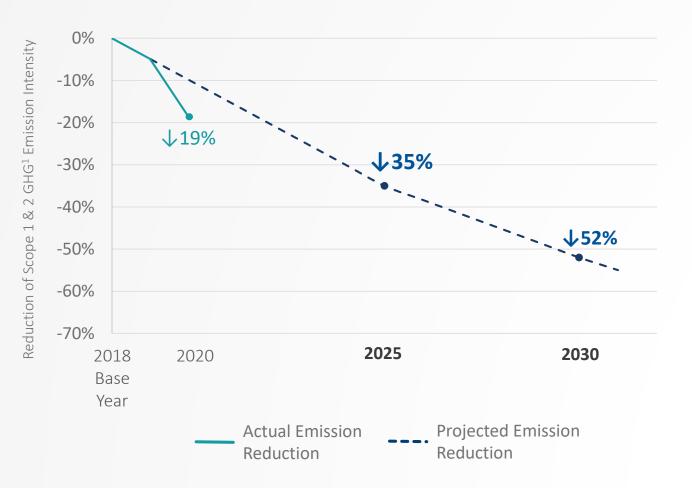
<sup>&</sup>lt;sup>2</sup> Measured as the percentage of total gross floor area.

#### CARBON PERFORMANCE

#### **DECARBONISATION TRAJECTORY TOWARDS NET ZERO**



#### **Decarbonisation aligned with Science-based Targets**



## BUSINESS 1.5°C





RACE TO ZERO

Net Zero Before 2050

#### Scope 1 + Scope 2

**Technological Innovation On and Offsite Renewable Energy Joint Research with Tsinghua** University

#### Scope 3 - Upstream

**New Projects Development** embodied carbon reduction target

#### **Scope 3 - Downstream**

**Tenant Engagement** tenant carbon reduction target



## **ENERGY PERFORMANCE** ACHIEVING SIGNIFICANT ENERGY AND COST SAVINGS



#### **Energy Consumption**<sup>1</sup>

Hong Kong Portfolio<sup>2</sup>

2020 Target:

**1** 26%

Estimated cost-savings of

HK\$99.6M/year

Chinese mainland Portfolio<sup>3</sup>

**↓31.3**% **↓23.4**%

2020 Target:

20%

Estimated cost-savings of

HK\$25.5M/year

#### **Energy Saving Strategies**



Partnership with **Tsinghua University** through the Joint Research Centre for **Building Energy Efficiency and Sustainability** 

~101<sub>M kWh</sub> energy saving achieved<sup>4</sup>

**Smart Energy Management Platform** to optimise building operations using AI and big data analytics

Continued to roll out





<sup>&</sup>lt;sup>1</sup> Energy consumption refers to purchased electricity for the provision of shared services for and in the common parts of our buildings with reference to the the business-as-usual ("BAU") baseline year of 2008 for our Hong Kong portfolio, and the first BAU baseline year for which a complete calendar year of data was available for projects in our Chinese mainland portfolio.

<sup>&</sup>lt;sup>2</sup> Hong Kong portfolio refers to our office and retail portfolios and hotels in Hong Kong.

<sup>&</sup>lt;sup>3</sup> Chinese mainland portfolio refers to our office and retail portfolios in the Chinese mainland, excluding hotels.

<sup>&</sup>lt;sup>4</sup> Estimated energy savings achieved in Hong Kong and the Chinese mainland in 2020 against baseline.

# RENEWABLE ENERGY GENERATION AND PROCUREMENT

#### GREEN AND CLEAN ENERGY TO SUPPORT NET ZERO EMISSIONS

#### **Onsite Renewable Energy Generated**

**200,000** kWh

INDIGO, Beijing

**4,000** kWh

Taikoo Li Sanlitun, Beijing

**32,700** kWh

Taikoo Hui, Guangzhou

**135,500** kWh

One Taikoo Place, Hong Kong

#### **Offsite Renewable Energy Procured**

~35,600 MWh



Sino-Ocean Taikoo Li Chengdu

Sourced **100% renewable electricity** offsite since 2020

**5,100** MWh



The Temple House, Chengdu

Sourced **100% renewable electricity** offsite since 2021



Continue to adopt on and offsite renewable energy



## SCOPE 3 EMISSIONS MANAGEMENT DECARBONISATION ALONG WHOLE VALUE CHAIN

#### **Downstream** - Tenant Engagement



Tenant power metering pilot for selected tenants



Green Kitchen Initiative

**38** F&B tenants

recognised with Green Kitchen Awards (vs. 8 tenants in 2019)



Free energy audits for tenants

#### **Upstream** - Embodied Carbon of New Projects



1st in Hong Kong to develop and introduce low carbon specification and performance targets for building materials (concrete, rebar and structural steel) in main contract



Participated in WorldGBC's Project Taskforce to develop and launch the Asia Pacific Embodied Carbon **Primer**, featuring Swire Properties as a leading business case



## RESOURCE RECYCLING & WASTE DIVERSION

#### EMBEDDING CIRCULARITY IN BUSINESS OPERATION

#### **Commercial Waste Diversion**

#### **Deepening Our Circular Approach**



Hong Kong Portfolio

Chinese mainland Portfolio

25.0% 34.6%

2020 Target: 25%

## **Construction Projects**

**Demolition Waste Diversion** 

Two Taikoo Place)

2020 Target:

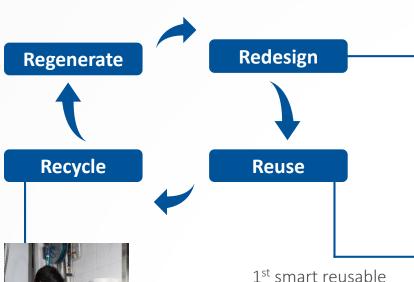
80%

Construction Waste Diversion

(One Taikoo Place)

2020 Target:

60%



68%

of F&B

tenants recycled

food waste

cup network in Hong Kong

6,500<sub>+</sub>

single-use cups saved from landfill



**Smart bin system in** refuse room (Taikoo Li Sanlitun, INDIGO)





## **FUTURE TARGETS FOR ENVIRONMENT** 2025 AND BEYOND

2025 KPI

#### **Decarbonisation**

Scope 1 and 2<sup>1</sup>

**√35**% per sqm



2030 KPI

Scope 1 and 2<sup>1</sup>

**√52%** per sqm

Scope 3 – Capital Goods<sup>2</sup>

**↓25**% per sqm

Scope 3 – Downstream Leased Assets<sup>1</sup>

**↓28**% per sqm

#### **Energy Reduction**<sup>3</sup>

Hong Kong portfolio<sup>4</sup>

**423.6**%

Chinese mainland portfolio<sup>5</sup>

**↓13.5**%

Hong Kong portfolio<sup>4</sup>

**442.5**%

Chinese mainland portfolio<sup>5</sup>

**438.8**%

2025 KPI

#### **Resource and Circularity**

#### **Waste Diversion Rates**

Hong Kong portfolio<sup>4</sup>:

30% of commercial waste

Chinese mainland portfolio<sup>5</sup>:

2030 KPI

Hong Kong portfolio<sup>4</sup>:

50% of commercial waste

Chinese mainland portfolio<sup>5</sup>:

#### **Building/Asset Investment**

100% of wholly-owned new development projects development projects to achieve the highest environmental building assessment scheme rating

of all wholly-owned existing developments to achieve the highest environmental building assessment scheme rating

of all wholly-owned new and existing developments

to achieve the highest environmental building assessment scheme rating

<sup>&</sup>lt;sup>1</sup> From a 2018 baseline.

<sup>&</sup>lt;sup>2</sup> From a 2016-2018 baseline.

<sup>&</sup>lt;sup>3</sup> Energy reduction refers to a reduction in energy use intensity

<sup>&</sup>lt;sup>4</sup> Hong Kong portfolio refers to our office and retail portfolios and hotels in Hong Kong.

<sup>&</sup>lt;sup>5</sup> Chinese mainland portfolio refers to our office and retail portfolios and hotels in the Chinese mainland.

# People



### INVESTING IN AND ENGAGING WITH OUR EMPLOYEES

#### ATTRACTING AND RETAINING TOP TALENT

#### **Talent Attraction**



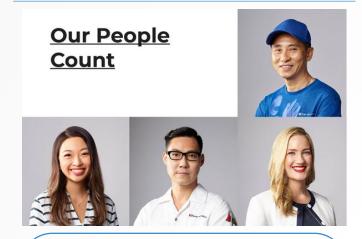
# Hong Kong's Most Attractive Employer

in the Randstad Hong Kong Employer Brand Research 2020

nr randstad

Based on **2,549** locally-based respondents

#### **People Engagement Survey**





97%

response rate, with results outperforming global industry norms in 18 out of 21 categories

#### **Innovation**







400+

idea submissions in 2021 to help improve business operations and processes

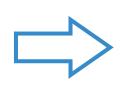


# FOCUS ON OUR PEOPLE FOSTERING A CULTURE OF HEALTH AND SAFETY



#### **2020 TARGET:**

Maintain a lost time injury rate ("LTIR") at or below 2.0





#### **2025 TARGET:**

 Maintain a LTIR at or below 1.2 for Hong Kong operations and at or below 2.0 for hotel operations



Awards to recognise our staff and further strengthen our safety-oriented culture



New Offices focused on employee wellness (e.g. INDIGO office aiming at WELL certification) while also optimising sustainability and efficiency



**Employee Wellness Programme** to continue to provide support for the mental and physical health of our employees during COVID-19



# FOCUS ON OUR PEOPLE

#### SUPPORTING DIVERSITY AND AN INCLUSIVE WORKPLACE



#### **2020 TARGET:**

- Adopt a D&I Policy
- Establish a D&I Committee



#### **2025 TARGET:**

- Maintain a gender balance in senior management
- Maintain gender pay ratio at 1:1

#### Performance in 2020

**51**%

of **Management** positions held by women

33%

of **Board of Directors**are women

39%

of **Executive Committee** members are women

1:1.05

**Gender Pay Ratio** (female to male)



Women Inspire Networks and Male Ally Network









#### Flexible Workplace Policy

details arrangements for staggered working hours, sabbatical leave and "dress for the day"

## **Partners**



#### TENANT ENGAGEMENT

#### JOINTLY ADVANCE ENVIRONMENTAL PERFORMANCE THROUGHOUT TENANCY LIFECYCLE

Pre-lease Fit-out Operation

#### **Green Performance Pledge (GPP)**





#### How it works?



**Commit**to collaborate
on sustainability



**Establish** baseline performance



Take action to meet agreed SD goals



**Recognise** tenants' good performance

#### **Smart Waste Reduction Pilot**



An innovative, fun and rewarding waste reduction challenge

- ✓ Advisory to optimise waste bin layout
- ✓ IoT scales to monitor waste disposal
- ✓ Gamify collective waste reduction journey

Participating
Offices (SPL & Tenant)

322<sub>k+</sub>

Floor Area (sq ft)



# SUSTAINABLE PROCUREMENT STRATEGY SUPPORTING A LOW-CARBON ECONOMY VIA PROCUREMENT

Sustainable procurement system implemented in operations in the Hong Kong and the Chinese mainland

нк\$1,196м

Total Sustainable Procurement Spending in 2020

- In 2020, we expanded our procurement from green products & services to include sustainability-related products & services
- Includes expenditures on promoting safety, health and wellbeing in our properties and projects under development







# Performance (Economic)



# SD INTEGRATION IN COMPENSATION COMPENSATION TIED TO SD PERFORMANCE INDICATORS

#### **Chief Executive**

- Health and safety performance in operations
- Company-wide energy reduction targets

#### **Portfolio General Managers**

- Portfolio energy reduction targets

## **All Employees**

- Annual performance development review goal setting is aligned to SD 2030 Strategy's 5-pillars Compensation tied to annual SD targets

1:1.05

Gender Pay Ratio
(female to male)



**SD** will continue to be top-of-mind for all levels of staff



# GREEN FINANCING PREFERRED FINANCING STRATEGY

~30%

of our current bond and loan facilities come from green financing<sup>1</sup>





#### **2025 TARGET:**

 Achieve a minimum of 50% of bond and loan facilities from green financing

2018 2019 2020 2021

**1st** green bond in Hong Kong that obtained the Green Finance Certification from HKQAA (US\$500M)

1st sustainability-linked loan in Hong Kong with the interest rate linked to year-on-year SD performance improvement (HK\$500M)

Launched four more green bonds (totalling HK\$1,934M)

Secured a HK\$1B green loan facility

Launched three more sustainability-linked loans (totalling HK\$3B)

Named a "Top 10" green bond issuer globally by Climate Bonds Initiative for our green bond reporting work



#### 2021 AND BEYOND

#### 1.5 PATHWAY TO ACCELERATE TRANSITION TO NET ZERO EMISSIONS ECONOMY







1.5°C pathway supported by technological innovations



New partnerships with tenants and supply chain



**Expanding our green financing capability** 



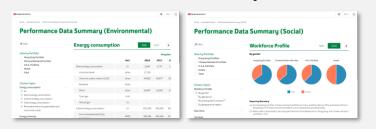


# FIGHTING CLIMATE CHANGE - WE'RE ALL IN





Interactive data charts in web-based Performance Data Summary





Read our 3rd Climate-related Financial Disclosures



sd.swireproperties.com



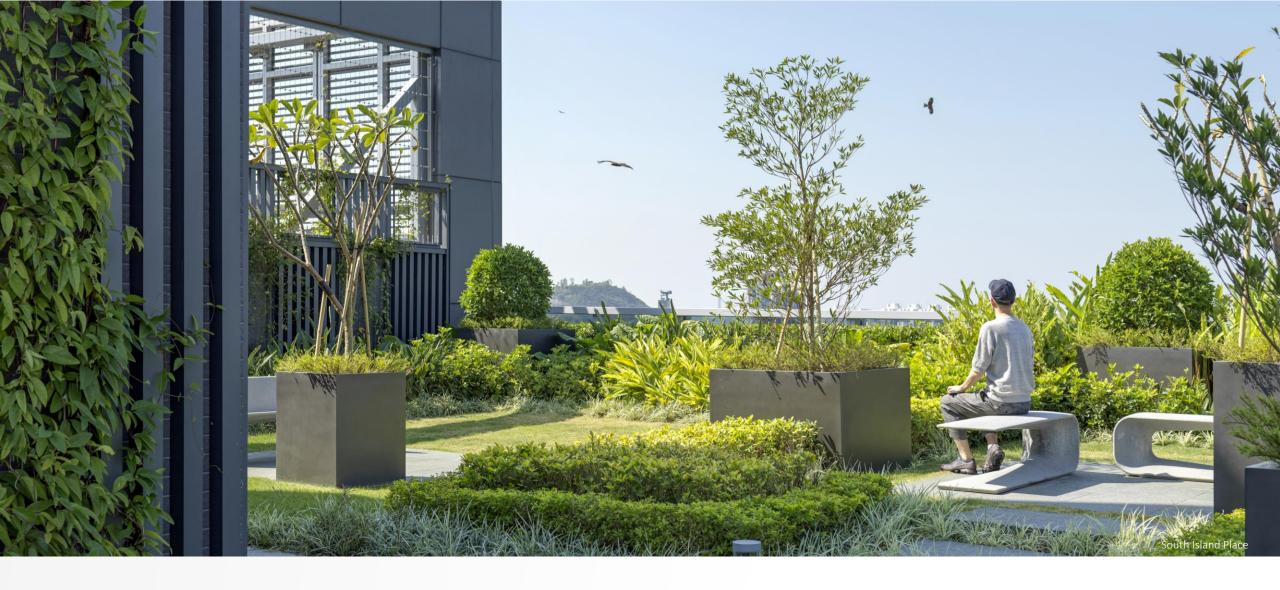
New



# ESG Q&A







# **APPENDIX**



#### COMMITMENT TO 1.5°C PATHWAY LEADS TO NET ZERO BY 2050



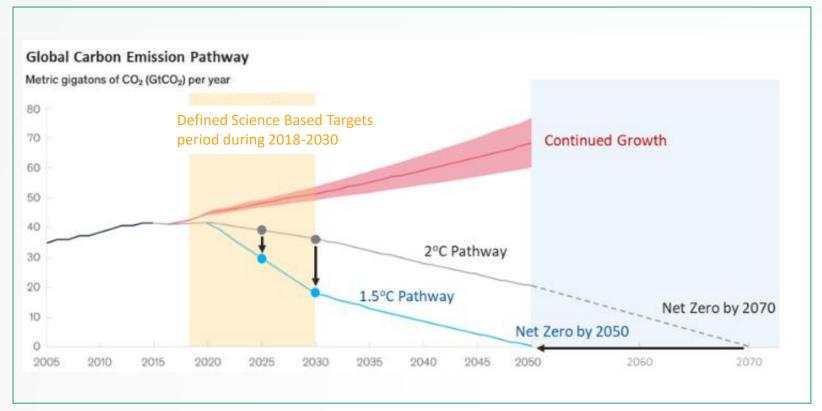






1st

real estate developer in Hong Kong and the Chinese mainland to **commit to Business Ambition for 1.5°C** to support a net-zero emissions<sup>(2)</sup> economy by 2050.



(1) Chart adapted from "Climate math: What a 1.5-degree pathway would take, Mckinsey & Company". For illustration of global carbon emissions pathway only.



